STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
1263 S. Stewart Street
Carson City, Nevada 89712

BRIAN SANDOVAL
Governor

RUDY MALFABON, P.E., *Director*

October 1, 2015

In Reply Refer to:

JOE MAEZ
NDEP
BUREAU OF WATER POLLUTION CONTROL
901 S. STEWART ST. SUITE 4001
CARSON CITY, NV 89701

MS4 Permit NV0023329
Stormwater Management Program
FY 2015 Annual Report

Dear Mr. Maez:

The Nevada Department of Transportation (NDOT) is submitting the Stormwater Management Program (SWMP) Annual Report per the requirements of Municipal Separate Storm Sewer Systems Permit No. NV0023329 issued to NDOT on July 7, 2010. Contents describe NDOT's SWMP compliance activities performed during the time period July 1, 2014 through June 30, 2015 (State fiscal year 2015).

As always, we appreciate your continued assistance. If you have any questions regarding this information, please contact James Murphy at (775) 888-7889 or jmurphy@dot.state.nv.us.

Sincerely,

Steve M. Cooke, P.E, Chief
Environmental Services Division

SMC/KMW/tsk

Enclosures

NEVADA DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT PROGRAM

ANNUAL REPORT FOR FISCAL YEAR 2015
JULY 1, 2014 – JUNE 30, 2015

Nevada Department of Transportation
Environmental Services Division
1263 South Stewart Street
Carson City, NV 89712

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40CFR§122.22(d)]

_____ Date: _____

Steve M. Cooke, P.E.
Chief, Environmental Services Division

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S M. Cooke Date: 10/1/15

Steve M. Cooke, P.E.
Chief, Environmental Services Division

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Introduction

In response to the Nevada Department of Transportation's (NDOT's) request for a single National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer Systems (MS4) Permit for stormwater discharges from NDOT properties, facilities, and activities, the Nevada Division of Environmental Protection (NDEP) issued NDOT a statewide NPDES MS4 Permit (NV0023329) February 23, 2004, and subsequently on July 7, 2010 (Permit). NDOT has developed a Stormwater Management Plan (SWMP) consisting of various programs to address stormwater pollution control as it relates to highway planning, design, construction, and maintenance activities throughout the State. The implementation schedule for these programmatic BMPs spans from State fiscal year (FY) 2013 through FY 2017.

The objective of this Annual Report is to report on SWMP related activities (as they pertain to the requirements of the Permit) conducted during FY 2015 (Reporting Period). The format of this Annual Report coincides with Parts II-IV of the Permit. A status update pertaining to the accomplishment of measurable goals (as stated in the SWMP) and an overall assessment of the major SWMP programs are provided.

Part II. Discharges to Water Quality Impaired Waters

II.A. Impaired Waters Listing on 303(d) List
II.B. Total Maximum Daily Load

Evaluations to determine whether stormwater discharge from its MS4 area contributes directly or indirectly to a listing of a 303(d) or EPA approved total maximum daily load (TMDL) waterway continued during the Reporting period. Below is a listing of the waterways, their corresponding waterbody ID, their impairment(s), and their respective assessment determination.

- Beaver Dam Wash – Above Shroeder Reservoir (NV13-CL-10_00): Impaired for water temperature
    - NDOT does not contribute stormwater runoff from its MS4 to this waterway, and therefore does not contribute to the listing of the waterway's impairment.

- Eagle Rock Creek (NV06-TB-34_00): Impaired for total phosphorus
    - NDOT does not contribute stormwater runoff from its MS4 to this waterway, and therefore does not contribute to the listing of this waterway's impairment.

- Edgewood Creek - from its origin to Palisades Dr. (NV06-TB-33_00): Impaired for total iron
    - NDOT does not contribute stormwater runoff from its MS4 to this waterway, and therefore does not contribute to the listing of this waterway's impairment.

- Edgewood Creek - from its origin to Lake Tahoe (NV06-TB-26_00): Impaired for total phosphorus
    - Stormwater runoff from NDOT's roadways, specifically SR-207 and US-50, *does* discharge into this reach of Edgewood Creek. Further analysis, however, is warranted to determine whether or not NDOT contributes directly or indirectly to the waterways listing with respect to elevated total phosphorus levels.

- Indian Creek – from the Nevada-California state line to the Washoe Indian Reservation boundary: Impaired for total phosphorus and water temperature
    - NDOT does not contribute stormwater runoff from its MS4 to this waterway, and therefore does not contribute to the listing of the waterway's impairment.

- Jarbidge River – from the bridge above the town of Jarbidge to the Nevada-Idaho state line (NV03-JR-14_00): Impaired for zinc
    - NDOT does not contribute stormwater runoff from its MS4 to this waterway, and therefore does not contribute to the listing of the waterway's impairment.

- Jarbidge River, East Fork – From its origin to the Nevada-Idaho state line (NV03-JR-12_00): Impaired for water temperature
    - NDOT does not contribute stormwater runoff from its MS4 to this waterway, and therefore does not contribute to the listing of the waterway's impairment.

- Little Goose Creek – from its origin to Goose Creek (NV03-SR-35_00): Impaired for *Escherichia coli*, pH, total phosphorus, water temperature, total suspended solids (TSS), turbidity
    - NDOT does not contribute stormwater runoff from its MS4 to this waterway, and therefore does not contribute to the listing of the waterway's impairment.

- Rock Creek – below Squaw Valley Ranch (NV04-HR-33-C_00): Impaired for total iron
    - NDOT does not contribute stormwater runoff from its MS4 to this waterway, and therefore does not contribute to the listing of the waterway's impairment.

- Steamboat Creek - from Little Washoe Lake to gaging station number 10349300 (NV06-SC-41-C_00): Impaired for *Escherichia coli*
    - NDOT *does* contribute stormwater discharge from its MS4, specifically US-395A, to this waterbody; however it is unlikely that NDOT is a significant contributor to the listing of this waterbody's impairment.

- Steamboat Creek - from gaging station 10349300 to its confluence with the Truckee River (NV06-SC-42-C_00): Impaired for dissolved arsenic, total boron, total iron, *Escherichia coli*
    - NDOT *does* contribute stormwater discharge from its MS4, including US-395A, to this waterbody. It is unlikely that NDOT is a significant contributor to the listing of *Escherichia coli*; however further analysis is warranted to determine whether or not NDOT contributes significantly to the elevated arsenic, boron, and iron concentrations.

- Trout Creek – from the Nevada-Idaho state line to Goose Creek (NV03-SR-45_00): Impaired for total iron, total phosphorus, water temperature, total suspended solids, turbidity
    - NDOT does not contribute stormwater runoff from its MS4 to this waterway, and therefore does not contribute to the listing of the waterway's impairment.

- Whites Creek North and South Forks (NV06-SC-54-B_00): Impaired for pH and total phosphorus
    - NDOT *does* contribute stormwater discharge from its MS4, specifically SR-431, to this waterbody. Given that only a one mile road segment with one major outfall was identified as contributing stormwater discharge to this waterbody (i.e. a relatively small percentage of the total waterbody's watershed area), it is determined that NDOT is not a significant contributor to the listing of this waterbody's impairment.

- Willow Creek – from its origin to Willow Creek Reservoir (NV04-HR-34-A_00): Impaired for water temperature
    - NDOT does not contribute stormwater runoff from its MS4 to this waterway, and therefore does not contribute to the listing of the waterway's impairment.

- Willow Creek – from its origin to Pine Creek, below Buckhorn Mine (NV04-HR-83_00): Impaired for total dissolved solids
    - NDOT does not contribute stormwater runoff from its MS4 to this waterway, and therefore does not contribute to the listing of the waterway's impairment.

Table A-1 in Appendix A summarizes NDOT's impaired waters assessments over the past three reporting periods. Previous efforts focused on assessments for impaired waterways on NDEP's 2008-2010 303(d) Impaired Waters List; however the 2012 303(d) Impaired Waters List as part of the Nevada 2012 Integrated Report went into effect December of 2014. Consequently, NDOT will move forward with assessing impacts to waterbodies on the current listing.

NDOT and the EPA met on January 13, 2015 to discuss progress with the implementation of NDOT's SWMP. NDOT described to the EPA the process by which the impaired/TMDL waterway assessments were being conducted. The EPA appreciated the current process, but suggested streamlining efforts. The EPA suggested that NDOT review water quality data obtained from past monitoring efforts and develop a list of potential constituents of concern, i.e. primary pollutants, which could be expected to be associated with stormwater runoff from NDOT's MS4 with concentrations that could potentially have a negative impact on receiving water quality. Once that is determined, NDOT could utilize the findings from the research and cross reference them with the impaired and TMDL listed waters. This process would allow NDOT to eliminate any waters

on the forefront that were not impaired for the primary pollutants of concern and move forward with more detailed assessments of those waters that are impaired for the specific pollutants of concern.

Upon reviewing several years of water quality monitoring data, NDOT has determined the following constituents, i.e. primary constituents, would be starting points for determining whether or not stormwater runoff from NDOT's MS4 contributes directly or indirectly to a listing of a 303(d) or EPA approved total maximum daily load (TMDL) waterway:

- Total Suspended Solids (TSS)
- Total Dissolved Solids (TDS)
- Turbidity
- Iron
- Phosphorus
- Nitrogen

At this time, NDOT does not consider its MS4 to be a significant contributor to the listing of a 303(d) or EPA approved TMDL waterbody with regards to elevated water temperatures or low levels of dissolved oxygen due to the relatively small watershed contribution areas in conjunction with the low frequency of stormwater discharges. NDOT will move forward with assessing impaired and TMDL listed waterways with regards to the six primary constituents listed above.

Table A-2 in Appendix A summarizes those waterbodies requiring assessments.

II.C. Discharges to Lake Tahoe and Tributaries to Lake Tahoe

The development of a TMDL addressing nutrient and fine sediment particle loading into Lake Tahoe from stormwater runoff was completed and subsequently approved by the EPA in August, 2011. The Permit requires that NDOT enter into a Memorandum of Agreement (MOA) with NDEP to implement strategies to control stormwater runoff and improve the clarity and water quality of Lake Tahoe within one year of NDEP's approval of the TMDL.

Washoe and Douglas Counties, NDOT, and NDEP concluded that an MOA would not be an adequate means to uphold the goals and objectives of the TMDL, necessitating the need for an

interlocal agreement (ILA) between the parties. Consequently, NDOT entered into the ILA with NDEP in August of 2013 to implement the Lake Tahoe TMDL.

In compliance with Section IV.4 of the ILA, NDOT submitted its Lake Tahoe TMDL annual report to NDEP on March 16, 2015. This report summarizes NDOT's pollutant load reduction activities during water year 2014 (October 1, 2013 through September 30, 2014). NDEP responded to NDOT on April 20, 2015 acknowledging their receipt and subsequent review of the annual report; however NDEP did not have any comments. A copy of the annual report is provided in Appendix B.

NDEP released the 2015 TMDL Performance Report summarizing TMDL implementation accomplishments that occurred during and thru the 2014 calendar year for the urban and non-urban source categories.

The ILA states what roles, commitments, and actions are expected of NDOT to help restore and protect Lake Tahoe's clarity. A key commitment is the preparation of a Stormwater Load Reduction Plan (SLRP) that identifies actions that NDOT will undertake in an effort to meet the 2016 five-year fine sediment particle milestone and (if jointly determined feasible by NDOT and NDEP) the ten and fifteen-year milestones in meeting the Clarity Challenge[1]. The SLRP includes a baseline pollutant load analysis, existing pollutant load analysis, future load reduction analysis, budget, finance plan, and barrier/constraints to implementing pollutant controls. NDOT, with the assistance of the Nevada Tahoe Conservation District, completed the SLRP which identifies a 5-year and 15-year plan to achieve TMDL pollutant reductions in the Lake Tahoe Basin. The report identifies capital improvements, equipment, personnel, and maintenance practices that are needed to achieve the proposed pollutant reductions. A copy of the SLRP is provided in Appendix B.

NDOT continued participating in a Stormwater Tools Improvement Project to update and improve the tools and methods used to evaluate pollutant load reduction in the Lake Tahoe Basin. Other participants included Washoe and Douglas Counties, CalTrans, City of South Lake Tahoe, and El Dorado County.

[1] The "Clarity Challenge" is a numeric target of 80 ft. annual average lake clarity. Achieving this target will indicate reversal of the historic trend of declining lake clarity.

During the Reporting Period, NDOT ordered two best available technology (BAT) abrasive spreaders that have demonstrated the ability to reduce the amount of traction abrasives applied during winter conditions. A reduction in the amount of traction material applied to the road has been linked to reductions in fine sediment particles on the road available for potential transport into Lake Tahoe. Reducing the amount of abrasives applied will assist NDOT's efforts with meeting the goals of the Clarity Challenge.

NDOT continues to design and construct projects in support of the Lake Tahoe Environmental Improvement Program (EIP) (a public-private partnership with the focus of achieving environmental goals for the Lake Tahoe Basin). A summary of project related activities during the Reporting Period is provided below.

- Construction activities associated with Contract 3564 (SR-207 DO 0.00 to 3.14) were completed. Stormwater quality enhancements and erosion control were primary elements of the design.

- Construction associated with the "Green Streets" project for water quality improvements in Incline Village, which entailed implementing low impact development practices along SR-28, were completed. NDOT provided design assistance and contributed financially to this project.

- NDOT is currently designing a water quality improvement project along US-50 from the Lake Tahoe Nevada State Park (Cave Rock) to Spooner Summit.

- NDOT is currently designing a water quality improvement project along SR-28 from the Lake Tahoe Nevada State Park (Sand Harbor) to the Carson City county line.

- NDOT is currently designing a water quality project at Zephyr Cover adjacent to US-50. The Nevada Conservation District (NTCD) is the project lead, with NDOT and other agencies serving as project participants. NDOT is providing design assistance and contributing financially to the project.

- NDOT is currently designing a water quality project at Burke Creek adjacent to US-50. The NTCD is the project lead, with NDOT and other agencies serving as project participants. NDOT is providing design assistance and contributing financially to the project.

Initial data collection efforts associated with the mapping and inventory of hydraulic facilities within the Lake Tahoe Basin are complete[2] with information housed within a GIS based platform. Updates to this inventory are ongoing as new projects are completed.

NDOT participated in numerous water quality monitoring projects within the Lake Tahoe Basin; these efforts are summarized in section ***IV.A. Stormwater Monitoring*** of this report.

Part III. Stormwater Management Program

III.A. SWMP Revision

NDOT submitted a revised Illicit Discharge Detection and Elimination (IDDE) Program in December, 2014 to NDEP for review and comment. NDOT was not the recipient of any formal feedback from NDEP regarding modifications to the IDDE Program. The revised IDDE Program is provided in Appendix I. Highlights of the revised program include the development of an illicit discharge investigation flow chart; specificity regarding types of illicit discharges; the removal of redundant language resulting in a more concise document with goals and objectives for IDDE Program components (refer to ***IV.C. Annual Reports*** for a more detailed description). It is anticipated that future revisions to NDOT's SWMP will continue to reflect this concise, simplified, and more organized style and formatting.

NDOT's SWMP is available for viewing on NDOT's Stormwater Management Program website at the following web address:

http://www.nevadadot.com/StormWater/Stormwater_Management_Plan.aspx

[2] Data and information continues to undergo post-processing.

III.B. Legal Authority

NDOT, NDEP, and the State of Nevada Governor's Office, collaborated to develop language that ultimately became Senate Bill 324 of the State of Nevada 2015 Legislature Session. The bill was subsequently passed by the Nevada State Legislature, providing NDOT with legal authority to enforce the provisions of its Permit, specifically illegal (i.e. illicit) discharges entering NDOT's right-of-way. A copy of Senate Bill 324 is provided in Appendix C; however an executive summary of Senate Bill No. 324 is provided below.

> *An act relating to the Department of Transportation; authorizing the Director of the Department to issue an encroachment permit for certain discharges onto a state highway, within a right-of-way or into, onto or by way of a conveyance system; providing civil penalties for an unauthorized discharge onto a state highway, within a right-of-way or into, onto or by way of a conveyance system or for a violation of an encroachment permit issued by the Director; creating and setting forth the duties of the Advisory Committee on Transportational Storm Water Management; revising the qualification of the Director; and providing other matters properly relating thereto.*

These statutory changes went into effect June 5, 2015. Permit section III.B.2 states that "*NDOT shall provide written notice to NDEP of any formal proposal to modify the regulation or ordinances regulating stormwater discharges into the MS4. Before any regulation or ordinance is modified, NDEP shall [have] at least thirty (30) days to review and comment on the proposed modification*." NDOT did not formally provide written notification to NDEP regarding the changes to state statues associated with Senate Bill No. 324; however NDEP played a key role with the development of the bill's language.

NDOT's Construction Division and Water Quality Section began revising the Standard Specifications for Road and Bridge Construction regarding contractor non-compliance with NDOT's Standard Specifications for Road and Bridge Construction, specifically Sections 637 and 107 (Temporary Pollution Control and Legal Relations and Responsibility to the Public, respectively). Liquidated damages of $4,500 per day will be assessed for a contractor's failure to comply with the requirements of these two standard specification sections. Additionally, failure to comply with the SWPPP within 10 days of a documented deficiency may result in contract termination. Language was being finalized at the end of the Reporting Period, consequently the

new specifications will go into effect in July, 2016. A complete description of the new specifications will be provided in the FY 2016 Annual Report.

NDOT's Right-of-Way Division and Water Quality Section began revising terms and conditions for encroachment permits. Language includes requirements associated with stormwater pollution prevention plans (SWPPPs) and runoff control plans. Language was being finalized at the end of the Reporting Period, consequently the new terms and conditions will go into effect in July, 2016. A complete description of the terms and conditions will be provided in the FY 2016 Annual Report.

A detailed account of NDOT implementing its legal authority in response to unauthorized discharges into the MS4 is presented in section ***III.J. Illicit Discharge Detection and Elimination*** of this report.

III.C. MS4 Maps and Outfalls

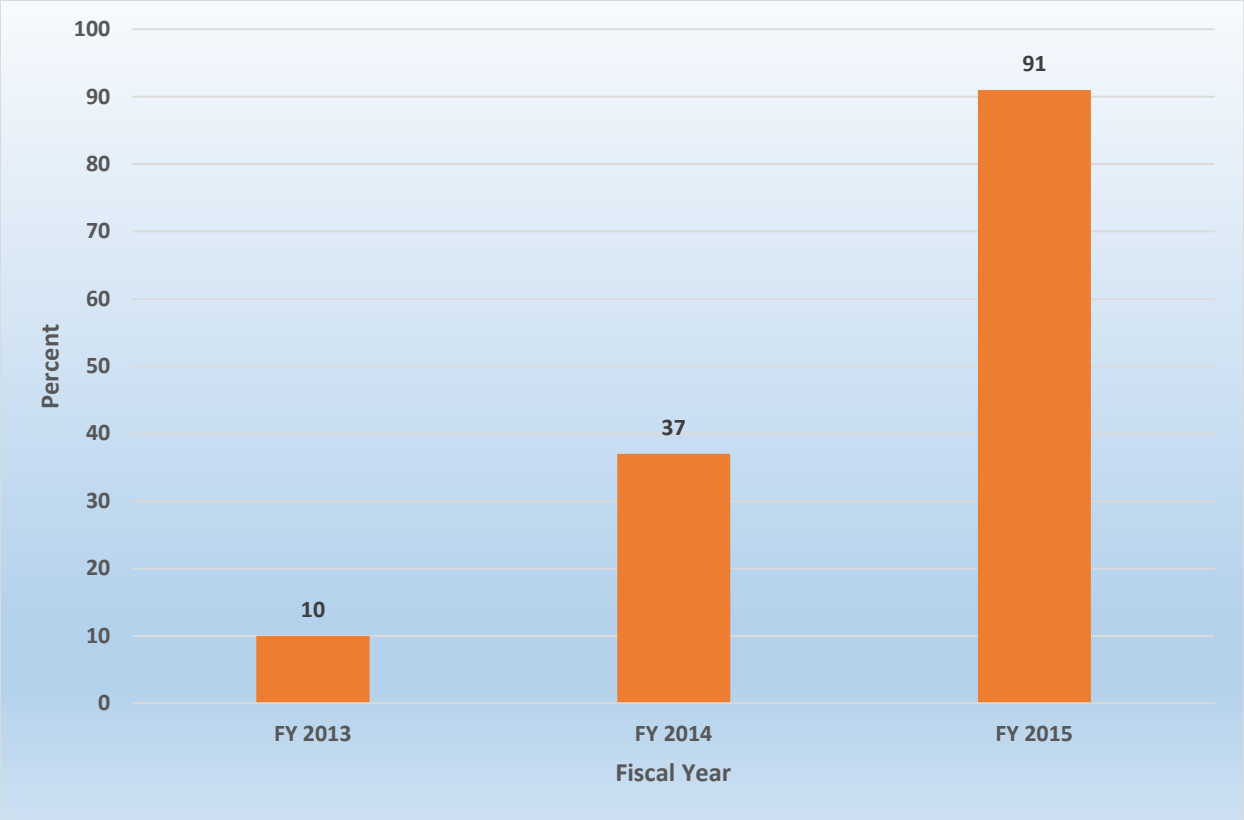
NDOT continued hydraulic facility inventory/mapping efforts, which entailed identifying stormwater hydraulic facilities and permanent BMP facilities (i.e. stormwater detention facilities, manufactured stormwater treatment devices, etc.) within NDOT's right-of-way statewide by field survey, as-built contracts, right-of-way permits, and aerial mapping, followed by storing the information into a GIS database. Each hydraulic facility inventoried is provided with a unique ID number. In addition to utilizing Water Quality and Hydraulics Section staff, NDOT hired several temporary employees, consultant staff, as well as public service interns to assist with this effort.

Beginning in September of 2014, NDOT's Hydraulics Section developed monthly progress charts demonstrating improvement with the hydraulic facility mapping and inventory efforts[3] (Appendix D). Comparing the results depicted in the first chart (September, 2014) with the last chart of the Reporting Period (June, 2015), NDOT completed hydraulic facility mapping efforts for 29% of District I's roadways, 18% of District II's roadways, and 52% of District III's roadways. Figure 1 (below) depicts progress made statewide with regards to the percentage of NDOT's total roadway

[3] There are two progress charts dated October, 2014. One was developed at the beginning of the month, the other was developed at the end of the month. Consequently, a progress report for November was not developed.

system mapped over the previous three reporting periods. A progress map[4] showing the routes and their respective mapping status is also provided in Appendix D.

Figure 1: Percentage of NDOT's roadway system mapped for stormwater hydraulic facilities by fiscal year.



As of July, 2015, NDOT has inventoried an estimated 39,000 hydraulic facilities statewide, of which an estimated 11,000 are considered a "Major"[5] outfall[6]. Approximately 96 water quality basins have been inventoried. Over 500 "miscellaneous structures" have been inventoried, but efforts are ongoing to process the data and identify the structures appropriately. Stormwater hydraulic facilities placed in this category could include stormwater outlet treatment devices, manufactured stormwater treatment devices, etc.

[4] Progress as of July, 2016
[5] Major outfall is defined at 40CFR§122.26.
[6] Assessments to determine whether or not an outfall meets the criteria of 40CFR§122.26 are ongoing. It is expected that this number will be refined over time.

A web map located on NDOT's Stormwater Management Program website depicts the location of the major outfalls via a user friendly, GIS based interface. The web map is accessible to both internal employees and the general public at the following web address: http://www.nevadadot.com/StormWater/Mapping_Inventory.aspx.

III.D. Discharges to Clear Creek Watershed

NDOT developed a Clear Creek Stormwater Management Program (CCSWMP) as part of its statewide SWMP (Section 3.12), which was accepted by NDEP in February of 2013. The following summarizes CCSWMP related activities during the Reporting Period.

Discharges from New Development and Redevelopment

NDOT's Hydraulics Section continued designing and funding small scale, erosion control improvement projects at select drainage and outfall locations within the Clear Creek Watershed in an effort to reduce the impacts of stormwater discharge into Clear Creek. NDOT works directly with the Carson River Conservation District to fund and implement these projects. Erosion control improvements typically include culvert work, riprap channel lining and aprons, slope stabilization, re-grading, sediment removal, applying wood chipped material to disturbed areas, and making general improvements to stormwater conveyances. A brief summary of the small scale projects that were constructed along US-50 (by drainage number[7] and milepost) during the Reporting Period are described below[8].

- Drainage 16 (DO 13.4): During FY 2014, the cross culvert was slip lined and a riprap apron was reinforced at the outlet. During the Reporting Period, work was performed to repair areas damaged from a large storm event.

- Drainage 49 (CC 1.4): The cross-culvert was slip lined and a riprap channel was constructed to stabilize the entire drainage from the culvert outlet to Clear Creek.

[7] As referenced from NDOT's "Clear Creek Erosion Assessment Final Report, January 29, 2003."

[8] Temporary pollution control measures as specified in NDOT's Construction Site BMPs Manual were implemented as appropriate for all projects.

- Drainage 55 (CC 1.8): The cross-culvert was slip lined and a riprap channel was constructed to stabilize the entire drainage from the culvert outlet to Clear Creek.

- Drainage 82 (CC 3.4): The culvert was slip lined.

- Drainage 102 (CC 4.7): The cross culvert was slip lined and a riprap apron was constructed at the culvert outlet.

- Drainage 103 (CC 5.0): During FY 2014, the cross culvert was slip lined with the existing drop inlet down-drain removed and replaced at the cross culvert inlet. In addition, a riprap apron was constructed at the cross culvert inlet, and the existing drop inlet down-drain to the outlet side was removed and replaced. During the Reporting Period, work associated with the slip lining and the riprap outlet was completed.

- Drainage 113 (CC 5.4): The cross culvert was slip lined and a riprap apron was constructed at the culvert inlet.

- Drainage 117 (CC 5.5): During FY 2014, the cross culvert was slip lined, and the existing riprap apron at the culvert outlet was completed. During the Reporting Period, an additional riprap channel was added to convey offsite flows to the culvert.

- Drainage 119 (CC 5.6): The cross culvert was slip lined and the existing culvert down-drain was removed and replaced. A manhole was constructed to connect an existing drop inlet to the culvert down-drain.

- Drainage 125 (CC 5.8): The cross culvert was slip lined and a riprap apron was constructed to stabilize the steep channel downstream of the culvert.

- Drainage 136 (CC 6.5): The cross culvert was slip lined and the existing culvert down-drain was removed and replaced. The down-drain perpetuates stormwater flows from US-50 to an existing water quality basin along Old Clear Creek Rd (which runs parallel to US-50). The existing water quality basin was cleaned and the outlet was improved. The drainage ditch conveying flows from the water quality basin to Old Clear Creek Rd. was stabilized with riprap.

- Drainage 139 (CC 6.7): The cross culvert was slip lined and the existing culvert down-drain replaced from the culvert outlet to an existing drop inlet along Old Clear Creek Rd.

- Drainage 139.5 (CC 6.8): The cross-culvert was slip lined and the existing culvert down-drain was replaced from the culvert outlet to an existing drop inlet along Old Clear Creek Rd. In addition, the existing drop inlet down-drain was replaced.

- Drainage 141 (CC 6.9): During FY 2014, storm drainage improvements were limited to NDOT's right-of-way. However, during the Reporting Period, storm drainage improvements continued onto adjacent private property, which included the installation of a culvert and manhole, as well as the construction of a riprap apron at the new culvert outlet where it discharges alongside Old Clear Creek Road.

NDOT's Hydraulics Section continued working on the watershed-scale Clear Creek Stormwater Drain Project. Various challenges and constraints surfaced during the last few years, resulting in several design and schedule modifications. Nonetheless, the ultimate goal of improving the water quality of Clear Creek through infrastructure improvements and source control remains the same.

Contract 3586, awarded in May, 2015, is the first of a series of contracts to be issued as part of this watershed-scale project. The project limits are US-50 (CC 3.0 to 7.6) with construction focusing primarily on hydraulic facility replacement and upgrades as well as channel stabilization. Subsequent projects (i.e. US-50 Spooner Summit (DO 13.0 to 14.0) and Upper Clear Creek Watershed (DO 14.0 to CC 3.0) are scheduled to begin in FY 2017.

Water Quality Monitoring

NDOT's Hydraulics Section continued Clear Creek water quality monitoring efforts in cooperation with the U.S. Geological Survey (USGS). This is a continuation of an on-going study that focuses on monitoring stream flow, sediment loads (suspended and bed-load), sediment particle size distribution, and select chemical constituents within Clear Creek. The goals and objectives of this study are to:

- Quantify the relation between suspended-sediment loading and discharge in Clear Creek.
- Use this relation to estimate sediment yield from the Clear Creek basin.
- Build upon the results of the initial study by Seiler and Wood (2009)[9] which developed an initial baseline in sediment and chemistry for Clear Creek to evaluate the impacts of runoff and potential sediment transport related to US-50 as well as land use changes within the watershed. This report is available for download from the USGS Website at http://nevada.usgs.gov/water/studyareas/clearcreek.htm.

The USGS released a draft report in FY 2014 for NDOT's review summarizing data collected during the 2010-2012 water years; however the USGS has yet to release a final report. The USGS anticipates releasing the final report in FY 2016. Water quality monitoring activities associated with this study will continue into FY 2016.

Additional Water Quality Monitoring[10]

Water Quality Section personnel conducted stormwater sampling at two culverts conveying stormwater runoff from US-50 into the Spooner Interchange detention basin (US-50 CC 2.9). Given the timing of the sampling event, it is likely that stormwater sampled was from rising limb of the hydrograph, i.e. first flush. Results from laboratory analysis suggest elevated levels of several water quality constituents, most notably total phosphorus and total suspended solids.

Copies of analytical reports are available upon request.

Illicit Discharge Detection and Elimination

- NDOT Maintenance personnel completed improvements to the Spooner Summit decant facility, eliminating discharges from the decant pond into a roadside conveyance along US-50. Previous attempts at addressing the problem consisted of repairing the head gate that controlled the release of water was repaired and sealing the discharge pipe with

[9] Seiler, R.L., and Wood, J.L., 2009. Sediment Loads and Yield, and Selected Water-Quality parameters in Clear Creek, Carson City and Douglas County, Nevada, Water Years 2004-07: U.S. Geological Survey Scientific investigations Report 2009-5005, 45 p.
[10] Water quality monitoring efforts that were in addition to those reported in the FY 2015 Stormwater Monitoring Plan

cement. However, upon observation during the EPA's visit on November 6, 2014, the concrete seal was compromised, resulting in a small leak from the decant facility. NDOT acted immediately and removed the outlet pipe altogether. Photographs[11] depicting the decant facility with the discharge pipe removed are provided in Appendix E.

The Spooner Summit decant facility, which is part of the Spooner East Yard located along US-50 (milepost DO 13.20) in the Clear Creek watershed, was originally constructed as a temporary holding area for material (e.g. sediment) cleaned out from stormwater facilities in the Lake Tahoe Basin. Material was deposited in the decant facility in an effort to evaporate the water prior to permanently disposing of the material. A head gate was installed to release stormwater runoff that entered the holding pond during the winter months once the material was removed. Allowing stormwater to discharge out of the facility into the roadside conveyance in conjunction with the intended use of the facility was deemed an illicit discharge by the EPA[12]. With the head gate and discharge pipe completely removed, NDOT has resumed using the facility as originally intended, albeit in a reduced fashion.

As originally reported in the FY 2014 Annual Report, NDOT is still pursuing an alternate site located in the Lake Tahoe Basin to construct a stormwater decant facility for the purposes of evaporating water included with material removed from stormwater facilities. The site is expected to accommodate maintenance operations for the south half of NDOT's service area in the Lake Tahoe Basin. Once constructed, use of the Spooner Summit decant facility may be discontinued all together.

- On May 14, 2015, as part of construction activities associated with NDOT's Clear Creek Erosion Control Program, approximately 0.5 yd^3 of cement grout slurry inadvertently discharged into an ephemeral tributary to Clear Creek located along US-50 (CC 6.1). Although the slurry mobilized down gradient, the discharge never reached Clear Creek. The discharge was reported to NDEP via the Spill Reporting Hotline, however NDEP determined that the incident did not meet the criteria of a reportable spill. NDOT submitted

[11] Photographs of the facility with the discharge pipe removed were forwarded to the EPA on December 10, 2014.

[12] The EPA visited this site as part of NDOT's SWMP Audit in 2011. Upon knowing that discharges from this facility were illicit, NDOT ceased using the facility in its intended fashion.

a letter to the Carson Valley Conservation District (the organization overseeing the contractor's construction activities) requesting a mitigation strategy to remove the hardened grout to the maximum extent practicable. NDOT Hydraulics and Water Quality Section worked with the contractor to develop BMP measures that will help mitigate future incidences should they occur. The contractor's mitigation strategy was implemented to the best of the contractor's abilities and to the satisfaction of NDOT.

No other illicit discharge incidences in the Clear Creek Watershed were reported, observed, or investigated by NDOT personnel.

Public Outreach and Education

NDOT's Hydraulics Section gave a presentation on NDOT's Clear Creek Erosion Control Program at part of the Carson River Floodplain Management Forum held on April 22, 2015. This forum provided an opportunity for speakers to contribute to technical discussions about projects and programs in the Carson River watershed. Clear Creek is a major tributary to the Carson River.

NDOT's Hydraulics Section provided a tour of NDOT's erosion control projects within the Clear Creek watershed to members of the Nevada Rural Water Association on May 20th, 2015. The group was comprised of an estimated 50 watershed and source water protection specialists with the tour focusing on NDOT's erosion control efforts in areas traditionally subject to heavy erosion.

NDOT's Public Information Officer sent out a press release to several media outlets on June 23, 2015, announcing construction activities as part of Contract 3586 and its role in NDOT's Clear Creek Erosion Control Program. A copy of the KRNV News 4 press release is provided in Appendix F.

A description of NDOT's Clear Creek SWMP is included in NDOT's statewide SWMP and is available to the public and internal employees for viewing on NDOT's Stormwater Management Program website at the following web address:
http://www.nevadadot.com/StormWater/Stormwater_Management_Plan.aspx

Inventory of Maintenance and Industrial Facilities

NDOT currently has two Maintenance facilities located within the Clear Creek Watershed:

1. Spooner East Yard (US-50 milepost DO 13.20)
2. Oasis Pit (FR-406 milepost CC 0.80)

Maintenance Crews will be abandoning the Oasis Pit facility in early FY 2016. Efforts to transport materials out of the pit to other Maintenance facilities were underway during the Reporting Period.

Pollution Prevention/Good Housekeeping

As previously mentioned previously in the "Illicit Discharge Detection and Elimination" section, NDOT removed the outlet pipe in the Spooner East Yard's decant facility, eliminating discharges from this facility into NDOT's MS4.

Both the Spooner East Yard and Oasis Pit are included in NDOT's Facility Pollution Prevention Plan (FPPP) for Minor Maintenance Stations and Yards. NDOT's Water Quality Section performed annual stormwater inspections at both sites (documentation is included in Appendix G). No non-compliance issues were noted at either facility as opposed to three total issues noted during the FY 2014 annual inspections.

In addition to the everyday stormwater pollution prevention practices specified in the FPPP, the designated FPPP administrator(s) for the Spooner East Yard and Oasis Pit facilities is (are) responsible for ensuring specific, routine BMP tasks are completed on an annual basis. Table H-1 in Appendix H provides a summary of those annual activities and whether or not they were accomplished during the Reporting Period. For comparison's sake, Table H-2 in Appendix H presents the summary of FPPP compliance activities as reported in the FY 2014 Annual Report.

During the Reporting Period, FPPP Administrators conducted three stormwater self-inspections at both the Spooner East and Oasis Pit facilities. During the FY 2014 reporting period, no self-inspections were reported[13]. The Spooner East Yard was subject to mechanical sweeping three times during the Reporting Period; however the estimated amount of material collected was not obtained. No sweepings were reported during the FY 2014 reporting period. The lone drop inlet located within the Oasis Pit facility was inspected during the FY 2014 and FY 2015 reporting periods; however cleanout of the facility was not required at either times. District Water Quality

[13] It should be noted that the three inspections conducted were above and beyond FPPP requirements.

Section personnel performed annual stormwater inspections at both facilities during the FY 2014 and FY 2015 reporting periods.

Overall, FPPP Administrator compliance activities increased at the two Clear Creek Maintenance facilities from the FY 2014 to the FY 2015 reporting periods.

III.E. Discharges into Sanitary Sewer Systems

NDOT is authorized to discharge decant water from the maintenance of stormwater facilities in the Lake Tahoe Basin into the Incline Village General Improvement District (IVGID) sewer system. In addition, NDOT is authorized to discharge stormwater runoff into the Virginia City Wastewater Treatment Facility. Letters from IVGID and the Storey County Public Works authorizing these discharges are included in Appendix C of NDOT's SWMP.

III.F. Stormwater Education Program

Public Education and Outreach

In July, 2014, NDOT's Water Quality Section and Public Information staff produced a short video on illicit discharges. The video was finalized, placed on YouTube, and posted on Facebook the week of August 4, 2014. A link to the video resides on NDOT's Stormwater Management Program website at
http://www.nevadadot.com/StormWater/Stormwater_Management_Program.aspx

Partnering with the Truckee Meadows Storm Water Permit Coordinating Committee and Keep Truckee Meadows Beautiful[14], NDOT Water Quality Section personnel participated in the Truckee River Cleanup Day on September 27, 2014, serving as group leaders for volunteers assisting with storm drain stenciling activities. NDOT helped convey stormwater pollution related information to the volunteers, as well as provided tips and suggestions that community members can employ to reduce pollutant loading in municipal stormwater runoff. NDOT provided logistical, leadership, and man-power assistance as volunteers were divided into separate groups to perform storm drain stenciling in the southern Truckee Meadows region. As part of this effort, 231 storm drains

[14]Nevada non-profit group supported by individual and community donations providing an alternative to litter and illegal dumping through community education and cleanup/beautification projects in the Truckee Meadows

were stenciled in the Virginia Lake watershed area of the Truckee Meadows region with the message "Do Not Dump-Drains into River." As stenciling activities were occurring, door hangers with stormwater educational material were distributed to nearby residences, and trash was cleaned up around storm drain inlets. A video highlighting these efforts was produced by NDOT and placed on YouTube for viewing by inter-Department personnel as well as the general public. A link to the video resides on NDOT's Stormwater Management Program website at http://www.nevadadot.com/StormWater/Stormwater_Management_Program.aspx. NDOT has participated in this event for the past three years. NDOT has now assisted the Truckee Meadows Stormwater Water Permit Coordinating Committee with the stenciling of over 700 storm drain inlets throughout the Truckee Meadows region.

On December 31, 2014, NDOT's Public Information staff released a video to all NDOT staff highlighting significant efforts and accomplishments performed by NDOT during 2014. Included was information pertaining to NDOT's Stormwater Management Program.

NDOT supported the efforts of NDEP by attending various Nevada Stormwater Circuit Rider workshops. The intent of the workshops was to educate the general public on changes associated with the new stormwater Construction General Permit (which became effective January 5, 2015) and information pertaining to the Industrial General Permit. Instructors of this workshop incorporated a link to NDOT's Stormwater Management Program website with their presentation, providing workshop participants with an additional source of stormwater related information.

In January, 2015, NDOT developed a brochure titled "A Citizen's Guide for the Stormwater Management Program." The brochure provides a definition of stormwater, the difference between sanitary sewer systems and storm drains, common stormwater pollutants, tips regarding stormwater pollution prevention, water conservation, stormwater conveyance, and illicit discharge reporting information. A copy of the brochure resides on NDOT's Stormwater Management Program website at

http://www.nevadadot.com/StormWater/Stormwater_Management_Program.aspx.

Hard copies of the brochure are available to NDOT employees and the general public within NDOT's headquarters in Carson City, District 1 headquarters in Las Vegas, and District III headquarters in Elko. Hard copies are included with written correspondence from NDOT to

various parties addressing the discharge of illicit materials with NDOT's right-of-way. Hard copies of the brochure were also made available to the attendees of NDOT's public meetings and hearings (Table 1). A copy of the brochure is provided in Appendix F.

Table 1. Summary of public meetings held during the Reporting Period where stormwater related outreach material was available for viewing.

Date	Project	Project #	Location	# of Attendees
2/24/15	HOV Plan Update	N/A	Las Vegas RTC	20
2/25/15	HOV Plan Update	N/A	Las Vegas RTC	20
2/25/15	Tropicana Ave. Improvements	SPSR-0593(002)	Paradise Rec. Center (Las Vegas)	29
5/20/15	North Las Vegas Blvd. Improvements	SPSR-0604(029)	Walnut Community Center (Las Vegas)	3
6/10/15	Project NEON DB Phases 1-4	STP-015-1(138)	Historic 5th St. School (Las Vegas)	170

On February 12, 2015, NDOT Environmental Services Division staff gave a presentation at Carson City High School discussing professional careers available to young women. The presentation provided information about job duties associated with NDOT's Water Quality Section, including efforts to reduce impacts to water quality through erosion control measures, efforts to prevent illicit discharges from NDOT's operations, and water quality sampling.

On May 15, 2015, NDOT Water Quality Section participated as team leaders for the 15th Annual Truckee River Snap Shot Day, a field study day administered by NDEP for students to engage in ecology, environmental science, and hydrology in the lower Truckee River and Pyramid Lake. Participants of this community event included students ranging from kindergarten to 8th grade, teachers, and parents. Water Quality Section personnel discussed the importance of the community monitoring program, information pertaining to the Truckee River watershed, and Truckee River beneficial uses. Water quality sampling for a variety of constituents was conducted as well as a visual assessment of the river frontage habitat.

On May 26, 2015, NDOT's Water Quality Section gave a presentation at the Community Planning and Infrastructure Committee Meeting in Las Vegas. Attendees of the meeting included local municipality and government officials as well as various members of the local contracting community. Copies of NDOT's stormwater brochure, i.e. "A Citizen's Guide for the Stormwater

Management Program," were made available to attendees. Information pertaining to BMP requirements for projects constructed on NDOT's right-of-way, conducting construction site stormwater inspections, and appropriate District contacts for encroachment permit related work within NDOT's right-of-way was presented. In addition, copies of recent Contractor Bulletins announcing upcoming NDOT-Associated General Contractors (AGC) Water Pollution Control Manager Stormwater Training courses were also distributed.

On May 29, 2015, NDOT's Water Quality Section participated in the AGC-NDOT Committee meeting in Sparks, NV, providing various members of the contracting community with updates pertaining to the NDOT-AGC Water Pollution Control Manager Stormwater Training required for NDOT's construction contractors, and NDOT's escalation policy for contractor stormwater non-compliance.

Contech Engineered Solutions, LLC. issued an eNews press release in May, 2015 highlighting NDOT's use of the "Jellyfish" stormwater filter. This manufactured stormwater treatment device was installed as part of NDOT's recent water quality improvements constructed along SR-28 in the Lake Tahoe Basin (Contract 3440). A copy of the press released is provided in Appendix F.

NDOT has successfully integrated social media into its Stormwater Management Program public outreach efforts. NDOT released stormwater related messaging through social media avenues such as Facebook and Twitter. Messaging focused on stormwater related activities and projects, water quality, illicit-discharges, and erosion control. Examples of Facebook posts include the posting of NDOT's stormwater brochure, reaching out to the public to identify and report illicit discharges within NDOT's right of way, and directing the general public to NDOT's Stormwater Management Program website.

Since November, 2014[15], NDOT posted an estimated 19 Facebook entries with a total "reach" of 12,103, including "likes" and "shares." NDOT's Twitter posts, i.e. "tweets," have been "re-tweeted" more than 35,000 times. Examples of internal and social media outreach messages are provided in Appendix F.

NDOT partnered with the Tahoe Regional Planning Agency to construct permanent signs within NDOT's right-of-way along SR-207, SR-431, and US-50 in the Lake Tahoe Basin. The signs

[15] Social media numbers were reported in July, 2015.

were installed at each highway's respective summit locations along the Lake Tahoe watershed boundary with the following messaging: "Entering the Lake Tahoe Watershed, Help Protect It." A photograph depicting one of the signs is provided in Appendix F.

NDOT partnered with the Nevada Tahoe Conservation District as part of the Incline Village Green Streets Project, which is a low impact development retrofit project for existing stormwater treatment system in the Lake Tahoe Basin. Signs were installed at various locations informing the general public of the project. A photograph depicting one of the signs is provided in Appendix F.

NDOT's Kingsbury Grade Improvement Project Road Construction Update webpage noted that the project will improve roadway drainage and stormwater runoff quality. Information pertaining to this project can be found at the following website:
http://kingsburyproject.com/construction-updates/

NDOT's Stormwater Management Program website continued to serve as one of NDOT's primary avenues for disseminated stormwater related information to NDOT employees as well as the general public. Information pertaining to NDOT's SWMP, EPA audit/reporting, NDOT's MS4 Permit, NDOT's water quality manuals, training and policies, illicit discharge detection and reporting, hydraulic facility inventory mapping, and the Lake Tahoe Environmental Improvement Program continued to be available for viewing by NDOT employees and the general public. During the Reporting Period, the website received 3,221 views. A breakdown of the views by webpage is provided below in Table 2.

Table 2. Stormwater management program website views broken down by view type[16] and webpage.

Webpage	Pageviews	Unique Pageviews
Stormwater Management Program (Homepage)	1,178	969
Stormwater Management Plan	332	259
EPA Audit	254	213
MS4 Permit	281	242
Manuals	270	218
Training and Policies	210	178
Illicit Discharge Reporting	405	318
Mapping Inventory	251	201
Lake Tahoe Environmental Improvement	1,155	977
Helpful Information	40	34
Total	4,376	3,609

NDOT's Stormwater Management Program website can be accessed at the following web address: http://www.nevadadot.com/StormWater/

NDOT considers the Stormwater Management Program webpage as being a dynamic avenue for conveying stormwater related outreach and information to both employees and the general public. Consequently, periodic updates to the website will continue to occur.

Employee Outreach

On August 27, 2014, NDOT's Water Quality Section participated in NDOT's annual District Office Manger's Meeting in Ely, NV, which is attended by NDOT's office managers and various District personnel statewide. A presentation was given describing NDOT's stormwater training program, with a focus on stormwater training requirements and emphasizing the importance of education pertaining to illicit discharge detection and elimination.

[16] A "Pageview" is recorded every time a page is viewed, i.e. every time a page is opened in the web browser. A "Unique Pageview" is recorded every time a page is viewed in an individual session as a single event, i.e. whether the page was viewed once or multiple times during an individual session, the number is recorded as just one viewing.

On September 25, 2014, NDOT's Water Quality Section gave a presentation at NDOT's District II Fall Maintenance Meeting in Topaz, NV. Attendees consisted primarily of various District II Maintenance personnel. Presentation material focused on NDOT's Facility Pollution Prevention Plans (FPPPs), emphasizing FPPP administrator responsibilities. Participation in this venue provided a great opportunity to discuss NDOT's responsibilities and objectives regarding stormwater pollution prevention at NDOT's Maintenance Facilities, to answer questions regarding appropriate BMP implementation, and to reinforce the Water Quality Section's role with providing guidance and assistance to NDOT Maintenance personnel to ensure Permit compliance.

On November 3, 2014, NDOT's Research Section forwarded a copy of the *Transportation Research Board's National Cooperative Highway Research Program's Report 792: Long-Term Performance and Life-Cycle Costs of Stormwater Best Management Practice*s to all NDOT employees. A primary objective of the report was to provide a means to assist stormwater practitioners with evaluating potential stormwater treatment scenarios by utilizing the "BMP Evaluation Tool," and providing information on non-structural and source control BMPs.

The November, 2014 issue of NDOT's "The Centerline E-Blast"[17] dedicated a section entirely to water quality. A link to NDOT's storm drain stenciling video was included on the front page of the newsletter. A copy of the water quality section of the newsletter is provided in Appendix F.

On January 12, 2015, NDOT released a Director's Office Update notifying internal employees on tips for keeping waterways and stormwater drainage systems clean. A copy of the update is provided in Appendix F.

On May 5, 2015, NDOT released a Director's Office Update informing NDOT employees of NDOT's submittal of Senate Bill 324 for legislature consideration, and reiterating NDOT's receipt of a draft consent decree from the U.S. EPA[18].

On June 22, 2015, NDOT's Research Section forwarded a copy of the *Transportation Research Board's National Cooperative Highway Research Program Research Results Digest 395: Claims*

[17] The Centerline is an internal newsletter released on a monthly basis to all NDOT employees providing updates on a variety of NDOT related topics.
[18] Specifics of the draft decree were not disclosed in the Director's Office Update.

Related to Stormwater Discharge to all NDOT employees. The report explores transportation agencies' legal liability for contaminated stormwater discharge, even with coverage under a NPDES permit. The report discusses the function and parameters of an NPDES permit and its relationship to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, i.e. Superfund. The report provides an analysis of the decisions in United States v. Washington State Department of Transportation and Natural Resources Defense Council v. County of Los Angeles, while examining the results of a survey that explored the impact of the court decisions and the nature of non-compliance claims asserted against state transportation agencies with current NPDES permits.

On June 25, 2015, NDOT's Water Quality Section disseminated to Maintenance Managers in all three Districts information pertaining to an innovative BMP developed by the Lund Maintenance Crew to prevent/reduce potential stormwater pollution from leaking distributor trucks.

NDOT's Water Quality Section developed outreach material that is now included in all new hire packets (as of June, 2015). NDOT's objective was to convey the concept of stormwater management and its impact on water quality in a manner that didn't just focus on NDOT's goal of meeting "regulatory requirements," but in manner that would foster individual awareness, understanding, and responsibility. A copy of the outreach material is provided in Appendix F.

NDOT's Environmental Services Division, Water Quality Section SharePoint site is being utilized as a source of water quality related information which can be accessed by employees internally via the intranet. During the reporting period, copies of all FPPPs were housed on the SharePoint site for internal employee viewing. NDOT will continue to utilize the Water Quality Section SharePoint site as a clearing house for various water quality related information which can be accessed by internal employees at their convenience.

Adopt-a-Highway and Sponsor-a-Highway

NDOT continued to utilize the Adopt-a-Highway Program to assist with trash cleanup efforts along State maintained roadways. The program was established in 1990 to allow non-political organizations, volunteer groups, and individuals to participate in maintaining and enhancing Nevada's highways through community service at no cost to the group. Approximately 360 groups participated in trash cleanup efforts over an estimated 514 miles of rural highway

statewide during the Reporting Period. Participants perform trash cleanup activities at least four times a year.

NDOT continued to utilize the Sponsor-a-Highway program to assist with trash cleanup efforts along urban freeway corridors in the Las Vegas and Reno areas. Firms and organizations seeking recognition for community service for litter cleanup efforts through this program may do so through pre-qualified contractors approved by NDOT. During the Reporting Period, approximately 211 shoulder miles plus 22 interchange areas were sponsored in Southern Nevada, i.e. Las Vegas Valley areas. Trash cleanup efforts occur at least twice each month.

NDOT is in the process of establishing a new Sponsor-A-Highway program in Northern Nevada, i.e. Reno/Sparks, Carson City, and Douglas County areas).

Employee Stormwater Training Program

NDOT continued to train its employees in all three Districts through its Stormwater Certification Training course. Thirty individual 8-hour training courses were held throughout all three Districts, with over half occurring in District I. A total of 838 individuals statewide successfully completed the training course during the Reporting Period (Figure 2), which equates to an estimated 89% of those individuals identified as requiring completion of this course are compliant. Breaking down the overall compliance percentage into individual District compliance percentages yields the following: District I reported 96% compliance, District II reported 95% compliance, and District III reported 71% compliance with meeting stormwater training requirements. These included personnel from Maintenance, Construction, Right-of-Way, Equipment, and various District personnel. The 89% is an increase from the 74% as reported in the FY 2014 Annual Report.

NDOT conducted a total of 30 stormwater trainings for employees throughout the state during the Reporting Period compared with 29 conducted over the previous two fiscal years. Table 3 shows the breakdown of trainings conducted within each of the three districts.

Figure 2. NDOT Certified Stormwater Inspector certifications issued by fiscal year.

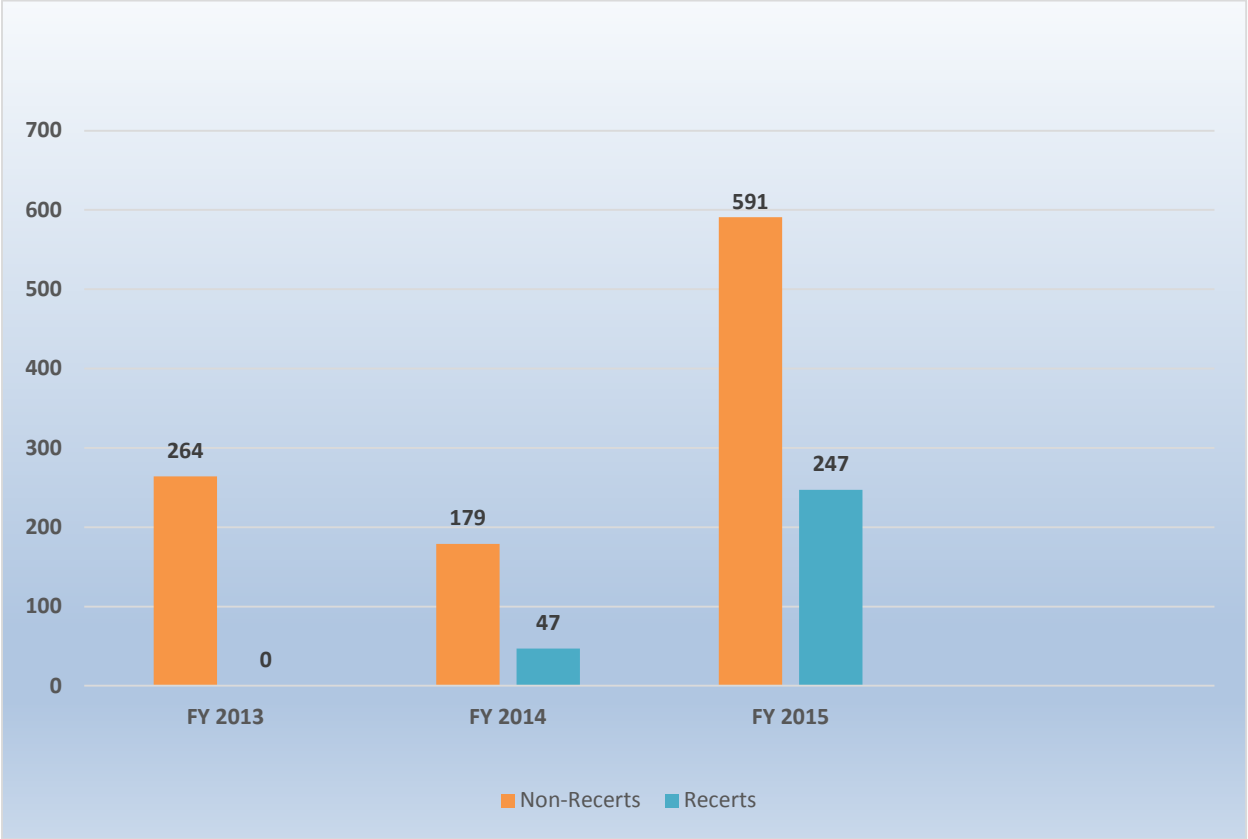


Table 3. NDOT Stormwater Certification Training courses offered in each District by fiscal year.

	FY 2013	FY 2014	FY 2015
District I	11	5	17
District II	5	3	7
District III	2	3	6
Total	18	11	30

NDOT will continue to provide stormwater training courses in all three Districts with the goal of improving upon the 89% compliance.

NDOT continued with revising its Stormwater Certification Training courses. NDOT's plan was to break down the current training class into separate training modules tailored towards specific disciplines, i.e. Maintenance, Designers, etc. This effort was delayed as several training-related SWMP elements, i.e. development of the Maintenance Facility Best Management Practices

(BMPs) Manual, were being developed/modified as well as other unforeseeable issues. Consequently, completion of the revised training curriculum was delayed.

As part of the modification to NDOT's internal stormwater training program, a training module specific to NDOT's construction contractors was being developed; however those efforts have been suspended as a result of the development and subsequent implementation of the NDOT-AGC Water Pollution Control Manger stormwater training course (described below).

In addition to the modified Stormwater Certification Training course, NDOT's Water Quality and Training Sections initiated discussions with the Training Division to develop a "general stormwater" training course for all NDOT employees to take. Course content has not been finalized, however it is anticipated that material will broadly cover a wide range of stormwater related topics. With NDOT developing a training section specifically for meeting the needs of the Stormwater Management Program, it is anticipated that the revised employee stormwater training program will be implemented in FY 2016.

Construction Contractors

NDOT and the Associated General Contractors/Nevada Contractors Association-Las Vegas collaborated to develop and subsequently implement a stormwater training course tailored to NDOT's construction contractors (specifically the contractor's Water Pollution Control Manager). This stormwater training class is a two day, 16-hour training course focusing on construction site stormwater compliance on NDOT projects. Course content includes an overview of state and federal stormwater regulations, NDOT's contract specifications pertaining to water pollution control, BMP implementation, NDOT's Construction Site Best Management Practices (BMPs) Manual, and BMP inspection, installation, and maintenance. Classes were announced to the contractor community via NDOT's Contractor Bulletin Special Notices (a copy of the April 24, 2015 bulletin is provided in Appendix F). Classes are held in Las Vegas, Reno/Sparks, and Elko throughout the year for contractors across the state to attend. The inaugural class was held in Las Vegas on May 6-7, 2015. Contractor requirements for attending this class went into effect for contracts advertised after June 1, 2015.

Recognizing the importance of having a uniform knowledge base and a consistent level of instruction for both NDOT's contractors and NDOT field personnel overseeing contractor work,

NDOT is requiring its Resident Engineers, Assistant Resident Engineers, and construction crew stormwater inspectors to attend this class as well. For the three classes that were held during the Reporting Period (two in Las Vegas and one in Reno), 152 individuals attended the training, of which 73 were NDOT employees involved with construction.

NDOT continued partnering efforts with its contractors as well as utilizing contract specifications for educating its contractors regarding construction site stormwater pollution control/compliance. The following contracts that were closed out during the Reporting Period incorporated a formalized partnering component into the construction project: 3292, 3433, 3461, 3447DB, 3505, 3509, 3516-READV, 3533, 3539, 3547, 3555, 3560, 3562, 3568, 3569, 3570, 3571, 3572, 3573, 3575, 3582, 800-14, 801-14, and 802-14.

NDOT's Water Quality Section continued pre-construction communication efforts with NDOT's contractors, addressing stormwater related concerns and water quality related requirements.

Various Training

NDOT Water Quality Section personnel (2) attended the two-day AGC Contractor Stormwater Training in Phoenix, AZ from November 12th – November 13th, 2014. This training course is required for Arizona Department of Transportation (ADOT) contractors as well as various ADOT staff. NDOT attended this training with the primary goal of gaging its potential to being the primary means for educating construction contractor's working on NDOT projects.

NDOT Water Quality Section personnel (1) attended the 2014 National Stormwater Practitioners Meeting held in Washington D.C. from July 28th – July 31st, 2014. The biannual meeting facilitated by the American Association of State Highway Transportation, Center for Environmental Excellence, serves as a forum for stormwater representatives from the various state DOTs to discuss a broad range of stormwater related topics. NDOT's Water Quality Section has been a participant at this event since its inception in 2008.

On November 21, 2014, various topics concerning construction site stormwater compliance were discussed at NDOT's annual Resident Engineer's meeting in Las Vegas. This session was attended by 21 NDOT personnel, mostly from NDOT's Construction Division.

On December 4, 2014, NDOT's Water Quality Section and District I Administrative personnel held a stormwater briefing; 4 Maintenance personnel were in attendance.

On December 15, 2014, NDOT's District II Maintenance personnel held a FPPP compliance workshop; 31 District and Maintenance personnel were in attendance.

On December 18, 2014, NDOT's Water Quality Section facilitated a stormwater BMP workshop in Las Vegas; 62 Maintenance and District personnel were in attendance.

On March 5th, 2015, NDOT's Water Quality Section, District Training, and Administration personnel facilitated two stormwater BMP workshops in Las Vegas; 84 Maintenance and District personnel were in attendance.

On April 9th, 2015, NDOT District 1 Administrative personnel held a stormwater briefing in Las Vegas; 33 Equipment Division personnel were in attendance.

III.G. Construction Site BMP Program

Weekly Site Discharge Inspection Checklist

NDOT's Certified Stormwater Inspectors continued to utilize the "Weekly Site Discharge Inspection Checklist[19]" (Checklist) as a means for documenting construction site stormwater inspections performed on NDOT contracts. Contractors are required to perform inspections at the frequency specified in the contract documentation; however NDOT's inspectors perform oversight inspections to ensure the contractor is compliant with the various water quality permits procured (most notably the NDEP and/or EPA issued Construction General Permit) and NDOT's contract specifications. Checklists are completed by the appropriate NDOT Certified Stormwater Inspector and submitted to the appropriate District Water Quality Specialist for review and signature. The appropriate Resident Engineer is notified of issues, discrepancies, etc. by the Water Quality Specialist following their review.

Construction Site Best Management Practices (BMPs) Manual

Revisions to NDOT's "Construction Site Best Management Practices (BMPs) Manual" were ongoing during the Reporting Period. The last revision to the manual was performed in 2006.

[19] Modified in FY 2014

Once completed, the revised manual will be the primary BMP guidance document for all construction activities within NDOT's right-of-way. The new manual was scheduled for completion in FY 2015; however due to various setbacks, the revised document is not scheduled for completion until early FY 2016.

Nevada Contractors Field Guide for Construction Site Best Management Practices

A copy of the current Nevada Contractors Field Guide for Construction Site Best Management Practices (December 2013 Update) was placed on NDOT's Stormwater Management Program website, within the "Helpful Information" webpage. NDOT participated as a reviewer of this document during FY 2014.

Contract Specifications

NDOT released its *Standard Specifications for Road and Bridge Construction, 2014* during the Reporting Period. Recognizing the importance of partnering and its positive benefits with resolving conflicts, NDOT created a standard specification - **Section 105.05 Partnering**. Consequently, NDOT's contractors are required to adhere to the requirements of this subsection for all contracts that fall under the provisions of the new standards specifications. Prior to the development of this standard specification, formal partnering efforts were addressed in contract special provisions **Sections 108.04 or 685.01.01**. Formal partnering is a tool utilized by NDOT and its contractors to assist with resolving all contract related issues, including stormwater compliance.

Shortly after the release of the new standard specifications, revisions pertaining to construction site BMP non-compliance were completed. A description of these revisions is provided in ***III.B. Legal Authority*** of this annual report.

III.H. NDOT Contractors Performing Construction Activities

Construction Projects Awarded

NDOT awarded 29 construction contracts during the Reporting Period, of which 8 obtained coverage under the Stormwater General Permit NVR100000 (Table 4).

Table 4. NDOT contracts awarded during FY 2015 and their corresponding Stormwater General Permit NVR100000 site (CSW) number.

Contract No.	Award Date	CSW No.
3551	8/18/2014	40292
3556	7/14/2014	39984
3566	9/26/2014	N/A
3572	7/9/2014	N/A
3574	8/18/2014	40016
3575	8/20/2014	N/A
3576	12/15/2014	40525
3577	11/12/2014	N/A
3578	12/11/2014	N/A
3580	2/10/2015	40775
3581	1/14/2015	N/A
3582	2/27/2015	N/A
3584	4/8/2015	N/A
3585	5/11/2015	40920
3587	5/4/2015	N/A
3588	5/14/2015	N/A
3589	5/4/2015	N/A
3591	6/11/2015	N/A
3592	6/15/2015	N/A
3593	6/15/2015	N/A
800-15	3/11/2015	N/A
801-15	3/11/2015	N/A
803-15	3/13/2015	N/A
804-15	4/23/2015	40829
807-15	4/6/2015	N/A
808-14	12/16/2014	N/A
808-15	6/25/2015	N/A
812-14	11/26/2014	40370
811-14-101	9/24/2014	N/A

Contracts that did not obtain coverage under Stormwater General Permit NVR100000 did not meet requirements warranting permit procurement, consequently they are designated with a “N/A” for a CSW No. An NDOT standard practice, all Contracts, regardless of Stormwater General Permit NVR1000000 procurement, are required to implement temporary pollution control measures as specified in NDOT’s “Construction Site Best Management Practices (BMPs) Manual” (as appropriate).

Notices of Violations were not issued by NDEP on any NDOT construction projects during the Reporting Period. However, NDEP did issue a cease and desist letter on September 23, 2014 to

NDOT's contractor (Road and Highway Builders, LLC.) on contract 3525[20] for being in violation of the Clean Water Act and Nevada Revised Statute (NRS) 445.465. NDEP did not inform NDOT of any disciplinary action taken against Road and Highway Builders, LLC, therefore it is not confirmed whether or not a Notice of Violation was issued to the contractor. However, NDOT and NDEP authorized Road and Highway Builders, LLC. to resume construction activities on September 29, 2014.

Construction Projects Closed Out

NDOT closed out 26 contracts during the Reporting Period. Of those, 6 obtained coverage under Stormwater General Permit NVR100000. Of those 6 permits, 4 permits were "Terminated" upon project completion with 2 having transferred complete ownership to NDOT until final stabilization requirements are met (Table 5). One contract successfully obtained a permit waiver.

Table 5. NDOT contracts closed out during FY 2015, and their corresponding Stormwater General Permit NVR100000 site (CSW) number, and associated closeout status upon project completion.

Contract	CSW No.	Permit Closeout-Status[21]
3292	3338	NOC/Transfer
3433	21310	Terminated
3447DB	21952	NOC/Transfer
3461	N/A	N/A
3505	N/A	N/A
3509	N/A	N/A
3516-READY	31760	Terminated
3529	N/A	N/A
3533	33462	Terminated
3539	39213	Terminated
3547	N/A	N/A
3555	N/A	N/A
3560	N/A	N/A
3562	N/A	N/A
3568	N/A	N/A
3569	N/A	N/A
3570	N/A	N/A

[20] It was noted in the FY 2014 Annual Report that NDOT informed NDEP in December, 2013 of concerns regarding Road and Highway Builders, LLC ability to maintain compliance with their Temporary Working in Waterways Permit. NDOT is unaware of any Notice of Violation issued by NDEP as a result of these concerns.

[21] NOC refers to NDEP's "Notice of Change" form. As of January, 4, 2014, the Notice of Change and associated process for transferring ownership of the Stormwater General Permit was discontinued by NDEP.

Table 5 (cont'd)

Contract	CSW No.	Permit Closeout-Status
3571	39794-Waiver	N/A
3572	N/A	N/A
3573	N/A	N/A
3575 3582	N/A N/A	N/A N/A
800-14	N/A	N/A
801-14	N/A	N/A
802-14	N/A	N/A
803-13	N/A	N/A

NDEP closed out, i.e. Terminated, the following Stormwater General Permits during the Reporting Period that were previously transferred to NDOT:

- Contract 3292 (CSW-3338)
- Contract 3367 (CSW-10116)

III.I. Discharges from New Development and Redevelopment

NDOT closed out 9 construction contracts during the Reporting Period that incorporated permanent BMPs and stormwater improvements into the design. A listing of these contracts is provided below in Table 6.

Table 6. Construction contracts closed out during FY 2015 that incorporated permanent BMPs.

Contract	Project Limits[†]	Permanent BMP Installed[‡*]
3292	I-580 (WA 5.36 to 15.85)	General stormwater improvements, riprap, stilling basin, detention basins, baffled outlet structures, sand/oil interceptors
3433	US-50 (DO 7.13 to 7.63)	Engineered vegetated slopes, dual sediment cans, revegetation
3447	I-15 (CL 120.34)	Riprap
3461	I-80 (EL 102.79 to 117.68)	Slope flattening, landscaping, revegetation
3505	US-50 (LY 14.00 to 19.90)	Slope flattening, riprap, earthen berms
3516	I-580 (CC 0.56 to 3.42)	General stormwater improvements, detention basins, riprap, revegetation, landscaping
3533	I-80 (EU 15.731 to 25.7, EL 0.00 to 1.1)	Slope flattening, riprap, revegetation

Table 6 (cont'd).

Contract	Project Limits[†]	Permanent BMP Installed[‡*]
3539	US-95 (HU1.50 to 33.00)	General stormwater improvements, slope flattening, riprap, revegetation
3571	US-395 (DO 17.89)	Slope flattening, riprap

[†]Route number followed by mile posting (letters indicate county abbreviations)

[‡]Permanent BMPs located at one or multiple locations within the project limits

*Riprap utilized as drainage protection, slope protection, erosion control, etc. Miscellaneous stormwater facility improvements can include curb and gutter, island paving, trench drains, drop inlet modifications, embankment protectors, paved ditches, ditch grading, ac swales and dikes, etc. Retaining walls can include MSE walls, soil nail and/or cantilever walls. Landscaping can include containerized plantings, native plant transplanting, decorative rock, mulching, water harvesting, etc. Revegetation can include hydroseeding, drill seeding, etc.

NDOT's Water Quality Section documented the review of approximately 61 District, Design, and Local Public Agency (LPA) projects. As part of the plan review process, the need for water quality permit procurement and post-construction permanent erosion control measures were assessed and documented. Low Impact Development (LID) methodologies were recommended as appropriate. The information was conveyed to the appropriate project designer for incorporation into the design and/or specifications (as appropriate).

NDOT's Water Quality Section documented the review of approximately 65 right-of-way encroachment permit applications. Impacts to the Department's right-of-way were assessed. The need for stormwater mitigation measures and coverage under various water quality permits (as appropriate) for each project was documented. Information was then conveyed to the appropriate right-of-way agent for inclusion in the permit documentation.

NDOT's Hydraulics Section continued to design projects in support of the Environmental Improvement Program in the Lake Tahoe Basin during the Reporting Period (Table 7). Each project will incorporate permanent stormwater BMPs into the design to treat stormwater runoff prior to discharging into Lake Tahoe.

Table 7. Summary of routes and corresponding area locations in the Lake Tahoe Basin undergoing a design for stormwater improvements.

Route	Location	Anticipated Construction Year
SR-28	Sand Harbor to Carson City County Line	2017
US-50	Cave Rock to Spooner Summit	2016
US-50‡	Zephyr Cove	2016
US-50‡*	Burke Creek	2016

‡The Nevada Tahoe Conservation District is the project lead with NDOT participating in the design process and providing financial support. Other partners include the Nevada Division of State Lands.
*Other partners include the Tahoe Regional Planning Agency (TRPA) and the U.S. Forest Service.

Low Impact Development

During the review of NDOT project designs, 17 projects were recommended for LID measure inclusion, e.g. revegetation, stormwater basins, etc. The remaining projects reviewed were either too early in the design phase to determine if LID measures were applicable, or the project scope did not warrant the incorporation of LID measures.

The Western Transportation Institute (WTI) assisted NDOT with a 20-month research study titled "Evaluation of Pervious Concrete Mixes in Areas Subject to Snow Plow Operations and Abrasive and Salt Application" to assess the effectiveness of permeable concrete on reducing fine sediment in areas exposed to winter road maintenance operations. Test sections (2) were monitored in the Lake Tahoe Basin. A final report was developed and submitted to NDOT in FY 2014. A discussion of the report's findings is provided in section ***IV.A. Stormwater Monitoring*** of this Annual Report.

NDOT partnered with the Nevada Tahoe Conservation District as part of the Incline Village Green Streets Project, which is a low impact development retrofit project for existing stormwater treatment systems in the Lake Tahoe Basin. LID treatment measures, i.e. rain gardens, were constructed at 6 locations along SR-28.

Revisions to NDOT's Planning and Design Guide (PDG) is underway. The guide is intended to provide direction and reasonably uniform procedures to affect an efficient and standardized application of permanent stormwater BMPs into the project design process, including LID

measures. The current edition of the PDG is 2006. A final version of the PDG was scheduled to be complete in FY 2015; however due to various setbacks, the revised document is scheduled for completion in FY 2016.

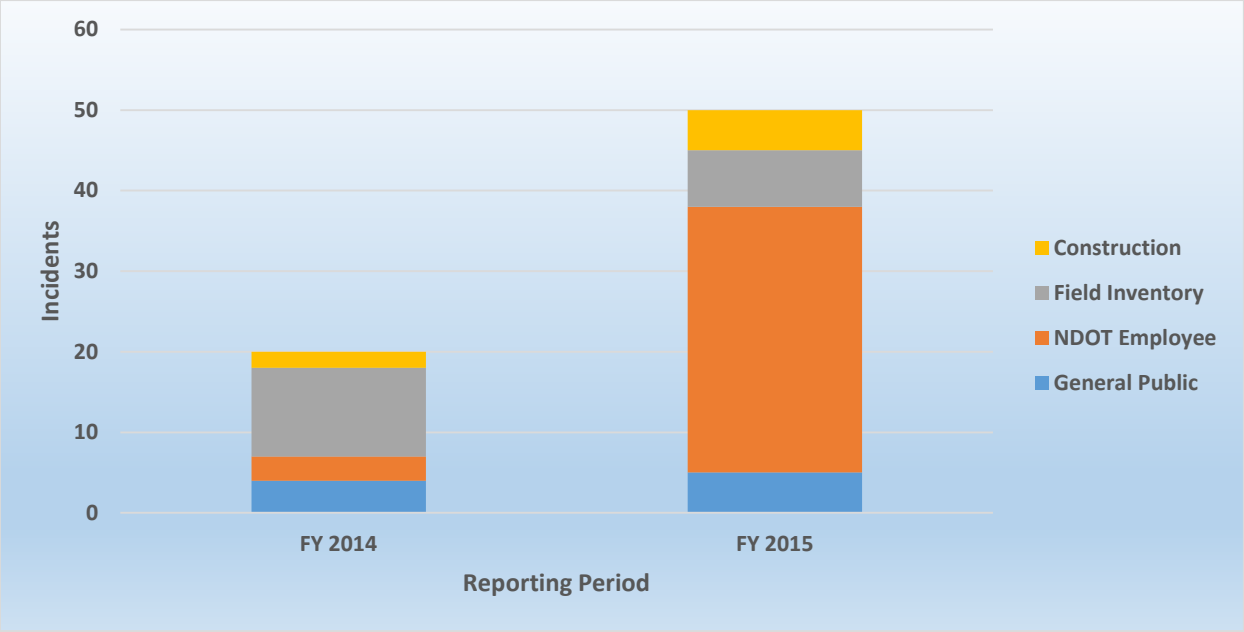
III.J. Illicit Discharge Detection and Elimination System

IDDE Program

NDEP revised all aspects of its Illicit Discharge Detection and Elimination (IDDE) Program (Section 3.7 of the SWMP) in FY 2014, consequently the FY 2015 Reporting Period became the first opportunity to implement the program, observe how it is working, and evaluate its functionality.

All IDDE inspections and spill reports described in the following sub-sections have been documented in NDOT's Illicit Discharge Reporting and Response Database (housed and maintained by NDOT's Water Quality Section). Figure 3 displays the number of reported illicit discharge incidents reported by the general public, NDOT employee, field personnel performing hydraulic facility mapping and inventory, and NDOT construction personnel working on NDOT construction contracts.

Figure 3. Illicit discharge incidents reported by group during the FY 2014 and FY 2015 reporting periods.



As depicted in Figure 3, illicit discharge related incidences reported to the Water Quality Section in FY 2015 (50) more than doubled from was reported during FY 2014 (20), with the largest increase coming from NDOT employees. This substantial increase can be attributed to NDOT's heightened emphasis on illicit discharge related outreach and education efforts.

Major Outfall IDDE Inspections and Investigations

NDOT has inventoried approximately 11,000 major outfalls within its MS4 Permit area since inventory efforts began in FY 2013. As part of the inventory and mapping efforts, IDDE field inspections are performed along with other assessments (e.g. scour evaluations). The post-processing of field data is an ongoing; consequently the exact number of IDDE inspections associated with this effort is not known. However, it is conservatively estimated that 69% of the 11,000 major have been fully assessed, i.e. undergone an illicit discharge inspection, scour evaluation, etc. As field data completes post-processing, assessment related documentation is stored within the GIS database with the appropriate hydraulic facility. Documentation supporting these field investigations is housed within NDOT's Headquarters in Carson City.

During the Reporting Period, 7 illicit discharge investigations resulted from the field inventory efforts compared with 11 during the FY 2014 Reporting Period. Descriptions of the 7 investigations are provided below.

- District I
    - SR-579 (CL 26.0): NDOT Water Quality Section personnel observed unusual staining around and within a drop inlet located behind Ahern Rentals that conveys stormwater runoff into NDOTs MS4 along US-95. No actual discharge was observed. NDOT submitted a "Notice of Illegal Discharge or Connection" to the business owner. The business responded that the issue would be remedied. This location is a candidate for future illicit discharge inspections.
- District II
    - SR-396 (PE 7.29): NDOT Public Service Intern staff observed a questionable discharge was observed flowing through NDOT's cross culvert from the adjacent EP Minerals, LLC processing plant. NDOT notified NDEP of the discharge and requested information as to whether or not the discharge in question was covered under an Industrial Stormwater Permit or other NPDES permit. NDEP responded by stating that the company was not covered under an NPDES permit. NDOT's Water Quality Section submitted a letter to EP Minerals, LLC requesting documentation authorizing the discharge in question. NDOT received verification from the company that the discharge in question was waste water from their facility being conveyed to a nearby retention pond. The company provided NDOT with documentation supporting the facility's exemption from NPDES permitting due to a lack of discharge into a waters of the U.S. NDOT did not receive any further correspondence from NDEP on the matter. NDOT considers the matter closed.

- District III

    - SR-305 (LA 77.0 to 78.0): NDOT Public Service Intern staff observed a pipe running through a culvert beneath SR-305. Subsequent investigative efforts determined that the pipe is no longer in use and may have been remnants of a previous construction contract. No discharge was observed. NDOT considers the matter closed.

    - SR-228 (EL 4.8): NDOT Public Service Intern staff observed water flowing out of a pipe near the outlet of one of NDOT's stormwater facilities. Subsequent investigative efforts determined that the pipe was being used to convey water from Cottonwood Creek to a nearby ranch for agricultural purposes.

    - I-80 (HU 47.0 to 48.0): NDOT Public Service Intern staff observed a pipe running through a culvert beneath I-80. Subsequent investigative efforts, including contacting NDEP, determined that the pipe in question was previously utilized by the nearby Lone Tree Mine to convey clean water to a steam facility. NDEP verified that the pipe has been abandoned with many sections already removed. No discharge was observed. NDOT considers the matter closed.

    - SR-278 (EU 66.6): NDOT Public Service Intern staff observed a pipe running through a culvert beneath SR-278. Subsequent investigative efforts determined that the pipe was non-functional and previously utilized for agricultural purposes. No discharge was observed. NDOT considers the matter closed.

    - SR-225 (EL 59.3): NDOT Public Service Intern staff observed a pvc pipe daylighting from the ground surface near an NDOT stormwater facility. No discharge was observed. Subsequent investigative efforts determined that the pvc pipe was outside of NDOT's right-of-way and utilized to convey flow from a nearby beaver dam in Pie Creek. No discharge was observed. NDOT considers the matter closed.

Illicit Discharge Reporting by NDOT Employees

Illicit discharge investigations were conducted as a result of NDOT personnel observing suspicious materials or discharges in or near NDOTs right-of-way as they were performing their normal, routine day-to-day activities. As a result of this heightened awareness, 33 illicit discharge investigations ensued compared with 3 conducted during FY 2014.

- District I:
    - SR-376 (LA 17.8): NDOT Maintenance staff observed white colored material (suspected as lime) dumped along the roadway shoulder. The material was subsequently cleaned up by NDOT's on-call hazardous waste cleanup contractor.
    - SR-593 (CL 3.82): District I Permits Section notified the Water Quality Section that a large volume of water was discharging onto Tropicana Blvd. as a result of a broken water line. NDOT Maintenance staff responded to the scene and swept residual sediment from the roadway. Additionally, NDOT's Water Quality Section filed a spill report with NDEP. Spill Report # 150317-01.
    - SR-593 (CL 4.55): McDonald's restaurant staff was observed hosing down a parking lot with the resultant wash water discharging into NDOT's storm drain system. Water Quality Section staff submitted a "Notice of Illegal Discharge or Connection" to the company stating that the observed activity was considered illicit to NDOT's MS4. NDOT's Maintenance staff was dispatched to clean sediment and other residual material deposited within the roadway as a result of the washing activity. Additionally, NDOT's Water Quality Section filed a spill report with NDEP. Spill Report # 150317-02.
    - US-93 (LN 8.5): NDOT District I Right-of-Way Section personnel notified the Water Quality Section of unauthorized trash disposal along the roadway. NDOT Maintenance personnel were subsequently notified of the incident and cleaned up the material.
    - SR-593 (CL 1.04): Water Quality Section staff observed a large volume of water discharging from a Motel 6 property. Water Quality Section staff verbally

discussed the incident with business staff; the discharge in question was a result of fire hydrant flushing which is considered an authorized non-stormwater discharge into NDOT's MS4.

- SR-159 (CL 23.5): NDOT Right-of-Way Section personnel observed a dry weather flow discharging from Montclair St. onto SR-159. Upon further investigation, the source of the discharge in question was a mobile dog grooming vehicle. The NDOT employee verbally notified the business owner that this type of discharge was not authorized within NDOT's MS4 Permit area and could not continue.

- SR-159 (CL 28.47): NDOT Water Quality Section personnel observed a dry weather flow discharging onto SR-159 near S. Eastern Ave. Upon further investigation, the discharge in question was the result of a broken water line under the jurisdiction of the Las Vegas Valley Water District (LVVWD), which at the time of observance, was actively being repaired.

- SR-573 (CL 2.03): NDOT Maintenance personnel reported that a dirt berm was placed in the gutter pan along SR-573, serving as a ramp for ease of access to an adjacent property owner's yard. Water Quality Section personnel submitted a "Notice of Illegal Discharge or Connection" to the property owner requesting that the material be removed. The property owner complied and removed the dirt berm.

- SR-612 (CL 42.0): NDOT Maintenance personnel reported that a company was pressure washing a bus stop with the resultant was water discharging into NDOT's right-of-way. NDOT Water Quality Section personnel contacted the City of Las Vegas; it was revealed that the pressure washing activity was under the administration of the Regional Transportation Commission (RTC). The City of Las Vegas issued the RTC a Notice of Violation.

- I-15 (CL 50.1): NDOT Water Quality Section personnel observed water discharging from a pipe into NDOT right-of-way from a nearby Sierra Ready Mix facility. A notice of "Illegal Discharge or Connection" was submitted to the company requesting a cease to the discharge. The company complied and the discharge in question was removed from NDOT's right-of-way.

- SR-578 (CL 27.02): NDOT Water Quality Section personnel observed water flowing into NDOT right-of-way from an adjacent, non-NDOT construction project. The discharge in question was the result of a hose left running. Water Quality Section staff verbally addressed the incident with the contractor (Whiting-Turner); consequently the contractor turned off the hose and swept the street. The local municipality with jurisdiction over the construction project, i.e. the City of Las Vegas, was notified of the incident as well.

- SR-589 (CL 30.42): NDOT District Maintenance staff reported a substantial amount of sediment deposited on the roadway as a result of stormwater discharging across bare ground from the adjacent Maycliff RV and Mini Storage property. A "Illegal Discharge or Connection" letter was submitted to the business requesting that the erosion problem be addressed. The business complied by stabilizing the eroded area and constructing a small detention area to collect stormwater runoff prior to discharging onto NDOT's right-of-way.

- US-95 (CL 98.8): NDOT Maintenance personnel reported to NDOT's Water Quality Section that a contractor working under a non-NDOT Central Federal Lands project was disposing culvert cleaning materials, i.e. sediment and water, in NDOT's "99 Pit" (CL18-02). NDOT Maintenance personnel contacted the contractor responsible for the dumping; consequently the contractor ceased further dumping and removed the sediment from the pit.

- Off-System (Near Russel Rd. and Topaz St.): Water Quality Section staff observed a dry weather flow within a stormwater facility operated by the Clark County Regional Flood Control Facility (CCRFCF). Water Quality Section staff notified the CCRFCF staff of the incident; the flow in question was not within NDOT's right-of-way.

- District II

  - SR-647 (WA 11.09): NDOT Water Quality Section staff received notification of a dry weather discharge within NDOT's right of way. The ensuing site investigation determined that the discharge in question was perpetuated across NDOT's right-of-way and discharging into the Truckee River. Samples of the discharge were

collected by Water Quality staff and analyzed at a Nevada Certified Laboratory. Results indicated elevated levels of phosphorus. NDOT determined that the origin of the water could be seepage from the nearby Chalk Bluff Water Treatment Facility owned and operated by the Truckee Meadows Water Authority (TMWA). Water Quality Section personnel notified TMWA of the issue; consequently TMWA discovered a water valve located on their property was stuck in the open position. TMWA fixed the valve; subsequent inspections have revealed that the discharge through NDOT's culvert has ceased.

- FRCC05 (CC 0.13): NDOT Water Quality Section staff observed an NDOT employee power washing the fueling area at the Carson City Maintenance station. Water Quality Section staff verbally addressed the issued with the employee stating that the activity could result in an unauthorized discharge into the storm drain system. The activity was immediately discontinued and follow-up correspondence was submitted to both the employee and the appropriate supervisors addressing the issue.

- I-580 (WA 7.3): NDOT Water Quality Section staff observed a 4-inch HDPE pipe running through an NDOT culvert. NDOT District II Permits Section researched the pipe in question and determined that pipe was installed under an encroachment permit to facilitate irrigation water.

- I-580 (WA 24.7): NDOT Water Quality Section staff was notified of an unpleasant, strong odor emanating from a drop inlet located along the southbound I-580 on-ramp from Mill St. A dry weather flow was observed during the ensuing site investigation. Storm sewer infrastructure was investigated to the best of NDOT's ability and a source of the discharge was never found; a return inspection found that the discharge had ceased.

- SR-447 (WA 43.7): During the annual stormwater inspection at the "Potato Patch" NDOT Maintenance facility, NDOT Water Quality Section personnel observed Maintenance personnel performing work within an area that appeared to be subject to a previous spill. Samples of the potentially contaminated soil were collected by NDOT's Hazardous Materials Section and analyzed at a Nevada Certified

Laboratory. Test results confirmed that the soil was impacted by a petroleum product such as hydraulic fluid. The contaminated soil was subsequently removed and properly disposed of.

- District III

  - NDOT Right-of-Way Section personnel received notification that motel establishments in the Winnemucca area may be disposing of swimming pool water in NDOT's right-of-way. At that time, the identity of the business(s) responsible for the discharges was unknown; however Right-of-Way personnel within the NDOT Winnemucca Sub-District Headquarters indicated that awareness amongst NDOT staff was heightened in regards to this issue.

  - SR-289 (HU 14.3): NDOT Right-of-Way Section personnel informed NDOT's Water Quality Section of dry weather flows discharging from the local Car Quest business and onto NDOT's right-of-way. The ensuing investigation revealed a broken swamp cooler water line was the source of the discharge. NDOT Water Quality Section personnel addressed the issue with the local business and requested that the leak be fixed. Subsequent follow-up inspections indicated that the discharge in question had ceased.

  - I-80 (EL 112.7): NDOT Maintenance personnel discovered an area subject to a recent spill of an unknown substance at the "Silver Zone" Maintenance facility. The spill in question appeared to be a petroleum based product such as oil. NDOT's on-call contractor for hazardous materials cleanup contained the spill area, provided cleanup services, and filed a spill report to NDEP. Spill Report # 150217-03.

  - US-95 (HU 0.48): NDOT's Right-of-Way Section personnel informed NDOT's Water Quality Section that the Economy Inn located in downtown Winnemucca was discharging swimming pool water into NDOT's right-of-way. Water Quality Section staff notified NDEP of the incident and sent a "Notice of Illegal Discharge or Connection" to the business owner. Subsequent incidences have not been observed.

- SR-221 (EL 4.4): NDOT Maintenance personnel reported the illegal dumping of 50-70 used tires and one camper shell at the "Suze Creek" material pit. NDOT Maintenance staff removed and subsequently disposed of the items. Shortly after, NDOT Water Quality Section staff came across an additional 50-60 more tires dumped in a nearby area north of the pit. These items were also removed and subsequently disposed of by NDOT Maintenance staff.

- FRHU-11 (HU 1.0): NDOT Right-of-Way Section personnel notified NDOT Water Quality Section that the Valmy Truck Wash was discharging wash water for their wash pad onto NDOT's right-of-way. NDOT Right-of-Way Section sent a "Notice of Illegal Discharge or Connection" to the business informing them of the illicit discharge. Drainage was subsequently reconfigured to keep all wash pad water onsite and off of NDOT's right-of-way.

- SR-221 (EL 4.4): NDOT Maintenance staff informed NDOT Water Quality Section staff that an employee of Boss Tanks had dumped water from its water tank into NDOT right-of-way. The Water Quality Section addressed the issue with the owner of the company and was assured that future incidents would not occur.

- I-80 (EL 1.45): Water Quality Section personnel encountered a small quantity of an unknown substance dumped along the shoulder of the West Carlin Interchange. NDOT Maintenance personnel were notified of the situation and subsequently removed and properly disposed of the material.

- SR-305 (LA 98.25): NDOT Water Quality Section observed John Davis Trucking performing equipment washing activities with the discharge entering NDOT's right-of-way. The Water Quality Section contacted the trucking company of the illicit activity to NDOT's MS4. NDOT was informed by the company that the issue would be addressed and future incidences would not occur.

- SR-794 (HU 14.99): NDOT Right-of-Way personnel notified NDOT Water Quality Section personnel that fuel pump washing activities at a Maverick Country Store was resulting in a discharge into NDOT's right-of-way. A store employee was

informed that the discharge associated with the fuel pump washing activity was considered illicit to NDOT's MS4 Permit area. An "Illegal Discharge or Connection" letter was sent to the business and a spill report was filed with NDEP. Spill Report # 150406-02.

- I-80 (HU 23.7): NDOT Maintenance personnel reported to NDOT Water Quality Section personnel that a large quantity of lime was dumped at the Button Point Rest Area. Maintenance staff were informed to contact NDOT's Hazardous Materials Section for disposal procedures. The material was subsequently removed and properly disposed of.

- SR-535 west of Elko (milepost unknown): NDOT Water Quality Section observed what appeared to be wash water discharging into NDOT's right-of-way from an adjacent business. The business owner was informed of the illicit activity and subsequently constructed a retention basin to prevent future discharges onto NDOT's right-of-way.

- I-80 (EL 25.75): NDOT Right-of-Way Section personnel reported a diesel fuel release resulting from a ruptured fuel tank on a fuel truck. NDOT's on-call contractor for hazardous materials cleanup contained the spill area, provided cleanup services, and filed a spill report to NDEP. Spill Report # 150617-01.

- Off-system (4th Street in Winnemucca): An NDOT employee witnessed a concrete truck washing out on the roadway and discharging into the storm drain (non-NDOT right-of-way). NDOT's Water Quality Section was notified and subsequently informed the appropriate municipality of incident, i.e. the City of Winnemucca.

Illicit Discharge Reporting by the General Public

NDOT's SWMP website contains a webpage devoted to the reporting of illicit discharges. In addition, NDOT's Roads Operations Call Center and District offices serve as avenues for the general public to report issues and events that occur within NDOT's right-of-way. NDOT's Water Quality Section conducted 5 investigations resulting from reports received from the general public, an increase from 4 during the FY 2014 reporting period.

- District I

    - SR-582 (CL 29.16): An incident was reported through NDOT's general stormwater email address from the Public Response Office at Clark County. A resident was concerned that water has been continuously discharging from NDOT's right-of-way into the Heritage Village Mobile Home. NDOT's Water Quality Section staff investigated the incident and determined that the water in question was not originating/discharging from NDOT's right-of-way, but rather from an overflow inlet from a nearby business owner. The appropriate jurisdiction, i.e. Clark County, was notified as the incident.

- District II

    - SR-28 (DO 2.0): A concern was received through NDOT's general stormwater email address regarding stormwater runoff discharging from NDOT's roadway into Secret Creek. The concern was for stormwater in general and not directed towards any specific spill or illicit discharge incident. Correspondence was forwarded on to NDOT's Hydraulics Section for their review and consideration.

    - I-80 (WA 8.48): NDOT's Water Quality Section received a telephone call from a concerned citizen regarding the continual flow of water down the gutter of Mae Anne Ave. The citizen had concerns that the flow may have been the result of recent work performed by NDOT Maintenance personnel along I-80. Water Quality Section investigated the incident and it was subsequently determine that the water in question was a result of a broken water line (unrelated to any NDOT Maintenance activities). The Truckee Meadows Water Authority was notified of the incident and subsequently confirmed that broken pipe was repaired. The Water Quality Section followed up with the concerned citizen and confirmed that the discharge in question had ceased.

    - SR-445 (WA 4.46): NDOT received a telephone call from the Orr Ditch and Extensions Water Company with concerns regarding sediment discharge into the Orr Ditch as a direct result of stormwater discharging off of Pyramid Wy. The

concern was forwarded on to NDOT Hydraulics Section and District II personnel for their consideration in developing a resolution to the issue.

- NDOT's Water Quality Section received an email from a citizen concerned regarding what appeared to be an oily sheen present in irrigation ponds located in Pleasant Valley, Washoe County. There was question as to whether or not the oily substance was being conveyed from nearby I-580. Multiple NDOT roadways as well as areas outside of NDOT's jurisdiction were visited by Water Quality Section staff; no evidence of a discharge or spill were observed.

- District III
  - No illicit discharge incidents were reported by the general public within the District III region.

Construction Activities

NDOT's Construction Crew personnel are instructed to report to NDOT's Water Quality Section of any confirmed or potential illicit discharges/connections observed while construction activities are occurring. Five incidents associated with NDOT construction sites were reported and subsequently investigated during the Reporting Period compared with 2 during the FY 2014 reporting period.

- District I:
  - I-15 (CL 43.3): During NDOT contract 3532, NDOT Construction personnel observed dewatering taking place at a bridge pilings site and discharging directly onto the roadway. The contractor foreman was notified of the incident and the discharge was discontinued. The contractor submitted documentation summarizing cleanup activities and addressing how future incidences were going to be prevented.

- US-93 (LN 106.0): During the closeout of NDOT contract 3556, Construction personnel observed track-out, i.e. sediment, from an adjacent property[22] onto NDOT's right-of-way. Water Quality Section staff investigated the incident and did not observe any evidence of track-out. After consulting with NDOT Maintenance personnel, it was determined that the incident was an isolated event. Maintenance staff had no reports of the track-out being a reoccurring incident.

- District II
  - With the exception of the 1 incident occurring in the Clear Creek watershed previously reported in Section ***III.D. Discharges to Clear Creek Watershed***, no other construction related incidents were reported in the District II region.

- District III
  - US-95 (HU 2.25): During NDOT Contract 3539-READV, NDOT Construction personnel contacted NDOT's Water Quality Section regarding stormwater discharges from an adjacent apartment complex causing erosion within NDOT's right-of-way, i.e. NDOT's newly constructed shoulder area. The property owner removed two drain pipes that were contributing to the erosion and NDOT Maintenance personnel subsequently placed riprap along the slopes for enhanced stabilization.
  - I-80 (EU 1.95 to 5.69): During NDOT Contract 3525, NDOT's Construction Crew communicated with NDEP and NDOT's Water Quality Section regarding construction site BMP non-compliance exhibited by NDOT's contractor Road and Highway Builders, LLC (RHB). Consequently, RHB was issued a temporary cease and desist order from NDEP from any work activities within the Humboldt River. RHB was authorized by both NDEP and NDOT to resume construction activities shortly after.

[22] The reported track-out was not associated with NDOT's construction activities

Spill Reporting

NDEP's Bureau of Corrective Actions forwards all spill reports documenting release incidents statewide to NDOT's Water Quality and Hazardous Materials Sections. This provides NDOT with the opportunity to track and document previously unreported incidences within the right-of-way, as well as ensure that a spill report for an NDOT related incident has been generated.

As a result of this collaborative effort, 167[23] spill reports were forwarded on to NDOT's Water Quality Section for review compared with 19 during FY 2014. Of those 167 spill reports, 35 incidents were determined as potentially impacting or impacting NDOT's right-of-way. A description of the incidents are provided below.

- District I:

    - SR-319 (LN 63.0): Diesel fuel and hydraulic fuel spill associated with a vehicle accident; cleanup efforts were initiated by the responsible party. Spill Report # 140721-06.

    - Alamo, Lincoln County[24]: Diesel spill associated with a ruptured saddle tank. The exact location of the incident is unknown. NDOT contacted NDEP for any information regarding cleanup measures performed by the responsible party. At that time NDEP had not received any information, but indicated that NDOT would be kept informed. Spill Report # 140910-01.

    - I-515 (CL 17.7): Diesel spill associated with a vehicle accident; cleanup efforts were initiated by the responsible party. Spill Report # 140929-04.

    - Lobella St. (Las Vegas): Clark County Water Reclamation District (CCWRD) reported a sanitary sewer overflow due to a blocked pipe. NDOT's Water Quality Section contacted the CCWRD and was informed that NDOT's right-of-way was not impacted. Spill Report # 141201-03.

[23] This does not include any spill reports generated by NDOT personnel.
[24] For unknown reasons, information pertaining to the location of the spill was not provided in NDEPs spill report.

- SR-573 (CL 4.78): Spill associated with private clean out overflow reported by the CCWRD. Cleanup efforts were initiated by the responsible party. NDOT's Water Quality Section contacted the CCWRD and was informed that NDOT's right-of-way was not impacted. Spill report # 141212-01.

- SR-169 (CL 11.0): A breach at a cement plant resulted in a slurry spill containing fly ash and silicates. Cleanup efforts were initiated by the responsible party. Spill Report # 150115-01.

- SR-596 (CL 39.9): The CCWRD reported a sanitary sewer overflow due to a blocked pipe. Cleanup efforts were initiated by the responsible party with CCWRD over-site. Spill Report # 150205-03.

- US-95 (NY 60.2): Beatty Water and Sanitation District (BWSD) reported a sewage spill associated with a blocked manhole. Cleanup efforts were performed by the BWSD. Spill Report # 150224-03.

- SR-582 (CL 28.25): Report of vehicle wash water pooling in an adjacent vacant lot. Further investigation by NDOT's Water Quality Section determined that wash water was not discharging into NDOT's right-of-way. Spill Report # 150303-02

- SR-592 (CL 27.7): NDEP reported sewage and or grease overflow from a grease interceptor. NDEP issued a cease and desist order and Clark County completed the cleanup. NDOT Water Quality Section personnel investigated the incident and the small section of SR-592 that was impacted by the overflow was cleaned up. Spill Report # 150310-03.

- Annie Oakley Dr. (Henderson): Report by the City of Henderson of a sewage discharge into the storm drain system due to a blocked pipe. A subsequent field investigation revealed that the spill did reach NDOT's right-of-way. Cleanup efforts were initiated by the responsible party. Spill Report # 150311-03.

- Main Street (Jean): Reclaimed water was released into the storm drain system due to a broken pipe joint. NDOT's Water Quality Section investigated the

incident and observed no evidence of the spill impacting NDOT's right-of-way. Spill Report # 150323-02.

- SR-604 (CL 1.0-5.0): City of North Las Vegas reported an effluent release into the storm drain system. A subsequent field investigation conducted by NDOT's Water Quality Section revealed that the incident had been cleaned up and there was no residual sign of the release in NDOT right-of-way. Spill Report # 150330-04.

- SR-147 (CL 10.8) Diesel spill onto soil as a result of vandalism to a parked vehicle; cleanup efforts were initiated by the responsible party. Spill Report # 150403-01.

- I-15 (CL 53.25): Diesel spill as a result of a semi-truck accident; responsible party initiated cleanup efforts. Spill Report # 150415-02.

- SR-574 (Carlton Square-North Las Vegas): Report of sewage and toxic vapors releasing from a manhole. A subsequent field investigation conducted by NDOT's Water Quality Section staff revealed no evidence of a release or odors present within the area. Spill Report # 150427-02.

- District II:

  - I-80 (PE 7.9): Diesel spill as a result of a roadway debris striking a semi-truck; cleanup efforts were initiated by the responsible party. Spill Report # 140710-01.

  - Enterprise Rd. (Reno): City of Reno notified NDOT about a sanitary sewer overflow. NDOT Water Quality Section personnel performed a field review and confirmed that the discharge was below NDOT's sanitary sewer system; consequently the overflow did not originate nor impact NDOT's right of way. Cleanup efforts were performed by the responsible party. Spill Report # 141112-01.

  - Riverboat Rd. (Dayton): Diesel spill as a result of a semi-truck leaving a gas pump unattended at a Maverik gas station. The spill did not impact NDOT's right-

of-way. Cleanup efforts were initiated by the responsible party. Spill Report # 141113-05.

- US-50 (DO 3.3): Report by the Tahoe Douglas Sewer District stating that a sewage discharge from an exposed lateral line at Presbyterian Conference Center. Temporary repair measures were implemented until the parts for a complete repair were obtained. Spill did not impact NDOT's right-of-way. Spill Report # 141120-03.

- SR-828 (LY 1.5): Report by the City of Fernley that raw sewage was released by a failing lift station. Cleanup efforts were initiated by the responsible party. This incident was reported via two different spill reports by separate individuals. Cleanup efforts were performed by the responsible party. Spill Report #s 141203-03 and 141204-01.

- SR-667 (WA 2.7)): Report by the City of Reno of a sanitary sewer overflow release. Lines were unclogged and cleanup efforts were performed by the responsible party. Spill Report # 141205-04.

- So. Rock Blvd. (Reno): Sewage spill as a result of a lift station failure. NDOT's Water Quality Section contacted the City of Reno, who then verified that the spill occurred on private property and did not impact NDOT's right-of-way. The City of Reno performed cleanup efforts. Spill Report # 150112-01.

- Angela Ct. (Minden): Spill report alleging that Oxinal Coil and Wire Company was discharging dyes or acids into the storm drain system. NDOT Water Quality Section personnel investigated and verified that the spill did not impact NDOT's right-of-way. Spill Report # 150120-01.

- I-80 (PE 9.6): Diesel and antifreeze spill as a result of a semi-truck accident. NDOT's Maintenance personnel utilized NDOT's on-call hazardous materials cleanup contractor to perform cleanup efforts. Spill Report # 150202-01.

- US-395 (WA 35.8): Washoe County reported that due to recent storm events, sediment laden stormwater was discharged offsite from a non-NDOT

construction site. NDOT's Water Quality Section personnel performed an investigation and determined that NDOT's right-of-way would not be permanently impacted. Sediment was cleaned from a drop inlet and new BMPs were installed. Spill Report # 150211-04.

- SR-439 (ST 7.4): Drinking water spill as a result of damage to an underground pipe during construction. NDOT's Water Quality Section staff investigated and determined there was no evidence of the discharge reaching the Truckee River. NDOT Maintenance personnel oversaw cleanup measures and road repairs performed by the responsible party. Spill Report # 150218-01.

- FRCC05 (CC 0.13): The Carson City County Sheriff's Department reported a release of dielectric oil due to a vehicle collision[25] with a transformer located in NDOT's Carson City Maintenance station. NDOT and NV Energy performed cleanup efforts. Spill Report # 150302-02.

- US-95A (LY 36.00): Four 55-gallon drums showing evidence of leaking fluids into the underlying soil were dumped alongside a dirt road off of NDOT's right-of-way. NDOT Water Quality Section personnel performed a site investigation and determined that the 55-gallon drums were not located on NDOT's right-of-way, but rather on Bureau of Land Management (BLM) property. Water Quality Section staff notified the BLM of the incident; subsequent cleanup efforts were initiated by the BLM. Spill Report # 150526-02.

- Church St. (Gardnerville): Verizon Wireless was treating utility poles with creosote which, allegedly, was being released into the soil at the back of their facility. The incident site is not located on NDOT right-of-way. Spill Report # 150630-02.

[25] Vehicle accident involving the general public, impacting NDOT's perimeter fence and a power pole.

- District III:

    - US-93 (WP 89.0): A tractor trailer released 35 yd^3 of soil mixed with the pesticide Chlordane; cleanup efforts were initiated by Trucking Company. Spill Report # 141113-01.

    - Jungo Road West of Winnemucca (Humboldt County): A diesel spill associated with a vehicle accident; cleanup efforts were initiated by the responsible party. The spill did not impact NDOT right-of-way. Spill Report # 150615-01.

    - Autumn Colors Development (Elko): Anonymous report that the home builder (Bailey Homes) was not implementing stormwater BMPs during construction. NDOT's Water Quality Section performed a site visit and confirmed there was no discharge onto NDOT's right-of-way. NDOT's Right-of-Way Section reinforced to Baily Homes that construction site BMPS were to be implemented per the encroachment permit they secured from NDOT. Spill Report # 150224-01.

    - I-80 (EL 25.5): Treated effluent release due to broken pipe under the jurisdiction of the City of Elko. Spill report did not indicate if remedial action was taken other than the incident is under investigation. NDOT's Water Quality Section performed a site investigation and concluded that there was no sign of the liquid impacting NDOT's right-of-way; however there was a rainfall event prior to the field investigation. Water Quality staff contacted the City of Elko to discuss improved containment measures should future incidents occur. Spill Report # 150424-02.

    - I-80 (EL 24.8): Treated effluent release due to broken pipe (unconfirmed) under the jurisdiction of the City of Elko. Spill report did not indicate if remedial action was taken other than the incident was still under investigation and trying to establish a cause. NDOT's Water Quality Section contacted the City of Elko and was informed that the broken line was repaired expeditiously. Spill Report # 150515-01.

NDOT's Spill Response

NDOT's on-call hazardous materials response service provider responded to 11 incidences within NDOT's right-of-way during the Reporting Period[26] compared to 3 during the FY 2014 reporting period.

- District I
    - Las Vegas: Service provider responded to an NDOT request to pick up a miscellaneous tote containing 25-30 gallons of an unknown substance.
    - Las Vegas: Service provider responded to an NDOT request to pick up two 5-gallon metal containers containing an unknown substance.
    - Las Vegas: Service provider responded to an NDOT request to pick up six 5-gallon containers containing an unknown material.
    - I-15 (North of Spring Mountain Rd. in Las Vegas): Service provider responded to an NDOT request to clean up a biohazard spill resulting from a vehicle accident.
- District II
    - I-80 (WA 37.0): Service provider responded to NDOT's request for cleanup in response to a semi-truck fire. Upon arrival to the scene, the service provider was informed that their services were not required due to the trucking company utilizing their own cleanup contractor.
    - I-80 (PE 9.6): Service provider responded to NDOT's request to provide cleanup of a traffic related spill. Multiple days of clean-up resulted. Spill Report # 150202-01.

[26]Information obtained from the on-call contractor, therefore details are limited.

- I-15 (Northbound, south of Cheyenne off ramp in Las Vegas): Service provider responded to a request to clean up a biohazard spill resulting from a vehicle accident.

- I-15 (Northbound at Russell Road in Las Vegas): Service provider responded to a request to clean up a biohazard spill resulting from a vehicle accident.

- District III

  - SR-228 (1.2 miles south of SR-227 in Spring Creek): Service provider responded to a request to cleanup a spill resulting from a traffic incident.

  - I-80 (EL 112.7): Service provider responded to a request for cleanup of a spill comprised of an unknown substance within an NDOT material storage/stockpile area. Spill Report # 150217-03.

  - I-80 (EL 25.75): Service Provider responded to a request for cleanup of a diesel fuel spill caused by a vehicle accident. Spill Report # 150617-01.

EPA Site Visit

The EPA performed a site visit of the Reno/Sparks Maintenance facility on November 6, 2014. During their visit, the EPA noted several potential illicit discharge concerns, including evidence of a minor brine spill into a storm drain inlet and a “wet area” near a Construction lab testing trailer. Appropriate facility personnel were informed of the findings in an effort to eliminate future incidents.

III.K. Industrial Facility Monitoring and Control

NDOT does not own or operate industrial facilities as described in III.K.1 of the Permit.

NDOT initiated efforts to map and inventory major outfalls that receive discharges from industrial facilities described in III.K.1 of the Permit. NDOT obtained information regarding the location of these facilities from EPA and NDEP.

NDOT initiated the first phase of its Industrial Facility Monitoring and Control Program by conducting assessments of industrial facilities under specific classifications/permitting. Assessments, i.e. facility type, location, potential to directly discharge into NDOT's right-of-way, etc. were performed in all three districts (Table 8) utilizing information obtained from the EPA's website (http://iaspub.epa.gov/triexplorer/tri_release.facility) for facilities subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and NDEP for the locations of landfills. NDOT created a GIS database to house spatial information for these facilities, which was subsequently used as the basis for conducting the assessments. In addition, NDOT researched information listed on NDEP's Water Pollution Control General Permits System online database for facilities currently permitted under NDEP's Stormwater Industrial and Stormwater Mining General Permits (https://genpermits.ndep.nv.gov/Common/SelectNOI.aspx). Field inspections were conducted by Water Quality Section staff at industrial facilities determined to have a potential to directly discharge stormwater runoff into NDOT's right-of-way.

Table 8. The number of industrial facilities assessed during the Reporting Period and the number of those industrial facilities with the potential to directly discharge stormwater runoff into NDOT's right-of-way.

	District I	District II[27]	District III	Total
Assessed	443	210	103	756
Potential to Discharge Stormwater	36	29	4	69

NDOT's Water Quality Section assessed 756 industrial facilities statewide during the Reporting Period and determined that 69 facilities have the potential to discharge stormwater runoff directly into NDOT's right-of-way (Table J-1 Appendix J). This information will be updated annually and used as a starting point for conducting routine outfall monitoring efforts.

III.L. Stormwater Discharges from NDOT Maintenance Facilities

NDOT has developed and subsequently issued FPPPs for its designated Major and Minor maintenance facilities statewide (FPPP compliance is summarized in subsequent sections of this Annual Report). FPPPs are the basis for implementing BMPs that will prevent and/or reduce

[27] NDOT was unable to confirm the location of two facilities.

stormwater pollutant discharges from NDOT's Maintenance facilities statewide. All Major and Minor Maintenance facilities undergo a comprehensive, annual stormwater inspection performed by NDOT's Water Quality Section (refer to ***III.M. Comprehensive Maintenance Facility Inspection*** below).

NDOT's Water Quality Section is unaware of any spills to the storm sewer system at any NDOT Maintenance facility during the Reporting Period[28].

A summary of new permanent BMPs installed at NDOT Maintenance facilities is summarized in Appendix E.

NDOT began construction activities associated with Contract 3595 at the Independence Valley Maintenance facility. Water quality related improvements include repaving the yard and constructing a water quality basin for stormwater treatment.

NDOT completed its design for water quality improvements at the Carson City Maintenance facility. Included in the design is the installation of manufactured stormwater treatment devices, construction of an Epic Systems stormwater treatment system, construction of a new equipment wash pad, and resurfacing. The project was released as Contract 3600 during the Reporting Period with construction beginning in FY 2016.

At the end of the Reporting Period, NDOT was nearing completion of a design for a new equipment wash pad at the Reno Maintenance facility[29].

Designs were also initiated for stormwater and various facility improvements for the Ruby Valley and North Fork Maintenance facilities.

With the assistance of a service provider, NDOT completed its "Vehicle Wash Pads Assessment and Feasibility Study" (Appendix K). This study will be the basis for many of NDOT's equipment wash pad improvements conducted over the next several reporting periods.

[28] Signs of potential illicit discharges were noted during the EPA's site inspection described previously in ***III.J. Illicit Discharge Detection and Elimination System*** of this annual report.
[29] The project was subsequently released as Contract 3611 in FY 2016.

At the end of the Reporting Period, NDOT was nearing completion of the development of a Maintenance Facility Best Management Practices (BMPs) Manual[30]. The manual will be the foundation for the implementation of stormwater pollution control measures at all Maintenance facilities statewide; consequently the manual will become an integral part of future FPPPs.

As described previously in ***III.D. Discharges to Clear Creek Watershed***, NDOT completed improvements to the stormwater decant facility in the Spooner East Yard to eliminate discharges from the facility into NDOT's MS4.

III.M. Comprehensive Maintenance Facility Inspection

Annual stormwater inspections were performed at all[31] (235) designated Major and Minor Maintenance facilities by NDOT's Water Quality Section. Table L-1 in Appendix L summarize the Major and Minor Maintenance facilities that underwent an annual stormwater water inspection conducted by the Water Quality Section personnel, and represents the current list of active sites[32] to be inspected moving forward into FY 2016.

Following the inspections, formal inter-Departmental memos were submitted to the designated FPPP administrators documenting stormwater related concerns and subsequent recommendations for corrective action to maintain FPPP compliance. All inspection reports are signed and certified in accordance with section ***V.G. Signatory Requirements*** of the Permit. Copies of the inspection reports are provided in Appendix G.

III.N. Scope of Inspections

Comprehensive, annual stormwater inspections focused on all areas of the Maintenance facility that could be a potential source of pollutants in stormwater runoff.

[30] This document was completed and subsequently released for use early FY 2016.
[31] This number can change annually due to the addition and discontinued use of Maintenance facilities annually. Changes in Minor facility status are the most common and can occur on an annual basis depending on the District's operations.
[32] "Chip piles", because of their small footprints, transient nature, and relatively inconsequential impact to water quality, are not included in the listing.

Water Quality Section personnel noted a total of 95 stormwater compliance issues[33] statewide during their annual inspections (Figure 4). Post-inspection follow-up documentation submitted by the FPPP administrators demonstrating appropriate corrective action was 100%. Although the number of compliance issues did not change substantially from the previous reporting period, there was a significant increase with post-inspection corrective actions. A summary of the ratios of the number of compliance issues noted per the number of inspections conducted for the three districts over the past three reporting periods is presented below in Table 9. The lower the number, the lower the compliance issues per inspection.

Table L-2 in Appendix L lists the top three non-compliance issues noted during the annual stormwater inspections conducted in FY 2014 and FY 2015. Maintaining/installing sediment control BMPs as well as facility general housekeeping measures were the most prominent non-compliance issues noted during both reporting periods.

[33] These do not include suggestions for BMP enhancement, i.e. a recommendation for possible BMP improvement even though there was no non-compliance issue.

Figure 4. Summary of annual stormwater inspections conducted at designated Major and Minor Maintenance facilities statewide from FY 2013 thru FY 2015.

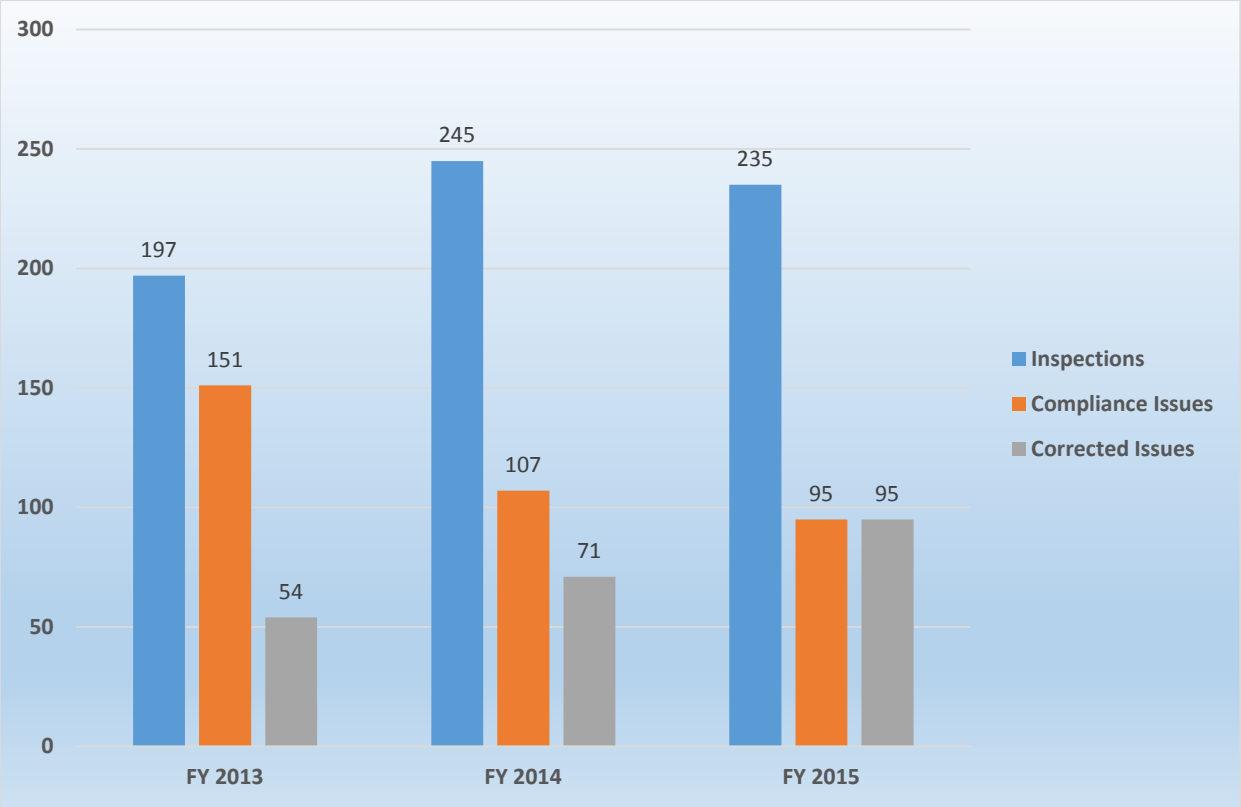


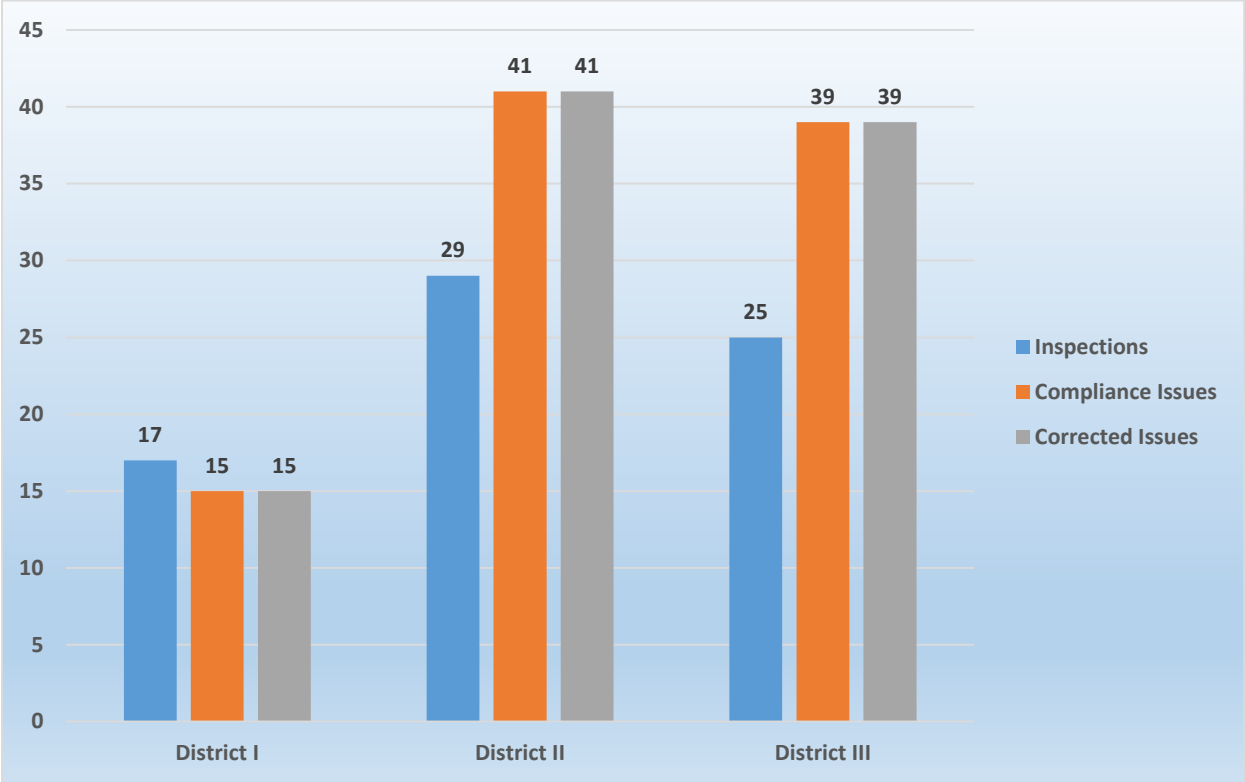
Table 9. Ratio of compliance issues to stormwater inspections conducted for all three NDOT Districts over the past three reporting periods.

	District I	District II	District III	Average
FY 2013	0.92	0.89	0.62	0.81
FY 2014	0.63	0.74	0.19	0.52
FY 2015	0.55	0.46	0.27	0.43

Additional Maintenance Facility Stormwater Inspections

In November, 2015, NDOT's Water Quality Section performed stormwater inspections at all Maintenance stations and yards statewide (Figure 5). Of the 71 Maintenance facilities inspected, 29 were noted as having no compliance issues. The remaining 42 Maintenance facilities were noted as having 95 compliance issues with 100% post-inspection corrective action.

Figure 5. Summary of stormwater inspections performed at all Maintenance facilities statewide.



Maintenance Facility Stormwater Inspection Form

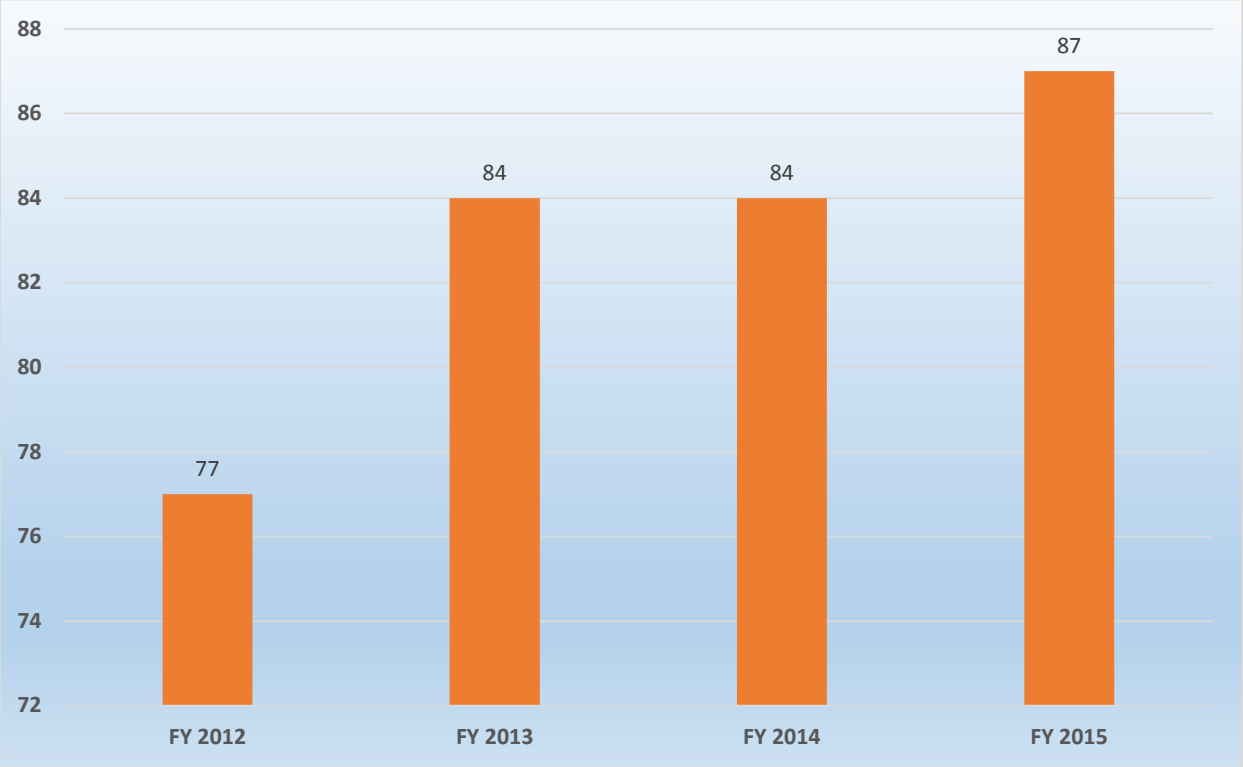
NDOT's Water Quality Section did not modify the inspection form utilized for documenting maintenance facility stormwater inspections during the Reporting Period. NDOT will continue to review the forms annually and make modifications/improvements as necessary.

III.O. Public Street Maintenance Program in Urbanized Areas

NDOT continues to implement its Public Street Maintenance Program. NDOT's sweeping, snow and ice management, and hydraulic facility maintenance efforts within specific MS4 areas, the Lake Tahoe Basin, and statewide are tracked via NDOT's Maintenance Management System (MMS), which is maintained by NDOT's Maintenance and Asset Management Division. Due to the significant amount of information that is recorded, summaries of these activities are provided in Tables M-1 thru M-24 in Appendix M. However, information regarding any maintenance activity performed on any given roadway segment during the Reporting Period is available upon request.

NDOT requires the application of abrasives, anti-icing, and de-icing agents on highways across the state where near freezing or freezing winter temperatures occur to maintain a level of safety for the general public. NDOT continues to refine the rates of abrasive, anti-icing, and de-icing agent application rates for maximum efficiency with the least amount of adverse impact to receiving waterways without compromising public safety. To assist with this endeavor, NDOT Maintenance personnel continue to utilize the Road Weather Information Systems (RWIS) to assist with determining optimal application rates. NDOT is currently utilizing 87 RWIS sites across the state (Figure 6) to assist with snow and ice control operations, several of which are located in urbanized areas.

Figure 6. Number of RWIS sites in operation statewide from FY 2012 thru FY 2015



NDOT continues to utilize the services of volunteers associated with the Sponsor-A-Highway and Adopt-A-Highway programs to assist with litter and debris cleanup efforts along NDOT's highway shoulder areas (refer to ***Section III.F. Stormwater Education Program***).

Keep Truckee Meadows Beautiful, a private 501(c)3 non-profit group dedicated to creating a cleaner, more beautiful region through education and active community involvement, implements the Litter Index, a national initiative of the Keep America Beautiful program. This index ranks

areas of the Truckee Meadows on a "cleanliness" scale of 1 – 4 (1 representing the highest mark for cleanliness). NDOT freeway areas within the Truckee Meadows (US-395 South, Central and North; and I-80 East and West) received scores between 2.0 and 2.4 with an overall average of 2.1, which falls between the designations "Slightly Littered to Littered." The I-580/395 South and I-580/395 Central areas received scores of 2.0, equating to a "Slightly Littered" designation. The US-395 North, I-80E/Lockwood & Mustang (Washoe City) areas received scores of 2.1, with the I-80 West area receiving a score of 2.4, all of which fall within the "Slightly Littered" to "Littered" designations. The 2.1 average score is the lowest average mark ever received.

NDOT is hopeful that a new Northern Nevada Adopt-a-Highway campaign specifically targeting areas in the Reno-Sparks, Carson City, and Douglas County regions will be up and running in FY 2016. This should greatly assist NDOT's litter removal efforts and hopefully improve upon KTMB's ranking for the freeway corridor areas.

NDOT continued to perform street sweeping activities in urbanized areas, often time exceeding Permit requirements of two times per year[34]. Summaries of sweeping activities are provided in Tables M-12 and M-13 in Appendix M. There was a significant increase in the amount of material recovered in the Lake Tahoe Basin from sweeping efforts during the Reporting Period compared with FY 2014 even though the quantities of sand-salt applied were comparable. This is attributed to the increased service time of the sweepers, i.e. less down time for repairs. Material recovered from sweeping efforts in the Elko and Washoe MS4 areas significantly decreased compared to the previous reporting period; this coincides with the significant decrease in the amount of sand-salt applied in those areas. Material recovered from sweeping efforts in the Las Vegas MS4 did not change appreciably from FY 2014. The total material recovered from sweeping efforts statewide during the FY 2014 and FY 2015 reporting periods were nearly identical; however the total application of sand-salt was significantly less for FY 2015.

[34] NDOT is required to adhere to local air quality requirements in some urbanized areas such as Washoe and Clark Counties; consequently sweeping activities are conducted at higher frequencies in these areas.

III.P. Measures to Control Discharges from Roadways

Highway Maintenance Activities

NDOT continues to implement its statewide Public Street Maintenance Program in an ongoing effort to reduce stormwater pollutant discharges from the right-of-way. The larger urbanized regions of the state, as well as the Lake Tahoe Basin and Clear Creek Watershed areas, continue to be priority areas for NDOT to focus stormwater pollutant reduction measures. Summaries of Maintenance activities as reported from NDOT's Maintenance Management System (MMS) are provided in M1 thru M-24 in Appendix M.

NDOT's Water Quality Section continued to evaluate projects (i.e. slope assessments) during the design phase (as appropriate) to determine if areas within the project limits, specifically slopes that are 3:1 or greater, are experiencing significant erosion control issues. Parameters that are typically evaluated include severity of erosion, the extent of sediment migration, and whether or not the inclusion of additional post-construction stabilization measures (i.e. above and beyond current design measures) are warranted. Taking into account pre-construction conditions as well as forecasted post-construction conditions, recommendations for mitigation measures (as appropriate) for sediment control are submitted to NDOT's Design Division for consideration.

During the Reporting Period, 37 slope assessments were conducted throughout NDOT's three Districts. Project number SPI-015(058) along I-15 in District I was recommended for additional erosion control improvements. In regards to the other 36 project areas assessed, recommendations for additional erosion control measures were deemed unwarranted, i.e. significant erosion and subsequent sediment discharge was not observed, or erosion control efforts already incorporated into the design were deemed sufficient.

NDOT's Water Quality Section requested from all 3 districts a list of existing areas within their respective districts that are deemed problematic with respect to erosion. District I listed 4 areas, District II listed 25 areas, and District III did not provide any information. The problem areas will undergo further evaluation beginning in FY 2016 to gage the severity of the erosion problem, and to determine appropriate mitigation measures.

NDOT's Maintenance and Asset Management Division entered into an agreement with a service provider to perform rock scaling activities[35] along NDOT's right-of-way within the District II region. It is anticipated that this work will assist with alleviating the deposition of debris from cut slope areas onto NDOT's roadways, thus reducing potential sediment discharges from NDOT's right-of-ways.

NDOT Maintenance Crews continue to perform slope stabilization improvements as needed throughout their respective service areas. Tables M1 thru M6 documents the volume of material utilized as part of these effort under the MMS Task "Repair Fill and Cut Slopes." Table M-15 in Appendix M documents the volume of material utilized for slope stabilization efforts in the Lake Tahoe Basin.

Snow and Ice Control

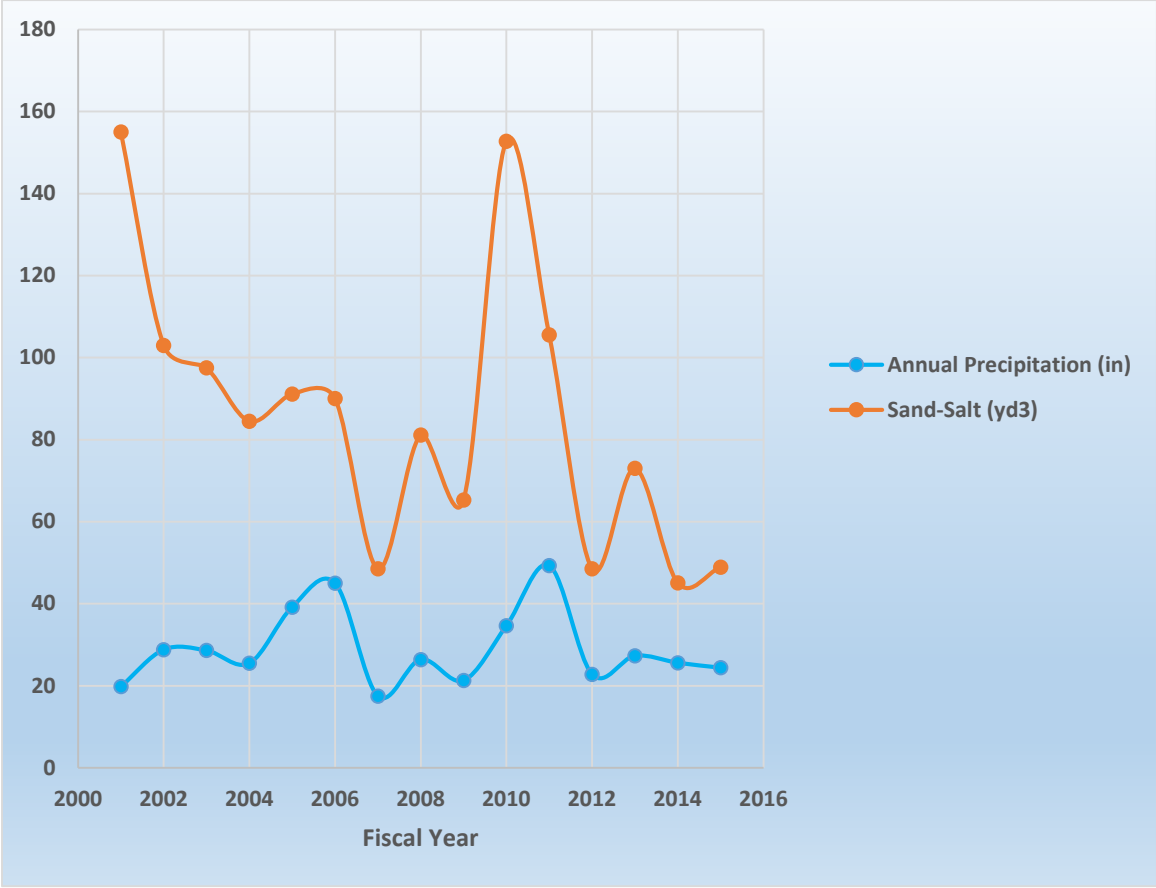
Information pertaining to material source and chemistry of abrasives, anti-icing, and de-icing agents continue to be maintained by NDOT's Maintenance and Asset Management Division.

Information pertaining to the volume of abrasive and deicing agents applied on NDOT's roadways is tracked via the MMS and housed within the Maintenance and Asset Management Division. Due to the voluminous amount of information, summaries are provided in the various table in Appendix M. However, information regarding the type and volume of anti/de-icing material applied on any given roadway segment during the Reporting Period is available upon request.

NDOT applies abrasives, anti-icing, and de-icing agents during winter conditions in an effort to provide safe roadway conditions for the traveling public. As demonstrated in Figure 7, the application of snow and ice control agents are a function of local weather conditions and generally display a positive relationship[36]. NDOT continues to "fine tune" application rates to meet the needs of the public, while striving to reduce potential impacts to receiving waterways.

[35] Activities include, but are not limited to, removing rocks, boulders, decomposed rock, gravel, and loose outcrops.
[36] The sand-salt application rates were reduced by a factor of 10 for information display purposes.

Figure 7. Sand-salt application versus annual precipitation in the Lake Tahoe Basin[37].



Storm Sewer System and Highway Maintenance

Tables M-1 thru M-6 in Appendix M summarize hydraulic facility material removal efforts within specific MS4 areas and statewide. Information tracking capabilities of NDOT's MMS is limited and currently not configured to collect material volume data associated with drop inlet, culvert, or slotted drain cleanings. NDOT's contractor did report 12.9 yd^3 of sediment removed from stormwater facilities in the Reno/Sparks Maintenance facility during routine cleanout.

[37] Annual precipitation data was provided by the SNOTEL, Marlette Lake (615) site located on the east side of the Lake Tahoe Basin. Historical climate data from the Western Regional Climate Center, Glenbrook COOP Site (263205) indicates that 85% of the total annual precipitation and 97% of the total annual snowfall along the eastern portion of the Lake Tahoe Basin occurs between the months of October and April.

Information regarding the maintenance of hydraulic facilities on any given roadway segment performed during the Reporting Period is available upon request.

NDOT is currently evaluating needs associated with a new MMS; the appropriate information required for Permit documentation purposes will be incorporated into the new tracking system. NDOT began developing a request for proposal for the development of a new MMS during the Reporting Period. It is anticipated that a new system will not be fully operational for another 3 years.

III.Q. Storm Sewer System and Highway Maintenance

Inventory Post-Construction Stormwater Pollution Control BMPs

The inventory and mapping of post-construction stormwater pollution control BMPs is a component of the hydraulic facility inventory and mapping efforts (***III.C. MS4 Maps and Outfalls***). NDOT is focusing efforts on major post-construction BMPs, e.g. stormwater retention/detention basins, constructed wetland areas/water quality basins, and manufactured stormwater treatment devices.

To date, NDOT has inventoried 96 water quality basins, wetland areas, and detention/retention basins statewide. NDOT has inventoried several other post-construction BMPs as well (e.g. stormwater quality vaults and other treatment systems); however most of the information is still undergoing post-processing from data collection efforts. NDOT will continue inventory and subsequent post-processing efforts in FY 2016.

As with the "major" outfalls, NDOT is on schedule to have all major post-construction BMPs inventoried and mapped by FY 2017.

Inspect Storm Sewer System and Develop Maintenance Schedules and Priorities

Most of NDOT's inspection and subsequent maintenance of its storm sewer system is performed by Maintenance Crews. Maintenance develops their schedules for their respective service areas with subsequent maintenance activities occurring on an as needed basis. Schedules reside within the appropriate District office with all Maintenance activities summarized in the MMS. Maintaining NDOT's system within the Lake Tahoe Basin, Clear Creek watershed, and the larger municipal

regions of the state are considered priority areas. Stormwater maintenance related MMS tasks are summarized in Appendix M.

Field assessments are conducted as part of NDOT's major outfall inventory and mapping efforts. Each major outfall is evaluated for indicators of illicit discharges, sediment discharge, and scour damage. During the Reporting Period, NDOT conducted 7 IDDE investigations associated with these efforts (***III.J. Illicit Discharge Detection and Elimination System***). The information gathered as part of NDOT's stormwater hydraulic facility inventory efforts will serve as the basis for developing routine schedules for the inspection and maintenance of major outfall areas. NDOT is scheduled to complete initial hydraulic facility inventory efforts by FY 2017.

Perform Repair, Maintenance, and Cleaning

NDOT Maintenance Crews receive IDDE related training as part of their Certified Stormwater Training class. Maintenance personnel reported 9 illicit discharge incidents to the Water Quality Section during the Reporting Period while performing routine maintenance activities. Investigations ensued for all incidents reported activities (***III.J. Illicit Discharge Detection and Elimination System***). The 9 reported incidents were a significant increase from the 0 reported incidents as documented in the FY 2014 Annual Report.

Roadside Management Program

NDOT Maintenance personnel continued to utilize NDOT's "Construction Site Best Management Practices (BMPs) Manual" (as appropriate) when performing maintenance activities.

III.R. Herbicide, Pesticide and Fertilizer Program

Implement Pesticide and Fertilizer Application Procedures

NDOT continued herbicide application activities in an effort to control state listed noxious weed species and improve sight conditions along shoulder areas for motorist safety. Tables M-7 thru M-11 in Appendix M summarizes herbicide and fertilizer quantities applied by NDOT Maintenance Crews within the specified MS4 areas, the Lake Tahoe Basin, and statewide during the last three reporting periods. Appendix P summaries herbicide application from various County and District contractor efforts.

NDOT Maintenance personnel continued to be compliant with Nevada Department of Agriculture pest control applicator requirements; certification records are maintained at the appropriate District offices. Contractor herbicide applicators are required by State law to have the appropriate certification as well. Certification signifies that the applicators are knowledgeable and understand appropriate herbicide use and application practices.

In addition to the application of herbicides for statewide weed control efforts, NDOT applies small amounts of pesticides at Maintenance facilities for onsite pest control, e.g. insect, rodent, and weed control.

NDOT's use of fertilizers in the right-of-way is minimal and generally limited to assisting with post-construction revegetation establishment (contract specific) and to maintain landscaping in specific areas. NDOT closed out 26 Construction contracts during the Reporting Period (Table 5). NDOT applied soil amendments, e.g. organic acids, as part of the revegetation prescriptions for many of the contracts; however nitrogen or phosphorus based fertilizers were not applied. Most of NDOT's post-construction revegetation prescriptions do not call for the use of fertilizers in an effort to deter annual weed growth. Tables M-1 thru M-6 in Appendix M summarize fertilizer application by Maintenance forces. Fertilizer application, overall, was minimal across the state. The majority of the total liquid fertilizer applied across the state (82%) was limited to the Washoe MS4 area, specifically landscaped areas along the I-80 corridor within the Truckee Meadows region. No fertilizers were applied within the Lake Tahoe Basin MS4 area.

Vegetation Control

NDOT continued to implement its Vegetative Control Program (refer to various sections of the Annual Report) in an effort to prevent and/or reduce the discharge of pollutants in stormwater from the MS4 Permit area while maintaining a level of safety for the traveling public, e.g. line of site, and reducing wildfire potential. Methods implemented include chemical treatment (i.e. herbicide application) and physical treatment (i.e. mowing). NDOT continues to utilize site-appropriate vegetation, i.e. native and climate adapted, to assist with post-construction revegetation efforts statewide.

Herbicide application by Maintenance personnel area summarized in Tables M-7 thru M-11 in Appendix M. Herbicide application with NDOT's right-of-way per agreement with various counties is summarized in Appendix P.

III.S. NDOT Maintenance Yards Management Program

FPPPs have been developed for all designated Major and Minor Maintenance facilities. Copies of the FPPPs have been provided to all the designated FPPP administrators. In addition, copies of all FPPPs are available for viewing or download through the Water Quality Section's internal SharePoint site. A listing of all facilities is provided in Table L-1 in Appendix L.

Each FPPP provides guidance pertaining to BMP implementation to maintain Permit compliance, as well as specific responsibilities to be performed by (or under the direction of) the FPPP administrators and Water Quality Section. Table 10 below provides a summary of compliance activities with regards to the specific requirements.

Table 10. FPPP compliance summary for Major and Minor Maintenance facilities for the FY 2014 and FY 2015 reporting periods.

District I		
	FY 2014	FY 2015
Task	Compliance	Compliance
Stormwater Inspections (FPPP Administrator)	80%	100%
Stormwater Inspections (Water Quality Section)	100%	100%
Drop Inlet Inspections	Unknown	100%
Volume of Material Reported from Hydraulic Facility Cleaning	Unknown	Unknown
Sweeping	83%	97%
District II		
Stormwater Inspections (FPPP Administrator)	84%	92%
Stormwater Inspections (Water Quality Section)	100%	100%
Drop Inlet Inspections	Unknown	100%
Volume of Material Reported from Hydraulic Facility Cleaning	Unknown	Unknown
Sweeping	50%	93%

Table 10 (cont'd).

District III		
Stormwater Inspections (FPPP Administrator)	71%	100%
Stormwater Inspections (Water Quality Section)	100%	100%
Drop Inlet Inspections	Unknown	100&
Volume of Material Reported from Hydraulic Facility Cleaning	Unknown	Unknown
Sweeping	91%	100%

The FPPP for Minor Stations and Yards states that brooming/sweeping shall occur at frequencies determined to be appropriate by the FPPP administrator; however it is recommended that this occur twice annually. If a Minor Station or Yard did not conduct any sweeping or brooming activities (as appropriate), it was considered to be non-compliant.

All drop inlets were inspected during annual stormwater inspections conducted by Water Quality Section staff. Not all drop inlets inspected required maintenance. There were some Maintenance facilities that performed drop inlet cleaning, but the record keeping is inconsistent at best. Consequently, volumes of material removed are unknown.

FPPPs underwent minor revisions during the Reporting Period. Revisions included formatting for consistency, updating site maps and administrator related information, adding/removing Maintenance facilities, and incorporated miscellaneous language changes. All FPPP administrators were notified of the updated FPPPs.

III.U. Annual Review and Updating the SWMP

With the exception of NDOT's IDDE Program, no other formal revisions to NDOT's SWMP were submitted to NDEP. Modifications to NDOT's IDDE Program began in FY 2014, but were formally submitted to NDEP for review in FY 2015. NDOT did not receive any comments from NDEP.

III.V. Updating NDOT's Manuals

NDOT has begun efforts to revise and update both its "Construction Site Best Management Practices (BMPs) Manual" and "Planning and Design Guide." Revisions to both documents were scheduled to be completed in FY 2015; however upon encountering various obstacles, both

manuals will not be completed until FY 2016. An overview describing changes made to the documents will be provided in the corresponding FY 2016 Annual Report.

NDOT nearly completed developing its Maintenance Facility Best Management Practices (BMPs) Manual during the Reporting Period. The document will be completed and disseminated for use in early FY 2016.

NDOT completed the first version of the "Field Guide for Illicit Discharge Detection and Elimination." The first section of the document, which provides an overview of illicit discharges (indicators of illicit discharges, reporting, etc.) was officially released for viewing during the Reporting Period; however the second section of the document (which focuses on internal policy and procedure for illicit discharge investigations and elimination) was outdated immediately after completion due to significant revisions to NDOT policy and state statutes regarding illicit discharges within the right-of-way. One option NDOT is exploring is keeping the manual as is with Section 1, but developing an entirely new document focusing on illicit discharge elimination and enforcement related policy and procedures, i.e. an enforcement response plan. Documentation describing internal policy and procedures for addressing illicit discharges within the right-of-way, which includes an elimination and enforcement component, will be developed in FY 2016.

III.W. Characterization Data

NDOT has deemed its current water quality monitoring efforts as acceptable, but in need of expansion. NDOT will continue to explore opportunities to build upon its current monitoring program.

IV.A. Stormwater Monitoring

Below is a summary of all water quality monitoring activities conducted during the Reporting Period. Given the large volume of data associated with some of these projects, laboratory analysis reports are not included; however they are available upon request.

Stormwater Monitoring Plan

NDOT submitted its annual Stormwater Monitoring Plan (SMP) for FY 2015 to NDEP on October 1st, 2014, a copy of which is provided in Appendix N.

Lake Tahoe TMDL

- Road Operations and Maintenance Practices Effectiveness Testing Project:

  Initiated in September of 2013, the objective of this study is to provide cost-effectiveness information and operational guidance needed by the Lake Tahoe stormwater jurisdictions (NDOT, CalTrans, Eldorado County, City of South Lake Tahoe, Placer County, Washoe County, and Kingsbury General Improvement District) to efficiently and effectively operate their Stormwater Management Programs and improve near-shore and pelagic water quality. The Nevada Tahoe Conservation District (NTCD) is the primary contractor that provides all technical and administrative related services. Specific goals of this monitoring effort are:

  1. Characterize the seasonal variations and average annual Road Rapid Assessment Method (RoadRAM)[38] scores observed on specific road networks from a suite of road operation and maintenance (O&M) practices implemented by urban stormwater jurisdictions.

  2. Track and document the costs associated with, and assess and report the cost-effectiveness of, the implementation of specific road O&M practices.

  3. Develop standardized guidance regarding operational best practices and average conditions expected from their implementation.

  4. Document record-keeping and effectiveness testing protocols to facilitate consistency with future cost-effectiveness evaluations and comparability of results.

[38] A field condition assessment protocol to rapidly assess the pollutant potential of roadways.

5. Foster collaboration and communication amongst the urban stormwater jurisdictions.

Stormwater jurisdiction roles entail agreement to participate in the project and implement the O&M practices to be tested. Data collection efforts within NDOT's jurisdiction occurred at various road segments along SR-431 from the Mt. Rose Summit parking lot to the SR-28 junction.

Data collection efforts occurred over water years 2014 and 2015. A draft report summarizing road maintenance prescriptions and the expected average annual RoadRAM score for each jurisdiction's respective maintenance prescriptions during water year 2014 was released in December, 2014. Taking into account several variables, such as abrasive type, amount of abrasives applied, road pavement conditions, sweeping operations, etc., NDOT received a RoadRam score of 3[39].

Due to a lack of funding, this monitoring effort has been discontinued. A final report is scheduled for delivery in FY 2016.

- Implementers Monitoring Program (IMP): Program was developed jointly by California and Nevada TMDL implementing jurisdictions to collectively fulfill California NPDES requirements or Nevada Interlocal Agreement commitments. The IMP represents a historic first step toward implementing a comprehensive Regional Stormwater Monitoring Program (RSWMP) for the Lake Tahoe Basin.

  As part of this program, a water quality study was initiated to monitor five catchments (monitoring sites) for continuous flow and sampled for water quality at eleven monitoring stations: the outfalls of the five selected catchments, and the inflow to and outflow from the selected BMPs located within three of those catchments. Two of the catchments are located in Nevada (SR-431 and Incline Beach Park off of Lakeshore Blvd., i.e. Incline Village) with both receiving stormwater discharge from NDOT's roadways; the other three catchments are located in California. The monitoring sites were chosen because of their direct hydrologic connectivity to Lake Tahoe, diversity of urban land uses, range of

[39] RoadRam scoring range is between 1 and 5; the higher the number the lower the potential for fine sediment particle loading into Lake Tahoe.

catchment sizes, and a reasonably equitable distribution of sites among the participating jurisdictions.

For one of the catchments, NDOT is utilizing the services of the Desert Research Institute (DRI) to gage the effectiveness of different media filtration stormwater treatment vaults containing different cartridge filters (Contech Stormfilter and an Imbrium Jellyfish) on the removal of fine sediment and associated constituents (e.g. phosphorus and nitrogen) entrained in stormwater runoff discharged from SR-431.

A monitoring report developed by the Tahoe Resource Conservation District was issued on March 15, 2015, summarizing the results of catchment monitoring and BMP effectiveness evaluation monitoring conducted during water year 2014. Results suggest that both the Contech Stormfilter and Imbrium Jellyfish provide a significant stormwater quality treatment benefit with regards fine sediment particle (FSP) reduction (greater than 50% reduction in some cases). As expected, there was a corresponding reduction in total nitrogen and total phosphorus loading (greater than 50% in some cases) as well. Results from the catchment monitoring indicate constituent loading is highly variable, but relatively low for most precipitation events sampled.

A copy of the monitoring report is available upon request.

- With the assistance of the University of Nevada, Reno (UNR), NDOT completed a study titled "Estimating Fine Sediment Generation from Highway Cut Slopes in the Lake Tahoe Basin." This study evaluated FSP generation from cut and fill slope erosion along highway routes maintained by NDOT (US-50, SR-28, and SR-431). The primary objective of this research project was to compare three suitable soil loss methods (Cut and Fill Slope Sediment Loading Assessment Tool (RCAT); Revised Universal Soil Loss Equation (RUSLE); Tahoe Basin Sediment Model (TBSM)) in order to identify the most appropriate method for determining the quantity of total sediment and FSP generated from highway cut and fill slopes along roadways maintained by NDOT.

  The final report was released in December, 2014. Results indicate that surface cover (over other physical characteristics of the slopes) had the greatest effect on erosion. In addition, slopes with volcanic soils (sandy loams) typically generated greater amounts of

runoff and erosion than slopes with granitic soils (sand and loamy sands), resulting in potential greater FSP soil losses. In addition, the RUSLE model performed best in predicting both total soil losses and FSP soil losses compared to the RCAT and TBSM models. The RUSLE was the more accurate predictor for large FSP sediment yields, but the TBSM performed better in predicting smaller FSP sediment yields. The results of this study will hopefully improve upon NDOT's efforts with identifying critical slopes where slope stabilization techniques would be most effective, and better understand erosion processes within the right-of-way.

A copy of the monitoring report is available upon request.

Low Impact Development Research

- The Western Transportation Institute (WTI) participated with NDOT in a twenty-month research study titled "Evaluation of Pervious Concrete Mixes in Areas Subject to Snow Plow Operations and Abrasive and Salt Application" to assess the effectiveness of permeable concrete on reducing fine sediment in areas exposed to winter road maintenance operations. Two test sections installed along SR-28 and SR-431 in the Lake Tahoe Basin were monitored to assess stormwater infiltration rates and physical durability in areas subject to winter Maintenance operations, i.e. snow plowing and sand/salt application. Results of the study indicate that infiltration rates decreased substantially after only one year of service. In addition, some pervious concrete segments experiences premature raveling (i.e. falling apart) following exposure to freeze/thaw cycles, deicers, and mechanical loading. As suggested by the study, an enhanced understanding of the failure mechanisms would help guide better design, construction and maintenance practices. Results of the study indicate that the use of pervious concrete as an LID measure for stormwater treatment may not be as viable an option for NDOT as was hoped.

  Available funding will allow for the continuation of monitoring efforts at the SR-431 permeable concrete section in FY 2016.

  A copy of the report is available upon request.

Maintenance

Sand/oil interceptors (6) located within the Reno/Sparks Maintenance facility receiving stormwater runoff are serviced annually. Prior to clean out, accumulated sediment is sampled and submitted to a Nevada Certified Laboratory for characterization analysis, i.e. TCLP metals, volatile organic chemicals, and pH. Results for all constituents were reported as non-detectable, i.e. below analysis reporting levels, with pH within normal ranges. Monitoring will continue in FY 2016.

Regular Roadway Use

- Lake Tahoe Stormwater Vaults

  NDOT sampled stormwater and/or associated sediment samples from 28 stormwater treatment vaults along US-50, SR-28, and SR-431 in the Lake Tahoe Basin. Results of this annual monitoring effort help ascertain the treatment devices' value as a stormwater BMP for TMDL compliance, and to help characterize stormwater runoff and sediment prior to discharging. It is also anticipated that the results of this ongoing study will assist with NDOT's efforts in meeting the goals and requirements associated with the Lake Tahoe TMDL Program.

  Samples were analyzed for a variety of constituents such as metals, nutrients, total petroleum hydrocarbons (TPH), and bacteria. Results for many constituents displayed a high level of variability. As with past sampling efforts, TPH levels were elevated, requiring pre-treatment, i.e. thermal treatment, prior to disposal. Water samples taken from a water treatment vault in downtown Stateline, i.e. South Lake Tahoe area, displayed high *Escherichia coli* and fecal coliform counts. This is the third, non-consecutive year since 2009 that elevated levels have been detected at this particular location. Although not confirmed, the stormwater treatment vault in downtown Stateline appeared to have an "off" odor suggestive of a petroleum based product, e.g. oil; this may coincide with the high TPH concentrations in the sediment samples.

  In general, water samples exhibited elevated total dissolved solids concentrations as well, but generally low concentrations of nitrogen and phosphorus. With the exception of the

"off" odor described with the Stateline water sample, sign of free product was not observed in any other vault upon time of sampling.

In addition to chemical and constituent analysis, soil samples underwent a particle size distribution analysis to help determine which fragment of the samples are ≤ 16µm in size[40]. Generally speaking, sediment samples did contain an appreciable ≤ 16µm fraction.

Monitoring of the stormwater vaults will continue in FY 2016.

- Truckee Meadows Watershed Monitoring

  NDOT partnered with the Truckee Meadows Storm Water Permit Coordinating Committee (Committee) for stormwater quality monitoring at various stormwater outfall locations in the Truckee Meadows region. Monitoring was initiated in January of 2014. NDOT received a draft report from the Committee during the Reporting Period. Results of the draft report indicated elevated concentrations of various water quality constituents, e.g. total dissolved solids, in select tributaries and urban outfalls that discharge into the Truckee River. NDOT expects to receive a final draft copy of the monitoring report in FY 2016. Monitoring efforts will continue into FY 2016.

- Additional Water Quality Monitoring[41]

  NDOT's Water Quality Section conducted water quality sampling at various locations during runoff events in February, 2015. Sampling occurred at the following locations:

  - US-395 (DO 29.42): Carson River water samples, i.e. grab samples, were collected upstream and downstream of B-1262 (Cradlebaugh Bridge). Although precipitation was not occurring at the time of sampling, a small volume of residual stormwater runoff from a recent precipitation event was flowing off of US-395 and discharging into the Carson River via B-1262. Sampling of the runoff directly from the bridge structure would have been ideal, but due to physical constraints this

[40] Lake Tahoe TMDL is focusing efforts on reducing FSP, or sediment particles < 16µm in size.
[41] Water quality monitoring efforts that were in addition to those reported in the FY 2015 Stormwater Monitoring Plan.

was not possible; consequently samples were collected from the Carson River upstream and downstream of B-1262. Results suggest minor to insignificant deviation between upstream and downstream water samples.

- I-580 (WA 6.8): Stormwater sampling, i.e. grab samples, occurred at the I-580 Bower's Interchange detention basin (located along the east side of I-580). Samples were collected from stormwater runoff discharging into the detention basin from I-580, as well as stormwater discharging out of the detention basin[42]. Sampling suggested elevated concentrations of total aluminum, total manganese, and total iron at both the basin inflow and outflow. Un-expectantly, sampling suggested higher concentrations for many of the water quality constituents in the detention basin outflow sample than the detention basin inflow sample.

- I-580 (WA 10.5): Stormwater sampling, i.e. grab samples, occurred at one of outfalls discharging stormwater runoff from I-580 and into Galena Creek. Sampling suggested elevated concentrations of several constituents, most notably total aluminum, total manganese, and total iron.

- Reno Maintenance Facility: Stormwater samples, i.e. grab samples, were collected during a rainfall event at the inflow and outflow of two new manufactured stormwater treatment devices, i.e. "Jellyfish", installed at the Reno Maintenance facility. Generally speaking, the results of this sampling effort were inconclusive and in fact showed a negative treatment affect for some constituents. This could be attributed to the fact that the stormwater treatment devices were new and may contain substances or residues from the actual installation of the devices or possibly from the manufacturing facility that have to be adequately "flushed out", resulting in false results.

Post-Construction

The monitoring of post-construction revegetation prescriptions at three different locations (one in each District) continued throughout the Reporting Period. The primary objective of this monitoring

[42] At the time of sampling, a strong weather system entered the area, resulting in significant amounts of precipitation over a few day period. The detention basin was at full capacity at the time of sampling, providing an opportunity to sample stormwater flowing both into and out of the detention basin.

effort is to ascertain the relative success of three different revegetation prescriptions. Monitoring locations are located along I-15 east of Las Vegas, I-80 near Fernley, and I-80 near Carlin.

Overall, vegetation establishment for all three locations has greatly improved; but vegetation coverage has yet to meet NDOT's fullest expectations. This can be attributed to a several factors, many of which are outside of NDOT's control, i.e. drought conditions. It is worth noting, however, that significant erosion has not been observed at any site. Monitoring at these three locations will continue in FY 2016.

IV.B. Record Keeping

NDOT retains all records per section IV.B.1 of the Permit. NDEP may request copies of records if needed.

IV.C. Annual Reports

Annual Report Submittal

NDOT submitted the Annual Report summarizing SWMP related activities for FY 2014 on October 1, 2014.

SWMP Programmatic BMP Measurable Goal Accomplishment

When NDOT's SWMP was developed, goals specific to each programmatic SWMP BMP for a given reporting period, i.e. fiscal year, were established. However, during the revision of NDOT's IDDE Program, the idea of utilizing individual programmatic BMPs was revisited. The concept of developing individual programmatic BMPs with their own specific goals was originally thought to be a creative and practical approach to developing the individual aspects of the SWMP. However, as NDOT moved forward with SWMP implementation and began evaluating programmatic achievements and deficiencies, it became apparent that the individual BMP concept was a cumbersome and often times an ambiguous and difficult method for assessing SWMP success. It was decided that as future SWMP revisions occur, components of each major SWMP program element, e.g. the IDDE Program, would be referenced in programmatic sections with associated goals and objectives, rather than as individual, programmatic BMPs[43]. NDOT believes that this

[43] NDEP was notified of this new approach in a letter by NDOT dated December 11, 2014.

modification will enhance comprehension and understanding of the SWMP, facilitate future SWMP revisions, and provide a more meaningful assessment of SWMP implementation. Consequently, the following programmatic BMPs associated with the IDDE Program will no longer be referenced individually and thus will not be discussed in this section.

- IDDE-01 (Illicit Discharge Reporting Hotline)
- IDDE-02 (Illicit Discharge Reporting and Response Database)
- IDDE-03 (Spill Control and Prevention)
- IDDE-04 (IDDE Response, Corrective Action, and Follow-Up)
- IDDE-05 (Sanitary Sewer Exfiltration)
- ENVR-03 (Special Investigations)
- MAINT-04 (Outfall Screening and Investigations)

Assessment of NDOT's IDDE Program is more appropriately provided in the following subsection *SWMP Program Assessment*.

CONST-01 (Construction Site Inspections)

1. Regularly inspect all construction sites within the MS4 Permit area

   Status: NDOT performs construction site stormwater inspections at all NDOT construction sites. Although NDOT's contractors are tasked with performing routine construction site stormwater inspections per NDOT's contract specifications, NDOT's Certified Stormwater Inspectors perform oversight inspections to ensure its contractors are compliant with contract specifications as well as water quality permits (as appropriate). Copies of completed inspection sheets are archived with other documentation associated with a particular contract within the Construction Division at NDOT's Headquarters.

CONST-02 (Construction Site SWPPPs)

1. Verify Stormwater General Permit NVR100000 coverage and SWPPP development and implementation (as appropriate).

Status: NDOT's Resident Engineer and/or Assistant Resident Engineer verifies prior to earth disturbing activities whether the contractor has procured coverage under a Construction General Permit (state or federal issued).

2. Upon project completion, ensure the Notice of Termination (NOT) and Notice of Change[44] (NOC) is filed (as appropriate).

   Status: NDOT worked closely with their contractors to ensure the proper documentation to either close out the Construction General Permit (i.e. Terminate) or transfer complete ownership, i.e. NDOT becomes both the "Owner" and "Operator", upon project completion.

CONST-03 (Nevada Contractors Guide for Construction Site BMPs)

1. Provide access to the current version of the document on NDOT's website.

   Status: NDOT placed a link on its Stormwater Management Program website within the "Helpful Information" webpage to access the document for viewing or download. A web link to the document is provided below.
   http://www.nevadadot.com/StormWater/Helpful_Information.aspx

2. Assist with future document revisions as necessary.

   Status: NDOT was not asked to participate in any revisions to the document during the Reporting Period.

DEPT-01 (NDOT's Construction Site BMPs Manual)

1. Develop a revised document and disseminate for use on construction projects within the MS4 Permit area.

   Status: Revisions to the manual were ongoing during the Reporting Period. NDOT will have a revised manual completed and disseminated for use in FY 2016.

[44] It should be noted that when NDEP's new Stormwater General Permit NVR100000 went into effect January 5, 2015, the Notice of Change form was eliminated.

DEPT-02 (Planning and Design Guide)

1. Develop a revised document and disseminate for use on new projects within the MS4 Permit area.

   Status: Revisions to the manual were ongoing during the Reporting Period. NDOT will have a revised manual completed and disseminated for use in FY 2016.

DEPT-03 (Plan Review Process)

1. Review project plans to ensure that stormwater runoff from new and re-development projects is adequately addressed and treated to the MEP.

   Status: The Water Quality Section reviewed NDOT project designs as well as LPA and encroachment permit project designs to ensure that post-construction stormwater runoff was adequately addressed.

DEPT-04 (Legal Authority and Enforcement)

1. Exercise current legal authority to enforce the provisions of NDOT's MS4 permit.

   Status: NDOT implemented this BMP to the extent practical; however NDOT's legal authority was limited. With the State Legislature's passing of Senate Bill No. 324, NDOT's legal authority is now more robust and clearly defined.

2. Provide written notice to NDEP of any proposal to modify the regulation or ordinances for stormwater discharges into the MS4.

   Status - NDOT did not formally provide written notification to NDEP regarding the changes to state statues associated with Senate Bill No. 324; however NDEP played a direct role with the development of the bill's language.

DEPT-05 (Departmental Stormwater Coordination)

1. Continue to facilitate, develop, and promote inner Department and inter-agency relationships.

   Status: NDOT accomplished this goal, highlighted by the following:

   3. NDOT-AGC collaborating to develop and implement a stormwater training program specifically for NDOT's construction contractors.

   4. NDOT, Governor Sandovol's legal staff, and NDEP collaborating in the development of Senate Bill No. 324.

   5. NDOT's Front Office Administration, Water Quality Section, and Public Information Office working together to enhance NDOT's stormwater public outreach and education efforts.

   6. NDOT's Water Quality Section and Construction Division working together in the development of NDOT's contractor stormwater non-compliance escalation policy.

   7. NDOT and the City of Reno continuing their working relationship with regards to stormwater public outreach and education efforts and water quality monitoring.

   8. NDOT and the Carson River Conservation District continuing to team up with implementing erosion control projects in the Clear Creek Watershed.

   9. NDOT reviving its working relationship with the City of Elko Stormwater Advisory Committee and the Las Vegas Valley Stormwater Quality Management Committee.

   10. NDOT's Water Quality Section developing a relationship with the local contracting community in Las Vegas area.

11. NDOT's Water Quality Section and District staff working closely to continually improve upon efforts to prevent/reduce potential stormwater pollutant discharges from Maintenance facilities statewide.

12. NDOT working together with the Nevada Tahoe Conservation District in support of the Green Streets program in Lake Tahoe.

13. Formation of NDOT's Stormwater Advisory Team, an internal working group comprised of management-level representatives from various NDOT divisions as well as the three Districts to facilitate the decision making process and foster collaboration with implementing NDOT's Stormwater Management Program.

14. Formation of NDOT's "Cooperative Stormwater and Erosion Control Workflow" group. This internal working group is comprised of representatives from the Roadway Design, Hydraulics, and Water Quality Sections. The primary goal of the working group is to facilitate the decision making progress with respect to NDOT's New Development and Re-Development Program.

DEPT-06 (Annual Review of the SWMP)

1. Assess the overall effectiveness of the Department's SWMP by conducting an annual evaluation of the individual and collective programs.

   Status: Please see appropriate sub-sections under section ***IV.C. Annual Reports*** of this Annual Report.

2. Prepare an Annual Report summarizing SWMP related activities for the previous state fiscal year for submittal to NDEP by October 1st annually.

   Status: NDOT submitted the FY 2014 Annual Report to NDEP on October 1, 2014.

3. Incorporate and implement NDEP approved changes to the SWMP.

Status: NDOT submitted its revised IDDE Program to NDEP for review and approval; however NDOT did not receive any comments from NDEP. Consequently NDOT moved forward with implementing the revised program.

DEPT-07 (Impaired Waters)

1. Identify locations where NDOT roads and right-of-ways intersect or parallel water bodies that are on the 2008-2010 303(d) list within the Carson River Basin and Walker River Basin Hydrographic Regions.

   Status: NDOT is no longer assessing waterways listed on the 2008-2010 303(d) list due to the 2012 303(d) list going into effect in December, 2014. NDOT is utilizing GIS capabilities to identify the location of NDOT's infrastructure and its proximity to all waterbodies included on the 2012 303(d) Impaired Waters List. This information is readily available for viewing.

2. Determine if the impaired constituents are commonly found in stormwater discharge from NDOT's MS4.

   Status: NDOT has identified primary constituents of concern that could potentially be associated with stormwater runoff from its MS4 areas in concentrations that could have potential negative impacts to receiving waterbodies (**Part II. Discharges to Water Quality Impaired Waters**). That information was then used to identify 303(d) listed waterbodies with impairments for those same constituents of concern. Within the Carson River Basin Hydrographic Region, 29 waterways are listed as impaired with 13 of them requiring assessment. Within the Walker River Basin Hydrographic Region, 13 waterways are listed as impaired with all 13 requiring assessment (Tables A-1 and A-2 in Appendix A).

DEPT-08 (TMDL Listed Waters)

1. Identify locations where NDOT owned roadways and right-of-ways intersect or parallel waterbodies that have NDEP approved TMDLs.

Status: NDOT is utilizing GIS capabilities to identify the location of NDOT infrastructure and its proximity to TMDL listed waterbodies. This information is readily available for viewing.

2. Determine if the TMDL constituents are commonly found in stormwater discharge from NDOT's MS4.

   Status: NDOT has identified primary constituents of concern that could potentially be associated with stormwater runoff from its MS4 areas in concentrations that could have potential negative impacts to receiving waterbodies. That information was then used to identify TMDL listed waterbodies with impairments for those same constituents of concern. NDOT will move forward with conducting more comprehensive assessments to help ascertain as to whether or not stormwater discharges from NDOT's MS4 areas are significantly contributing to the TMDL listed waterways with respect to the constituents of concern. NDOT has assessed 10 TMDL waterways with 25 remaining (Tables A-1 and A-2 in Appendix A).

3. Initiate a process to identify BMPs for implementation as appropriate.

   Status: Permanent BMP implementation is an ongoing effort as projects associated with the Clear Creek Erosion Control and Lake Tahoe Environmental Improvement Programs continue to be developed. However, as projects within other areas of the state are developed, considerations for the incorporation of site applicable permanent BMPs to help mitigate potential stormwater impacts to 303(d) and TMDL listed waterways are taken into account. Permanent BMPs such as stormwater retention areas, manufactured stormwater treatment devices, and erosion control measures are given more consideration and attention as projects are being developed.

   NDOT's Design Division and Water Quality Section coordinate efforts with determining site appropriate permanent BMPs. The following are examples of projects reviewed during the Reporting Period that were recommended for site specific permanent BMPs based on the impaired nature of the receiving water body:

- Project Number NHP-395-1(026): Recommended that stormwater runoff be rerouted from the bridge decks to adjacent upland areas to promote infiltration rather than directly discharging into the Carson River[45]. The bridge structures are the dividing line between two reaches (Waterbody IDs NV08-CR-07_00 and NV08-CR-08_00) that have EPA approved TMDLs for total phosphorus, total suspended solids, and turbidity.

- Project Number SP-HQ-0702(068): Recommended the installation of a subsurface treatment system as well as a manufactured stormwater treatment device to treat stormwater runoff from the Carson City Maintenance Station prior to discharging into the adjacent MS4[46]. Stormwater eventually discharges (indirectly) into a reach of the Carson River (Waterbody ID NV08-CR-09_00) that has an EPA approved TMDL for total phosphorus, total suspended solids, and turbidity.

- Project Number NHP-080-1(070): Recommended that stormwater runoff be rerouted from the bridge decks to adjacent upland areas to promote infiltration rather than directly discharging into the Truckee River. The reach of the Truckee River in question (Waterbody ID NV06-TR-58-C_00) does not have an EPA approved TMDL, but is listed on the 2012 303(d) Impaired Waters List for water temperature. Although NDOT has determined that stormwater runoff from its MS4 Permit areas does not contribute to a waterbody's impairment listing with regards to elevated water temperatures, it is believed that this hydraulic modification would have a water quality benefit to the Truckee River.

DEPT-10 (Mapping and Inventory of Structural BMPs and Major Outfalls)

1. Continue stormwater mapping and infrastructure inventory efforts.

   Status: Hydraulic facility mapping and inventory efforts were ongoing throughout the Reporting Period (Appendix D).

[45] These improvements were incorporated into the project that became Contract 3595.
[46] These improvements were incorporated into the project that became Contract 3600.

DEPT-11 (Discharges into Sanitary Sewer Systems)

1. Contact District personnel annually to identify instances of stormwater disposal into the sanitary sewer system.

   Status: NDOT did not report any new instances of stormwater disposal into the sanitary sewer system.

2. In the event a new connection is found, immediately solicit an approval letter from the appropriate wastewater utility.

   Status: NDOT did not report any new instances of stormwater disposal into the sanitary sewer system.

DEPT-12 (Industrial Facility Monitoring and Control Program)

1. Perform annual review of NDOT owned facilities and determine if any are considered industrial facilities based on Permit criteria for industrial categories.

   Status: NDOT's facilities remain classified as non-industrial.

2. Should an NDOT facility be classified as industrial, develop an Industrial Facility Monitoring and Control Program.

   Status: NDOT does not own or operate industrial facilities per III.K.1 of the Permit; consequently NDOT has not developed an Industrial Facility Monitoring and Control Program for NDOT's facilities.

DEPT-13 (Low Impact Development (LID) Techniques)

1. Begin developing a preliminary list of potential LID techniques suitable for use along NDOT's highway environments.

   Status: Several LID techniques are potentially viable for use on NDOT projects, most notably revegetation, drainage basins, grading to encourage sheet flow and lengthen flow paths, preserve naturally vegetated areas and soil types (i.e. minimize or prevent land disturbance), rain gardens, etc.

2. From the list, identify the most viable LID techniques for use on highway projects in Nevada.

Status: Currently, the most viable LID techniques for NDOT to utilize are vegetation preservation, revegetation, and the construction of drainage basins. NDOT will continue to evaluate and research various LID strategies to determine if they would be appropriate measures for treating stormwater runoff from NDOT's MS4 Permit areas.

3. Incorporate the viable LID practices into future projects as appropriate.

   Status: The inclusion of LID practices into project designs is evaluated during the project design phase. NDOT is working towards improving the process internally with the creation of the "Cooperative Stormwater and Erosion Control Workflow" group, and the completion of the revised PDG.

EDU-01 (Public Outreach and Education Events)

1. Participate in at least one public stormwater related outreach and education event annually.

   Status: NDOT participated in the Keep Truckee Meadows Beautiful Annual Truckee River Cleanup Day, and the 15th Annual Truckee River Snapshot Day. NDOT will continue to explore opportunities to participate in public outreach and education events in all three Districts.

2. Assess the need to further develop or build upon public outreach and education efforts.

   Status: NDOT identified the need to integrate social media into its public outreach and education efforts. NDOT successfully accomplished that during the Reporting Period by utilizing Facebook, Twitter, and YouTube as primary social media outlets.

EDU-02 (Public Litter Removal Programs)

1. Continue the Adopt-A-Highway and Sponsor-A-Highway programs.

   Status: NDOT continued both programs.

EDU-03 (Partnerships and Affiliations)

1. Continue partnering efforts and affiliations.

   Status: Refer to DEPT-05 (Departmental Stormwater Coordination)

EDU-04 (Demonstration Projects)

1. Continue evaluating new technologies and practices for improving stormwater runoff quality

   Status: NDOT continued implementing its stormwater monitoring program which included a component for the evaluation of new technologies and practices for improving stormwater runoff. Notably, NDOT continued evaluating pervious concrete as a potential, viable LID measure for use along NDOT's roadway system, and continued evaluating the performance of two different manufactured stormwater treatment devices in terms of fine sediment particle removal, and nitrogen and phosphorus load reductions.

2. Explore options to disseminate information and/or knowledge gained to the public from stormwater related projects.

   Status: NDOT is nearing completion of several research studies that will play a key role as the Stormwater Management Program continues to progress. Relevant information from these studies will be disseminated for viewing by the general public, with the Stormwater Management Program website serving as the primary avenue.

3. Begin disseminating this information.

   Status: Upon completion of these studies, relevant information will be disseminated for viewing by the general public.

EDU-05 (Stormwater Management Program Website)

1. Maintain and provide current information on NDOT's SWMP webpage.

Status: NDOT's Stormwater Management Program website was updated periodically during the Reporting Period, including information pertaining to the NDOT-AGC Water Pollution Control Manger stormwater training course, placement of stormwater videos, etc. Other examples include:

- September 8, 2014: A general stormwater email address was placed on the website to provide an alternative means of contacting NDOT's Water Quality Section with stormwater related questions, concerns, etc. The email address is as follows: stormwater@dot.state.nv.us.

  When correspondence is submitted to this email address, the email is re-directed to the email accounts of the Stormwater Management Program Manager and the Environmental Services Division's Administrative Assistant.

- March 17, 2015: A webpage titled "Helpful Information" was created. Inside this webpage, a "Helpful Links" webpage was established, providing viewers with links to various stormwater related websites, including EPA, NDEP, and various municipalities.

- March 26, 2015: A copy of the Nevada Contractor's Field Guide for Construction Site BMPs" was placed on the stormwater website in the "Helpful Information" section.

- Web screen-shots depicting examples of updates to the Stormwater Management Program website are provided in Appendix F.

ENVR-01 (Stormwater Monitoring Plan)

1. Submit a stormwater monitoring plan to NDEP by October 1st annually.

   Status: NDOT submitted the FY 2015 Stormwater Monitoring Plan to NDEP on October 1st, 2014.

2. Evaluate the data collected to assist with stormwater related decision making.

Status: This is an ongoing process. NDOT will continue to evaluate the results of water quality monitoring efforts and utilize the information to assist with the decision making process as it relates to mitigating stormwater pollutant discharges from its roadway system.

3. Conduct a yearly assessment of the adequacy of the stormwater monitoring program.

   Status: NDOT's stormwater monitoring program is adequate; however NDOT recognizes the need to expand its efforts to other watershed areas of the state. NDOT will continue to evaluate and seek new water quality monitoring opportunities in FY 2016.

ENVR-02 (Record Keeping)

1. Implement the record keeping plan.

   Status: Records associated with implementing all program elements of NDOT's SWMP are retained within the appropriate NDOT Division/Section. Specifically, water quality monitoring records are maintained by the NDOT Division/Section tasked with conducting or administering the water quality project in question.

ENVR-04 (Fertilizer Application)

1. Collect and assess fertilizer use data for a two-year period.

   Status: NDOT has collected fertilizer application data over the past two reporting periods. Information indicates that NDOT's fertilizer application rates statewide are relatively low.

ENVR-05 (Vegetative Control Program)

1. Conduct internal project review meetings to facilitate ongoing collaboration between appropriate Divisions and Sections.

Status: NDOT initiated the Cooperative Stormwater and Erosion Control Workflow meetings during the Reporting Period. The goals of the group is to discuss the process and approach for meeting stormwater quality and permanent erosion control goals. In addition, NDOT's Water Quality Section works closely with the Design Division to ensure water quality needs are addressed during project development.

2. Assess current vegetation control practices; provide recommendations for improvement as necessary.

   Status: Current vegetation control practices are deemed sufficient at this time. The Water Quality Section works with the three Districts to ensure that vegetation control practices meet the needs of the Districts as well as taking into account water quality and other environmental concerns.

MAINT-01 (Hazardous Materials Management)

1. Continue the implementation of the Department's existing Hazardous Waste Management Program.

   Status: NDOT continued implementing all aspects of this program.

2. Identify any deficiencies in the existing program with respect to the requirements outlined in the Permit.

   Status: NDOT identified a need for improved internal education for Maintenance and District personnel, specifically with regards to Maintenance facilities. In addition, improvements to NDOT's On-Call Hazardous Waste Contractor requirements and expectations were needed as well.

3. Develop BMPs as needed to address any deficiencies in the program.

   Status: NDOT incorporated elements of the Hazardous Waste Management Program in NDOT's Maintenance Facility Best Management Practices (BMPs) Manual for improved communication and education for Maintenance and District personnel. In addition, NDOT

began revising its On-Call Hazardous Waste Contractor requirements, including increasing flexibility with regards to types of waste that may be cleaned up, and firmer internal policies and procedures.

MAINT-02 (Snow and Ice Control Program)

1. Continue implementing the Department's current Snow and Ice Control Program

   Status: NDOT continued to implement its Snow and Ice Control Program. This program will continue to evolve and undergo refinement to maximize effectiveness for attaining a standard for public safety, while minimizing potential impacts to receiving waterbodies.

2. Collect and analyze composite samples of sand and salt as specified in the Permit.

   Status: Analysis of anti/de-icing agents utilized for winter maintenance operations will continue as new products are procured.

3. Identify any deficiencies in the existing program with respect to the requirements outlined in the Permit.

   Status: NDOT indicated in the FY 2014 Annual Report that coordination efforts with regards to analyzing anti/de-icing agents needed to improve.

4. Develop BMPs as needed to address any deficiencies in the program.

   Status: Coordination efforts improved during the Reporting Period as the Water Quality Section worked closely with the Maintenance and Asset Management Division to ensure the necessary testing requirements are included with the revisions to the Maintenance Manual as well as new vendor open term contracts.

   One area that requires further improvement is maintaining adequate documentation of the testing results and making them readily accessible.

MAINT-03 (Street Sweeping Program)

1. Continue implementing the Department's Street Sweeping Program.

   Status: NDOT continued implementing its street sweeping program as it is widely considered to be one of the more effective means of reducing potential pollutant discharges.

2. Continue sweeping urban streets at least twice a year (once in the spring and once in the fall).

   Status: Sweeping is conducted at least twice annually in the urban areas.

3. Continue sweeping sanded streets as soon as practicable after application, but no later than 4 days after the last snowfall.

   Status: NDOT continues to meet this requirement.

4. Assess the idea of recycling sweeper waste.

   Status: Sweeper waste material may be utilized at the Maintenance Crew's discretion should it be considered acceptable for the intended use, e.g. roadway embankment repairs. Otherwise, it is properly disposed of.

MAINT-05 (Inspection and Maintenance of Structural BMPs)

1. Continue inspecting and maintaining post-construction BMPs, storm sewer facilities, and highway slopes as part of NDOT's routine activities.

   Status: NDOT Maintenance personnel continued maintaining post-construction BMPs, storm sewer facilities, and highway slopes per their respective maintenance schedules. Water Quality Section personnel continued performing slope assessments within the right-of-way (with a focus on slopes 3:1 or greater) to identify areas experiencing significant erosion with the intent of addressing the problem areas as part of the project design.

2. In conjunction with DEPT-10, develop an inventory listing of post-construction BMPs.

   Status: The mapping and inventory of permanent BMPs is occurring simultaneously with the mapping and inventory of stormwater hydraulic facilities. The post-processing of data is ongoing; however the listing of permanent BMPs within the right-of-way is scheduled for completion by FY 2017.

MAINT-06 (Maintenance Facility FPPPs)

1. Develop FPPPs, or incorporate into existing Minor Facility FPPPs (as appropriate), for new Department Maintenance facilities within 6 months of being designated a Major or Minor facility.

   Status: FPPPs were updated as appropriate.

MAINT-07 (Maintenance Facility Inspections)

1. Perform annual inspections at designated Major and Minor facilities. Modify or add BMPs as necessary within 30 calendar days of the inspection

   Status: Annual inspections were conducted by NDOT's Water Quality Section at all NDOT Major and Minor facilities. Site specific recommendations for corrective action, i.e. appropriate BMP implementation, were made with 100% follow-up.

2. Perform routine inspections at designated Major and Minor facilities according to frequencies specified in the FPPPs. Modify or add BMPs as necessary with 30 calendar days of the inspection.

   Status: FPPP administrators and/or their staff are tasked with checking sites as they are being utilized as part of their ongoing pollution prevention/control efforts. FPPP administrators are also tasked with performing documented self-inspections in addition to the routine visual inspections. Both Districts I and III were 100% compliant with meeting

their self-inspection requirements; District II was 83% compliant with respect to their major facilities and 94% compliant with respect to their minor facilities.

3. Maintain BMPs listed in the FPPP in effective operating condition. Perform maintenance on the ineffective BMPs within 7 calendar days of discovery and before the next anticipated storm event.

   Status: This is on an ongoing effort for all FPPP administrators. However, FPPP administrators were 100% compliant with demonstrating post-annual stormwater inspection corrective action compliance.

4. Review Maintenance facility inspection forms annually and revise as necessary.

   Status: Both FPPP inspection forms were reviewed; changes were deemed unnecessary.

MAINT-08 (Maintenance Facility BMP Manual)

1. Develop a Maintenance facility-specific BMP manual and disseminate for use.

   Status: Development of NDOT's Maintenance Facility Best Management Practices (BMPs) Manual was ongoing during the Reporting Period[47].

MAINT-09 (Maintenance Facility Updates)

1. Request an updated list of Maintenance facilities from the Asset Management and Maintenance Division, including information pertaining to facility operational changes, on an annual basis.

   Status: Notification regarding changes to Maintenance facilities, i.e. operational status, additions, removals, etc. is communicated directly to Water Quality Section personnel located in all three district headquarters offices on an annual basis.

[47] The manual was subsequently completed and disseminated for use in August, 2015 (FY 2016)

2. Apply the appropriate modifications to FPPP designations.

   Status: Maintenance facilities are provided with the appropriate FPPP designations as appropriate on an annual basis.

3. Modify, create, or annul Minor and Major FPPPs as appropriate

   Status: FPPPs are updated as appropriate on an annual basis.

TRAIN-01 (Stormwater Certification Training-Internal)

1. Continue implementing NDOT's Stormwater Certification Training Program.

   Status: NDOT continued to offer its Certified Stormwater Inspector training course in all three districts throughout the Reporting Period. NDOT issued 591 new course completion certificates, and issued 247 re-certification certificates.

2. Ensure stormwater education is current and relevant.

   Status: District course instructors have updated course content.

TRAIN-02 (Contractor Stormwater Education and Training-External)

1. Continue with contractor partnering efforts with regards to construction site stormwater management.

   Status: Formal partnering efforts are now included in *NDOT's Standard Specifications for Road and Bridge Construction, 2014* in Section 105.05 Partnering.

2. Continue support of third party contractor stormwater education and training sessions as a means of meeting the Department's contractor stormwater education requirements:

Status: NDOT is supportive of any stormwater training that its contractors have completed; however those trainings are supplemental to the contractor required NDOT-AGC Water Pollution Control Manger stormwater training course.

3. Develop a stormwater training/outreach program for NDOT's contractors:

   Status: NDOT and the AGC collaborated to develop the 16-hour Water Pollution Control Manger stormwater training course required for all prime NDOT construction contractors. The AGC held three classes during the Reporting Period; 172 individuals attended the class with 73 of them being NDOT employees. The AGC will continue to offer these courses throughout the year in Las Vegas, Reno/Sparks, and Elko.

Train-03 (NDOT Herbicide Applicator Training)

1. Ensure NDOT staff and service providers are properly certified for herbicide applications.

   Status: NDOT herbicide applicators complete the necessary certification required by the Nevada Department of Agriculture. NDOT contractor applicators are required to complete state certification as well.

2. Continue to track and monitor the certification status of NDOT applicators.

   Status: Records are maintained at the District level.

<u>SWMP Program Assessment</u>

NDOT has begun evaluating all of its SWMP elements. The individual sections in this Annual Report provide insight towards program specifics; however programmatic assessments from a broader, SWMP implementation and administration aspect are summarized below.

1. Legal Authority:

   NDOT's legal authority to control discharges within its right-of-way underwent significant change during the Reporting Period. The modification of state statutes as well as internal policy will assist NDOT with addressing unauthorized discharges within the right-of-way.

Maintaining adequate legal authority is an essential component for implementing a successful illicit discharge prevention and control program; consequently NDOT will continue to evaluate its legal authority annually and propose modifications as necessary.

2. Stormwater Education, Outreach and Training Program:

NDOT views this program as (overall) adequate and greatly improved.

NDOT's internal stormwater training program has by and large been a success; however ongoing training efforts during the Reporting Period were deficient. District III held the least amount of training course opportunities with 6, resulting in only 71% compliance in regards to NDOT personnel being current with training requirements, the lowest percentage of the three districts. Stormwater trainings were held in the Elko and Ely sub-districts during the Reporting Period; however no trainings were held in the Winnemucca sub-district, greatly reducing the compliance percentages. With improvements to internal tracking and increases to the number of trainings offered (statewide) during the Reporting Period (statewide), NDOT significantly improved upon the 74% compliance percentage from FY 2014 to 89% during FY 2015.

By establishing Water Quality Section personnel in all three Districts, NDOT has been able to increase the number of employee stormwater trainings offered to NDOT personnel over the past three reporting periods. This has provided employees with increased opportunity to attend the training in the event other priority activities come about. The overall steady decline in the number of compliance issues noted per annual stormwater inspection at NDOT's Maintenance facilities statewide over the past three reporting periods suggest that training efforts have been effective thus far.

NDOT's revamped internal stormwater training program is scheduled for implementation in FY 2016, providing an opportunity to improve upon the overall 89% compliance percentage.

Development and subsequent implementation of NDOT's WPCM training program, i.e. 2-day 16-hour training, for NDOT's construction contractors was one of NDOT's largest SWMP accomplishments during the Reporting Period. NDOT traditionally relied on

contract language to fulfill its Permit requirements for contractor training. The WPCM training represented an ideal opportunity to provide formalized construction stormwater training specific to NDOT construction projects for NDOT contractors. NDOT is grateful to be working collaboratively with the AGC (considered by many as the leading association for the construction industry) to implement this training program.

Public outreach and education efforts are deemed adequate, greatly improved, and more diversified. NDOT considers its website to be a strong component of it outreach and education program and will continue to update and expand its content for both the general public and NDOT employees.

NDOT has expanded its use of social media as an avenue for disseminating stormwater related messaging and information, utilizing current outlets such as Facebook and Twitter. Recognized as a popular means for social networking, NDOT will continue to utilize social media to create and share stormwater related information to virtual communities and networks.

NDOT will continue to explore opportunities to develop stormwater videos for posting on YouTube as well as NDOT's website. YouTube is a large video-sharing website that provides an opportunity for users to upload videos that can be accessed by viewers worldwide.

NDOT will continue to participate in stormwater related community outreach events, which serve as opportunities to communicate and interact face to face and participate in hands-on educational events with members of the community.

3. Hydraulic Facility Inventory and Mapping Program:

NDOT has made significant strides during the Reporting Period with regards to its hydraulic facility inventory and mapping efforts. It is estimated that NDOT has completed the mapping of stormwater hydraulic facilities for over 90% of its state right-of-way. With the exception of a few rural areas scattered across the state, most of the remaining work is within the heavily urbanized Las Vegas Valley.

NDOT significantly increased resources to accelerate efforts during the Reporting Period. NDOT hired the services of several temporary employees and public service interns to complete the bulk of the work. By taking this approach, NDOT is able to manage resources in a fashion that employs personnel dedicated almost entirely towards completing this work. NDOT does not foresee any issues with completing the initial inventory and mapping work by FY 2017.

What is unclear moving forward is the maintenance of this information in perpetuity once initial inventory efforts are complete. It is envisioned that the stormwater hydraulic facility database will be integrated into NDOT's future asset management program; however it is unclear when the new system will be fully online.

What is clear is that NDOT has begun to understand the integral role that the mapping of stormwater hydraulic facilities plays in SWMP implementation. The success of future SWMP development and subsequent implementation hinges on this information being readily accessible, accurate, and maintained.

4. Discharges to Impaired Waters, Lake Tahoe, and Sanitary Sewers:

With significant progress made with the hydraulic facility inventory and mapping efforts, NDOT can proceed with conducting more comprehensive assessments to determine if stormwater discharge from NDOT's MS4 areas are significantly contributing to the listing of the 303(d) or TMDL listed waterways with regards to the primary constituents of concern. NDOT is in the preliminary stages of developing a rating system to assist with these assessment. The new rating system takes into account the distance of the flow path as well as "hydraulic barriers" between NDOT's major outfalls and the impaired/TMDL waterway they may discharge to. The higher the number a major outfall receives, the greater the likelihood for stormwater discharge to reach the impaired waterway[48]. The idea is for this rating system to assist with designating priority outfalls for future stormwater mitigation efforts with regards to the primary constituents. NDOT will move forward with evaluating this new system in FY 2016 to determine if it is a viable tool for assisting with impaired/TMDL waterway analysis.

[48] Under "normal" precipitation events, e.g. 2-year 24-hour storm event or less.

NDOT's first Lake Tahoe TMDL Annual Report (Water Year 2014) was submitted and subsequently accepted by NDEP. As indicated in the report, NDOT met its TMDL requirements. Meeting the goals and objectives associated with the Lake Tahoe TMDL Program continues to be attainable as the program moves forward.

NDOT continues to meet Permit requirement pertaining to stormwater discharges into sanitary sewer systems.

5. Construction Site Program:

Overall this program is deemed adequate, but in need of improvement.

NDOT updated contract specification language affecting several aspects of the Construction Site Program, most notably addressing construction site stormwater BMP non-compliance and contractor stormwater training requirements. These changes were implemented to clearly convey NDOT's expectations for preventing/minimizing pollutant discharges from construction activities. These changes went into effect at the end of the Reporting Period and/or beginning of the FY 2016 reporting period; consequently, discussion as to how these changes have affected the Construction Site Program will be provided in the FY 2016 Annual Report.

NDOT revised its encroachment/occupancy terms and conditions regarding construction site stormwater compliance. As with NDOT's contract specifications, these improvements will clearly convey NDOT's expectations to preventing/minimizing pollutant discharges from non-NDOT construction activities performed within the right-of-way. Right-of-way personnel played a key role in crafting the language, taking into consideration problems and inconsistencies that have traditionally been experienced with "regulating" encroachment/occupancy permit work. The new language went into effect at the beginning of the FY 2016 reporting period; consequently, a discussion as to how the improved language has affected the Construction Site Program will be provided in the FY 2016 Annual Report.

District Water Quality Section personnel continued to review Weekly Site Discharge inspection forms completed by NDOT's Construction Crew Stormwater Inspectors to

ensure the contractor is adhering to the requirements of NDOT's contract specifications and the Construction General Permit regarding stormwater compliance. With the Water Quality Section serving in a QA/QC capacity, opportunities to assist stormwater inspectors with questions, issues, etc. involving construction site stormwater compliance become available. However, the ability to distribute completed forms internally in a more readily fashion needs to be explored. Currently, the process is cumbersome with variable lag times between when reports are submitted by Construction Crew personnel and received by Water Quality Section personnel. Consequently, feedback from the Water Quality Section may not be as immediate as needed.

NDOT continued its policy of requiring its construction contractors to develop and implement a stormwater pollution prevention plan (SWPPP), regardless of whether or not a Construction General Permit was procured, in an effort to prevent or reduce construction site stormwater pollutant discharges.

Efforts to revise NDOT's "Construction Site Best Management Practices (BMPs) Manual" were ongoing during the Reporting Period. NDOT was hopeful that the revised manual would be completed and available for use during the Reporting Period; however NDOT fell short of that goal. The added time and effort put forth into the revisions, however, will ultimately result in a more comprehensive and relevant guidance document. The revised manual is scheduled for completion and implementation in FY 2016.

6. New Development and Redevelopment Program:

NDOT deems this program as adequate, but refinements are needed. There is increased awareness amongst NDOT personnel tasked with designing highway construction and maintenance projects to take into account post-construction site stabilization measures into a project's design. NDOT's updated Planning and Design Guide will provide guidance to designers for incorporating permanent stormwater treatment measures, e.g. revegetation, LID measures, etc. into project designs. Ongoing collaboration between the Water Quality Section and Design Division continue to ensure that appropriate measures are being taken to mitigate stormwater discharge from NDOT's right-of-ways during the design phase; however the internal process needs to be revised to ensure uniformity and consistency.

7. Illicit Discharge Detection and Elimination Program:

There is nothing to report with Sections 3.7.1 and 3.7.2 of the IDDE Program; these sections provide an overview of Permit requirements and definitions of illicit and authorized discharges, respectively.

Overall, NDOT deems the IDDE Program as greatly improved. The Department has made great strides with strengthening this program; however there are aspects of the program in need of improvement.

3.7.3 Maintenance Facility Pollution Prevention Plans:

NDOT has developed Facility Pollution Prevention Plans for all of its designated Major and Minor facilities. FPPPs continue to serve as the foundation for stormwater compliance at NDOT's Maintenance facilities. The FPPPs are reviewed and updated annually. District Water Quality Section personnel continue to serve as a local source for FPPP guidance and implementation.

With the exception of the incidents previously noted in Section ***III.J. Illicit Discharge Detection and Elimination System***, Water Quality Section staff were not aware of any illicit discharge incidents occurring at an NDOT Maintenance facility.

3.7.4 Maintenance Facility Best Management Practices (BMPs) Manual

Efforts associated with developing this manual were ongoing during the Reporting Period. The manual will be the standard guidance document for the implementation of stormwater pollution control measures at all NDOT Maintenance facilities, and will become a key component in all FPPPs.

Draft versions of the manual were developed during the Reporting Period, but a final document was not completed until August of 2015 (i.e. FY 2016). NDOT's goal was to have the manual completed by May, 2015.

3.7.5 Field Guide for Illicit Discharge Detection and Elimination

NDOT's goal was to develop the field guide by January, 2015. NDOT met this goal, but immediately discovered errors and inconsistencies. The manual was developed into two primary parts: Section 1 was devoted to educating readers of illicit discharges. Information pertaining to what constitutes an illicit discharge, indicators of an illicit discharge, and the appropriate contact information when an illicit discharge is observed is provided. Section 2 was devoted to field investigation and enforcement action protocol with the intended audience being internal staff. Upon manual completion, a significant portion of the information pertaining to enforcement and compliance was immediately outdated due to NDOT taking an aggressive approach to modifying policy and procedure in the latter half of the Reporting Period. Inconsistencies and information omission regarding field sampling protocol were discovered as well. NDOT felt that releasing a guidance document with information that was outdated, inconsistent, and did not meet internal standards would have been detrimental to the program, especially at a time when the IDDE Program was gaining momentum and acceptance. However, Section 1 of the document was released for viewing on NDOT's Stormwater Management Program website (Illicit Discharge Reporting webpage). Content in this section was deemed to be informative and acceptable.

Moving forward into FY 2016, the following changes to the document will be made.

- The first section is deemed adequate and will remain as is

- Guidance specifically pertaining to illicit discharge field investigations and sampling protocol will be included, but refined.

- Information pertaining to enforcement action will be omitted. This information will be included, specifically, in subsequent versions of the SWMP, or in a stand-alone document, e.g. an enforcement response plan.

3.7.6 Major Outfall Inventory

NDOT established a goal of having hydraulic facility inventory efforts completed by the end of FY 2017. NDOT is on pace to achieving that goal as over 90% of the roadway system has been mapped. Mapping and inventory efforts are nearly complete for all

hydrographic regions (a few small areas remain) with the majority of remaining areas within Clark County, i.e. the Las Vegas Valley. Mapping efforts to date have already proven valuable with illicit discharge related issues and will serve as the foundation for developing a routine outfall program.

3.7.7 Storm Sewer System Map

The development of maps depicting the location of major outfalls and other hydraulic facilities within NDOT's right-of-way is an ongoing effort. Given that NDOT is moving forward with "paperless" capabilities for many of its operations, web maps (or similar platforms) will ultimately be the primary systems utilized by NDOT.

3.7.8 Routine Outfall Screening

NDOT's goal is to begin routine outfall screening in July, 2017, which coincided with the date for completing initial stormwater outfall inventory and mapping efforts. However, with hydraulic facilities inventoried and mapped for over 90% of NDOT's roadway system, the planning stage for the routine outfall and screening program will begin early in FY 2016. It is conceivable that routine outfall screening efforts could commence in FY 2016.

3.7.9 Training

IDDE related subject matter is, and will continue to be, incorporated in NDOT's stormwater training course curriculums. Course material will be updated as appropriate.

Given the substantial increase in illicit discharge incidents reported by NDOT employees, as well as the increase in training opportunities provided during the Reporting Period, it can be inferred that illicit discharge related awareness has greatly increased amongst NDOT employees.

The overall downward trend in FPPP compliance issues noted during annual stormwater inspections at NDOT's Maintenance facilities (many of which could lead to potential illicit discharges should a runoff event occur), coupled with the increase in post-inspection corrective action suggests that internal training efforts are an effective means of illicit discharge prevention education for NDOT's Maintenance and District personnel.

3.7.10 Sanitary Sewer Exfiltration

Sanitary sewer exfiltration related incidents were not reported to NDOT's Water Quality Section during the Reporting Period.

3.7.11 Internal and External (Public) Reporting of Illicit Discharges

The number of illicit discharge related incidents reported to NDOT's Water Quality Section by internal employees and the general public significantly increased during the Reporting Period compared to the previous reporting period. An area recommended for improvement is the filing of spill reports. Internal employees need to ensure that spill reports are filed with NDEP should they observe any illicit discharge into the storm sewer system. Also, internal employees should not be hesitant to file spill reports for incidents observed that do not occur on NDOT's right-of-way and/or do not involve NDOT personnel. Due to the comingling of stormwater runoff within the urbanized areas of the state, an illicit discharge into another entity's MS4 could eventually reach NDOT's MS4 system at some point downstream and vice versa.

Illicit discharge reporting information is maintained on NDOT's Stormwater Management Program website within the "Illicit Discharge Reporting" webpage. NDOT will continue to update the information on this webpage as needed.

NDOT began revisions to its "Nevada Statewide Hazmat Program, Policies and Procedures" to provide clarity regarding types of materials that can be cleaned up and appropriate activation procedures. The revised policy is expected to assist with expediting cleanup response and provide the flexibility needed to cleanup any material within the right-of-way deemed as hazardous or illicit. The revised policy will be implemented in FY 2016.

Currently improved documentation involving spill cleanup efforts within NDOT's right-of-way need to occur (both NDOT's on-call hazardous materials cleanup contractor and outside party's cleanup contractor). While a level of communication exists regarding whether cleanup efforts occurred or not, the documentation supporting and detailing the cleanup efforts is often times lacking. This was noted as an issue in the FY 2014 Annual

Report. Discussions internally have been initiated to remedy the issue; however efforts to fully address the issue have been lacking.

3.7.12 IDDE Database

NDOT continues to log all illicit discharge (and potential illicit discharge) incidents within the IDDE Database housed with NDOT's Water Quality Section. NDOT will look for opportunities to improve upon the tracking of illicit discharges by exploring the possibility of integration with a GIS based platform. The IDDE Database continues to demonstrate its value for documenting illicit discharge/spill incidents that impact NDOT's right-of-way.

3.7.13 Compilation and Assessment

An annual review of the database did not indicate any "hot spots" or areas repeatedly subject to illicit discharges or connections. However, what is apparent is that incidents involving sanitary sewer systems, i.e. damaged pipes and clogged lines, are prevalent in the urbanized areas as determined from the spill reports provided by NDEP. In addition, outfall inspections associated with the mapping and inventory efforts have shown that agricultural water conveyance systems (e.g. pipes) can be prevalent in NDOT's MS4 in many rural areas of the state. Records also demonstrate that the potential for illicit discharges from the traveling public, i.e. fuel spills associated with vehicle accidents, is substantial; further demonstrating the importance of having a qualified response team to quickly mitigate impacts to the surrounding environment should such incidents occur.

NDOT will continue to review the IDDE database on a regular basis to determine if any trends or hotspots emerge resulting in the need for increased monitoring and surveillance.

8. Industrial Facility Monitoring and Control Program:

NDOT deems this program as greatly improved.

NDOT has implemented the first phase of its Industrial Facility Monitoring and Control Program. NDOT's Water Quality Section assessed over 700 industrial facilities across the state and determined that 55 are candidates for possible future monitoring efforts as a result of their potential to directly discharge into NDOT's right-of-way. In an effort to

facilitate future monitoring and assessment efforts to effectively move this program forward, NDOT's GIS database currently housing the industrial facility related information needs to be greatly expanded. Per NDOT's revised IDDE Program, NDOT is scheduled to conduct routine monitoring of outfalls receiving stormwater discharges from industrial areas beginning in FY 2017.

9. Maintenance Facility Discharge Control Program:

   NDOT deems this program as adequate, but in need of improvement.

   Districts I and II are comparable in regards to the number of annual stormwater inspections that were conducted, compliance issues noted, and corrective action taken over the past three reporting periods; however, of the three districts, District II demonstrated the largest increase in FPPP compliance from FY 2014 to FY 2015. District I maintained its steady increase in compliance over the past three reporting periods. District III demonstrated a greater level of FPPP compliance given the larger number of inspections conducted with the lowest number of compliance issues noted over the past two reporting periods. However, District III was the only district that demonstrated a decrease in FPPP compliance between the FY 2014 and FY 2015 reporting periods; never the less, FPPP compliance as whole (statewide) continued its increasing trend.

   It is NDOT's goal to continue the downward trend of FPPP compliance issues and maintain 100% corrective action. NDOT's Water Quality Section will continue to provide assistance and guidance to District staff for stormwater pollution control efforts.

   FPPP administrators, as a whole, were 97% compliant with meeting their sweeping and documented self-stormwater inspection requirements, a significant improvement from the previous reporting period. The FY 2014 Annual Report noted that NDOT needed to better document FPPP compliance activities and that better communication between NDOT's Water Quality Section and Maintenance personnel would facilitate this. The significant improvement with FPPP record keeping is reflective of these improved communication efforts.

Until a new MMS is developed and implemented, NDOT will have to develop a short-term solution to tracking drop inlet related information when maintenance is performed.

10. Public Street Maintenance Program:

NDOT deems this program as adequate, but in need of improvement. Currently, NDOT's Maintenance Management System (MMS) is not configured to collect information pertaining to the volume of material removed as part of drop inlet cleaning, only the number of drop inlets. NDOT needs to develop an efficient and effective methodology for estimating the volume of material that is removed during drop inlet cleaning activities, followed by developing a system to record and track that information.

The FY 2014 Annual Report noted that increased communication efforts between the three Districts, the Maintenance and Asset Management Division, and the Water Quality Section are needed to ensure understanding regarding Permit requirements for laboratory analysis of abrasives and anti-/de-icing materials. Communication between the Water Quality Section and the Maintenance and Asset Management Division were ongoing throughout the Reporting Period to further reinforce the understanding of the Permit's requirements.

The Water Quality Section assisted the Maintenance and Asset Management Division with revising NDOT's Maintenance Manual, a document that provides Maintenance personnel with guidance pertaining to Maintenance tasks and associated responsibilities. Revisions included the addition of testing requirements for anti/de-icing agents.

NDOT's Maintenance staff track their tasks and accomplishments via the MMS. Modifying the MMS at this point in time to record volumes of material removed from hydraulic facility cleaning efforts was deemed as unfeasible. NDOT is in the process of developing a new maintenance tracking system; however it is predicted that the new system will not be operational for another 1-3 years. NDOT will have to explore options during FY 2016 to determine a short term solution to improve the tracking of this information until the new MMS is implemented.

For NDOT to have the ability to fully implement a Public Street Maintenance Program that meets the needs of the general public while fully meeting Permit expectations, there is going to have to be additional resources, e.g. personnel and equipment, made available, most notably at the district level. NDOT has begun a systematic approach to addressing these needs, the culmination of which will begin to take effect in FY 2016.

11. Herbicide, Pesticide, and Fertilizer Application Program:

NDOT deems this program as adequate, but refinements may be necessary. Herbicide applicators must obtain training and subsequent certification from the Nevada Department of Agriculture. Currently, there are no certification requirements for fertilizer applicators. Pesticide and fertilizer application is touched upon in NDOT's current stormwater training curriculum; however there is a need for more education regarding fertilizer and herbicide application, potential effects to receiving waterways, and appropriate BMPs for incorporation into NDOT's revised stormwater training program.

12. Clear Creek Master Stormwater Management Program:

NDOT deems this program as adequate, but in need of minor improvement. To improve upon its public outreach and education efforts, NDOT is exploring the possibility of creating a webpage on its SWMP website entirely dedicated to NDOT's Clear Creek Erosion Control Program. NDOT dedicates time and resources annually to improve the quality of Clear Creek through the implementation of small scale erosion control projects; these efforts should be broadcast to the public as a method for increasing stormwater and overall watershed improvement awareness.

NDOT continued developing and implementing erosion control projects within the watershed.

Improvements to the decant basin in the Spooner East Maintenance Yard will greatly reduce the likelihood of illicit materials discharging into NDOT's MS4 within the Clear Creek watershed.

13. Stormwater Monitoring Program:

NDOT deems this program as adequate, but could benefit from progression. NDOT would benefit from expanding stormwater quality monitoring efforts to all the major municipal regions within the state, e.g. Elko and Las Vegas Valley in an effort to better characterize stormwater runoff from NDOT's facilities. NDOT will continue to explore opportunities for expanding its Stormwater Monitoring Program.

SWMP Administration

In February, 2015, NDOT was issued a *draft* Consent Decree from the Environmental Protection Agency (EPA) for allegedly violating Section 301(a) of the Clean Water Act by discharging pollutants in stormwater in violation of its Permit. NDOT anticipates working closely with the EPA early in FY 2016 to develop a resolution.

The administration side of NDOT's Stormwater Management Program underwent significant changes during the Reporting Period. NDOT's Deputy Director was tasked with directly overseeing the Stormwater Management Program, providing NDOT with the front office leadership necessary to help ensure successful development and implementation of NDOT's SWMP.

NDOT's Water Quality Section hired two Water Quality Specialist in NDOT's District I Headquarters office in Las Vegas; one Water Quality in NDOT's District II Headquarters in Reno; and one Water Quality Specialist in NDOT's District III Headquarters in Elko. NDOT also conducted interviews for an additional Water Quality Specialist in Elko.[49]

The Water Quality Section filled a Water Quality Section Supervisor position that was previously vacated.

At the end of the Reporting Period, NDOT's Water Quality Section, whose responsibilities are to assist with the administration, development, and implementation of NDOT's SWMP, was at a staffing level of 7 individuals, resulting in a total of 9 individuals (including the Chief of

[49] This interview resulted in the hiring of another Water Quality Specialist who began their respective job duties in NDOT's Water Quality Section early in FY 2016.

Environmental Services Division and the Deputy Director) directly overseeing SWMP implementation for NDOT. At the end of FYs 2013 and 2014, a total of 3 and 4 individuals, respectively, oversaw SWMP implementation. NDOT more than doubled its internal staff dedicated to overseeing the administration and implementation of its Stormwater Management Program during the Reporting Period.

NDOT's initial goal was to have 2 Water Quality Specialists working in each District to provide assistance and guidance to district personnel with implementing NDOT's SWMP. However, during the Reporting Period, the State of Nevada Governor's office as well as the NDEP provided support during the State of Nevada 2015 Legislature Session for the development of a new stormwater division within NDOT whose primary responsibility is SWMP development, implementation, and MS4 Permit compliance. In March of 2015, NDOT went before the Nevada Legislature and successfully amended its 2016-2017 biennial budget in the amount of approximately $15.7 million dollars to fund the new stormwater division. In addition to existing Water Quality Section personnel, fifty-nine new stormwater positions (including a new Deputy Director and Division Chief) will be added, comprising the new stormwater division (Appendix Q). Hiring efforts to fill the new positions were underway towards the end of the Reporting Period.

On August 1st, 2013, NDOT entered into an agreement with a service provider, i.e. consultant, to assist with SWMP implementation. A total of 15 task orders have been issued to date. NDOT was requested by NDEP to submit progress reports on a monthly basis and has complied with that request. A brief summary of accomplishments as well as the status of each task order (as of June 30, 2015) are provided below.

- Development of internal stormwater training modules

    - NDOT has reviewed multiple drafts of the training modules. Final modules will be completed in early FY 2016. Material from these modules will be incorporated into the revised training curriculums scheduled to begin in FY 2016.

- Development of a contractor stormwater training module

    - Draft training material was developed; however work was suspended as a result of the Water Pollution Control Manager stormwater training developed by the AGC and NDOT.

- Development of an updated "Construction Site Best Management Practices (BMPs) Manual"

    - NDOT reviewed one draft of the manual and determined that significant revisions to the content were necessary. Consequently, a final document will not be completed until FY 2016.

- Development of an updated "Planning and Design Guide"

    - NDOT reviewed two drafts of the manual and determined that significant revisions to the content were necessary. Consequently, a final document will not be completed until FY 2016.

- Development of a BMPs manual for Maintenance facilities

    - A final document was nearing completion at the end of the Reporting Period.[50]

- Provide construction site stormwater inspection assistance; development of a revised Weekly NDOT Construction Site Discharge Inspection Checklist

    - The service provider has yet to provide services associated with construction site stormwater inspection assistance as this is task is "as needed."

    - A revised Weekly Construction Site Discharge Inspection Checklist was completed in FY 2014.

[50] The final document was subsequently completed in August, 2015.

- Stormwater outreach and education program development

    - A final public education and outreach strategy was developed to assist NDOT with expanding upon is public outreach and education program.

    - Draft outreach materials addressing illicit discharges within NDOT's right-of-way and tailored towards specific groups/industries has been developed. Currently the five groups/industries are commercial facilities, construction sites, homeowners, industrial facilities, mining & aggregate facilities. Final outreach materials will be completed in FY 2016.

- Development of SWMP website material

    - Content will be evaluated when future updates to the website are necessary. It is anticipated that future work associated with this task order will not be necessary.

- MS4 mapping assistance

    - Assistance was provided during the Reporting Period; however as a result of NDOT increasing resources internally to complete the hydraulic facility mapping and inventory effort, it is anticipated that future work associated with this task order will not be necessary.

- Assist with equipment wash pad assessments and develop plans for new wash pad and/or improvements to existing wash pads as needed

    - A draft summary of the wash pad assessment and feasibility summary was provided during the Reporting Period. The development of plans, specifications, and estimates for the wash pads at the Reno and Carson City Maintenance Stations were initiated. Efforts to complete the report and wash pad designs; however, were performed under different task orders. Future work associated with this task order will not be required.

- Impaired waterway analysis

    - An assessment to provide insight as to whether or not stormwater runoff from NDOT's right of way is a significant contributor to the constituents of concern in Steamboat Creek was completed.

- Development of an IDDE Field Guide

    - The IDDE Field Guide was completed during the Reporting Period; however due to changes with internal policy and procedure, the document requires revision. The first section of the document (content focusing on educating all NDOT employees on how to recognize illicit discharges and the appropriate action to take) was deemed sufficient and currently resides on NDOT's Stormwater Management Program website.

- Unspecified stormwater support services

    - Work Order 1 was issued and subsequently completed. Work entailed revising the Reno and Carson City Maintenance Yard wash pad designs to include automatic control valves.

    - Work Order 2 was issued[51]; work entailed modifying the wash pad design for the Reno Maintenance Facility to incorporate its relocation and addition of a sander rack.

- Equipment wash pad improvement design

    - Completion of the equipment wash pad assessment and feasibility study, and complete wash pad designs for the Carson City and Reno Maintenance Stations. Future work associated with this task order will not be required.

[51] Work associated with this work order was subsequently completed in early FY 2016.

- Complete revisions to the Construction Site BMPs Manual[52]

    - NDOT reviewed a second draft of this document; however NDOT determined that significant revisions were required. A final document is scheduled to be completed in FY 2016.

NDOT provided monthly updates to NDEP documenting progress with all task orders issued.

FY 2015 SWMP Expenditures[53]

During the Reporting Period, NDOT did not have a dedicated budget tracking system exclusively for SWMP activities; consequently an all-inclusive listing of expenditures associated with the various elements of NDOT's SWMP cannot be reported. Expenditures associated with the implementation of temporary and permanent erosion control features can be significant; however these costs are difficult to extract since they are often times associated with various construction and maintenance related costs. Many of NDOT's SWMP related efforts (including those performed by Water Quality Section personnel), were captured under various project funds (state and federal) as well as general overhead and thus cannot be extrapolated. However, a dedicated project number was established for the hydraulic facility mapping and inventory efforts. Starting in FY 2016, a dedicated system to track SWMP related costs was implemented.

The following represents known expenditures associated with contracts, agreements, and other various documentation for SWMP related activities and programs.

- SWMP Administration

    - Permit annual and renewal fees: $1,257

    - During the Reporting Period, NDOT dedicated 10 staff members to implement the SWMP on a full-time or part-time basis (8 Water Quality Section staff, Chief of

[52] Due to the previous task order expiring, a new one was executed for document completion.
[53] All values, except MS4 Permit Fee, rounded to the nearest one hundred dollars. Please note that the financial related data are estimates based upon best available information and may not take into account missing invoices, stale claims, unknown invoice adjustments, etc. Costs associated with Maintenance activities, unless explicitly stated, are not included.

Environmental Services Division, Deputy Director). Estimated salary expenditures associated with these staff members as it pertains directly to NDOT's Stormwater Management Program is estimated to be $413,600. FY 2014 staff expenditures were estimated to be $88,100-$148,200; however this estimate did not take into account the Chief of Environmental Services Division's time.

- Hydraulic Facility Inventory and Mapping

    - Expenditures associated with hydraulic facility mapping and inventory efforts, which include work performed by full-time and part-time NDOT staff, temporary employees, and consultant staff are estimated at $902,800 for the Reporting Period ($259,500 is associated with consultant work[54]). The estimate reported in the FY 2014 annual report for NDOT and consultant staff[55] was $406,500 and $524,000, respectively, for a total estimated expenditure of $930,500. Given the significant progress that NDOT has made with the hydraulic facility mapping and inventory efforts from FY 2014 to FY 2015 (refer to Figure 1), the shift in funding allocations resulted in a more cost effective approach to completing the work.

- Equipment

    - Three pickup trucks for Water Quality Section staff in all three districts were purchased for $53,900 (total).

    - Two pickup trucks for Water Quality Section staff in District I were rented for $6,600 (total).

    - Two vactor trucks for the maintenance of hydraulic facilities within District II were rented for $258,100 (total).

    - One broom was purchased for $288,000 while four sweepers were retrofitted for $744,000 in District I.

[54] As part of NDOT's SWMP implementation contract.
[55] As part of NDOT's SWMP implementation contract.

- Maintenance Facility Temporary Pollution Control Measures

    - Materials associated with the implementation of temporary pollution control measures at the Sparks Equipment Yard: $10,700.

    - Materials associated with the implementation of temporary pollution measures at the Fernley Maintenance Station: $7,200.

    - Materials associated with the implementation of temporary pollution control measures at the Fallon Maintenance station: $8,400.

- Maintenance Station Sand/Oil Interceptor Servicing

    - Contractor-servicing of sand/oil interceptors at the Reno/Sparks Maintenance station: $5,900.

    - Contractor-servicing of sand/oil interceptors at the Las Vegas North (HQ), Las Vegas South, Glendale, Alamo, Panaca, Mt. Charleston, Mountain Springs, and Tonopah (HQ) Maintenance Stations: $26,900.

- Statewide hazardous material spill response: $50,941.

- Maintenance Activities

    - Contractor-hydraulic facility cleaning efforts in District II (I-80, US-395A, SR-207, SR-28, US-50, SR-431, SR-760): $260,600.

    - Contractor-sweeping efforts throughout Clark County: $218,400.

    - Contractor cleaning efforts of homeless and aviary sites in Clark County: $118,800.

    - Stormwater related Maintenance task: $13,079,308 (Refer to Table M-25 in Appendix M).

- Maintenance Facility Improvements

- Construction costs associated with Elko Maintenance Facility improvements (including was pad retrofit): $857,100.

- Construction of the Fairview brine making building and containment system: $106,000.

- Maintenance Facility wash pad assessments, and design costs for improvements at the Reno/Sparks and Carson City Maintenance stations: $178,700.

- Construction costs associated with Carson City Maintenance station drainage improvements: $94,200.

- Construction costs associated with Reno/Sparks Maintenance station drainage improvements: $1,612,800.

- Lake Tahoe Water Quality Improvement Projects

  - Construction costs associated with Contract 3501 (SR-431): $33,200.

  - Construction costs associated with Contract 3564 (SR-207): $9,178,000.

  - Construction costs associated with the Green Streets Program: $73,800.

  - Various project design costs were $115,700.

- Landscape Architecture

  - Design and/or construction: $368,600.

  - Maintenance: $8,400.

- Stormwater Training: $80,190.

- Impaired/TMDL Waterways Assessments: $19,000.

- RWIS Forecasting: $99,000.
- Public Outreach and Education: $29,800.
- Water Quality Manual Development/Revisions: $411,900.
- Water Quality Monitoring: $248,700.
- Expenses associated with the construction of projects associated with the Clear Creek Erosion Control Program were $1,992,900.
- Roadway hydraulic facility repair/roadway stabilization projects: $1,017,100.
- Clear Creek Erosion Control Program:
    - Water quality monitoring efforts were $48,200.
    - Construction of water quality improvement projects: $1,582,800.

FY 2016 SWMP Activities and Fiscal Analysis

NDOT created specific activity codes for employees to track their efforts related to SWMP related activities[56]. Table 11 below summarizes these activity codes and associated budget estimates.

[56] It should be noted that many stormwater related activities performed by NDOT Maintenance personnel and their associated costs will continue to be tracked utilizing the Maintenance Management System (MMS) rather than the new stormwater tracking system.

Table 11. Stormwater related activities and associated budget cost estimates for FY 2016.

Activity	Budget Cost Estimate
Stormwater Administration	$1,050,000
Stormwater Administration (Part Time District Engineer)	$115,000
Water Quality Monitoring	$605,000
Illicit Discharge Detection and Elimination	$182,000
Maintenance of Highway Facilities	$11,300,000
Training/Education	$300,000
Maintenance Facilities	$182,000
Construction Inspection	$825,000
Legal Enforcement/Compliance	$289,000
Public Outreach	$81,000
Mapping/Database Development	$460,000
Stormwater Design	$481,000
Industrial Facility Monitoring and Inspection	$182,000
Herbicide/Pesticide Application	$238,000
Total	*$16,290,000*

The tracking of Stormwater Management Program related activities utilizing these activity codes went into effect on July 1, 2015.

NDOT added 3 new Water Quality Specialist positions in all three NDOT Districts to assist with SWMP implementation. Including the 2 Supervisor positions and the additional staff position[57] at NDOT Headquarters in Carson City, the already existing Water Quality Specialist staff in the 3 Districts, total annual salary expenditures associated with Water Quality Section staff is estimated to be $349,300 - $587,900[58].

During the 2015 State of Nevada Legislature, NDOT successfully amended its 2016-2017 biennial budget in the amount of approximately $15.7 million dollars. Included with the budget amendment

[57] This position was filled early in FY 2016.
[58] Rounded to the nearest one hundred dollars. Salary is dependent upon grade and step level as well as retirement option.

was approval to add 59 new stormwater positions and $7.6 million dollars in new stormwater equipment, as well as additional funds for training, operations, and travel.

NDOT will continue to utilize consultant services to assist with SWMP implementation. With internal support increased, the extent to which consultant services will be needed is unknown. However, there is no indication that funds will not be available to fund the consultant agreements.

NDOT has committed $3,000,000 towards Maintenance facility improvements and $300,000 for Clear Creek erosion control projects.

IV.D. Annual Fee

NDOT remitted a MS4 Permit annual plus renewal fee of $1,257.

IV.E. Continued Permit Coverage

NDOT's Permit expires July 6, 2015; consequently NDOT submitted a formal, written request to NDEP for continued permit coverage within the 180 day time frame prior permit expiration. A copy of the letter is provided in Appendix R.

IV.F. Changes by NDEP

NDOT formally submitted its revised IDDE Program to NDEP for review and approval; however NDOT did not receive any comments from NDEP. Consequently NDOT moved forward with implementing the revised program.

IV.G. Responsibility for Stormwater Management Program Implementation

NDOT's "State Maintained Highways of Nevada, Descriptions and Maps" is published by NDOT's Planning Division on an annual basis. This document is a single source reference for the current State System, i.e. a list of State maintained Interstate, United States, and State Routes. As changes are made to the State System, NDOT's Roadway Systems Division submits quarterly updates via inter-Department memo. Copies of the memos issued during the Reporting Period are in Appendix O. A copy of the reference document is available upon request.

Appendices

APPENDIX A

303(d) Impaired and TMDL Listed Waterways Assessment Summary

Table A-1: Assessed waterbodies on NDEP's 2010-2012 303(d) Impaired Waters List and EPA's Approved TMDL List.

ID	Name[1]	Impaired Constituents[2]	Fiscal Year Assessed	TMDL or 303(d) Listed Waterway	Is NDOT a Significant Contributor to the Listing of the Waterbody?
NV08-CR-02_00	Bryant Creek	Arsenic, Total Iron, Nickel, Turbidity, Total Suspended Solids	FY 2012	TMDL	No
NV04-MR-98_00	Hanks Creek and Hanks Creek South Fork	Water Temperature	FY 2012	TMDL	No
NV04-SF-62_00	Dixie Creek	Water Temperature	FY 2012	TMDL	No
NV01-NW-01-A_00	Boulder Reservoir	pH, Total Phosphorus	FY 2013	303(d)	No
NV01-NW-08_00	Cove Creek	Total Phosphorus	FY 2013	303(d)	No
NV01-NW-04-B_00	Wall Canyon Reservoir	Total Phosphorus	FY 2013	303(d)	No
NV10-CE-42-B_00	Cave Lake	pH	FY 2013	303(d)	No
NV10-CE-33-C_00	Comins Reservoir	Mercury in Fish Tissue, pH, Water Temperature	FY 2013	303(d)	No
NV10-CE-35-A_00	East Creek	*Escherichia coli*	FY 2013	303(d)	No
NV10-CE-34-A_00	North Creek	*Escherichia coli*	FY 2013	303(d)	No
NV10-CE-26-B_00	Ruby Marsh	Mercury in Fish Tissue, Water Temperature	FY 2013	303(d)	No
NV06-TB-08_00	Lake Tahoe	Clarity, Dissolved Oxygen, Plankton County, Total Inorganic Nitrogen as N	FY2011	TMDL	Yes
NV06-TR-04_00	Truckee River	Total Nitrogen, Total Phosphorus, Total Dissolved Solids	FY 2014	TMDL	No
NV06-TR-05_00	Truckee River	Total Nitrogen, Total Phosphorus, Total Dissolved Solids	FY 2014	TMDL	No
NV06-TR-06_00	Truckee River	Total Nitrogen, Total Phosphorus, Total Dissolved Solids	FY 2014	TMDL	No
NV06-SC-45-B_00	Franktown Creek	Iron	FY 2014	303(d)	No
NV06-SC-51-B_00	Galena Creek	pH	FY 2014	303(d)	No
NV06-SC-64_00	Thomas Creek	Arsenic, Total Boron	FY 2014	303(d)	No
NV06-SC-63-B_01	Whites Creek, North Fork	*Escherichia coli*	FY 2014	303(d)	No
NV06-SC-63-B_03	Whites Creek, Middle Fork	*Escherichia coli* , Total Iron, Total Phosphorus	FY 2014	303(d)	No
NV06-TR-76_00	Alum Creek[3]	pH, Total Phosphorus, Ortho-Phosphorus, Total Dissolved Solids, Total Suspended Solids, Water Temperature	FY 2014	303(d)	No
NV06-TR-77_00	Chalk Creek	Nitrate as N, Total Phosphorus, Ortho-Phosphorus, Total Selenium, Sulfates, Water Temperature, Total Dissolved Solids, Total Suspended Solids	FY 2014	303(d)	No
NV06-TR-65_00	Sparks Marina	Total Nitrogen, Total Phosphorus, Total Dissolved Solids	FY 2014	303(d)	No
NV06-TR-58-C_00	Tracy Pond	pH	FY 2014	303(d)	No
NV06-TR-02_00	Truckee River	Water Temperature	FY 2014	303(d)	No
NV06-TR-03_00	Truckee River	Water Temperature	FY 2014	303(d)	No
NV06-TR-04_00	Truckee River	Water Temperature	FY 2014	303(d)	No
NV06-TR-05_00	Truckee River	Water Temperature	FY 2014	303(d)	No
NV13-CL-10_00	Beaver Dam Wash	Water Temperature	FY 2015	303(d)	No
NV06-TB-34_00	Eagle Rock Creek	Total Phosphorus	FY 2015	303(d)	No
NV06-TB-33_00	Edgewood Creek	Total Iron	FY 2015	303(d)	No
NV06-TB-26_00	Edgewood Creek	Total Phosphorus	FY 2015	303(d)	No
NV08-CR-32_00	Indian Creek	Total Phosphorus and Water Temperature	FY 2015	303(d)	No
NV03-JR-14_00	Jarbidge River	Zinc	FY 2015	303(d)	No
NV03-JR-12_00	Jarbidge River, East Fork	Water Temperature	FY 2015	303(d)	No
NV03-SR-35_00	Little Goose Creek	*Escherichia coli* , pH, Total Phosphorus, Water Temperature, Total Suspended Solids, Turbidity	FY 2015	303(d)	No
NV04-HR-33-C_00	Rock Creek	Total Iron	FY2015	303(d)	No

ID	Name[1]	Impaired Constituents[2]	Fiscal Year Assessed	TMDL or 303(d) Listed Waterway	Is NDOT a Significant Contributor to the Listing of the Waterbody?
NV06-SC-41-C_00	Steamboat Creek	*Escherichia coli*	FY 2015	303(d)	No
NV06-SC-42-C_00	Steamboat Creek[4]	Arsenic, Total Boron, Total Iron, *Escherichia coli*	FY 2015	303(d)	No for *Escherichia coli*; Further Analysis for Total Iron
NV03-SR-45_00	Trout Creek	Total Iron, Total Phosphorus, Water Temperature, Total Suspended Solids, Turbidity	FY 2015	303(d)	No
NV06-SC-54-B_00	Whites Creek North and South Forks	pH and Total Phosphorus	FY 2015	303(d)	No
NV04-HR-34-A_00	Willow Creek	Water Temperature	FY 2015	303(d)	No
NV04-HR-83_00	Willow Creek	Total Dissolved Solids	FY 2015	303(d)	No
NV02-BL-14_00	Buffalo Creek	pH	FY 2015	303(d)	No
NV02-BL-26_00	Soldier Meadows Hot Springs (Creek)	Total Boron, Total Fluoride, pH	FY 2015	303(d)	No
NV02-BL-02-B_00	Squaw Creek Reservoir	Dissolved Oxygen	FY 2015	303(d)	No
NV03-BR-16_00	Bruneau River	pH and Water Temperature	FY 2015	303(d)	No
NV03-SR-07-B_00	Camp Creek	Water Temperature	FY 2015	303(d)	No
NV03-SR-37_00	Cedar Creek	*Escherichia coli*	FY 2015	303(d)	No
NV03-SR-09-B_00	Cottonwood Creek	Water Temperature	FY 2015	303(d)	No
NV03-SR-57_00	Cottonwood Creek, North Fork	Water Temperature	FY 2015	303(d)	No
NV03-SR-60_00	Deer Creek	Water Temperature	FY 2015	303(d)	No
NV03-SR-62_00	Deer Creek, West Fork	Water Temperature	FY 2015	303(d)	No
NV03-SR-53_01	Jakes Creek Reservoir	Mercury in Fish Tissue	FY 2015	303(d)	No
NV03-SR-55_00	Jakes Creek, South Fork	Water Temperature	FY 2015	303(d)	No
NV03-OW-34_00	Mill Creek	Manganese, Nickel, Sulfates, Zinc	FY 2015	303(d)	No
NV03-OW-18_00	Owyhee River	Mercury in Fish Tissue	FY 2015	303(d)	No
NV03-OW-83_00	Rio Tinto Gulch	Manganese, Zinc	FY 2015	303(d)	No
NV03-SR-05-B_00	Salmon Falls Creek, South Fork	Water Temperature	FY 2015	303(d)	No
NV03-SR-03_00	Shoshone Creek	Water Temperature	FY 2015	303(d)	No
NV03-SR-13_00	Sun Creek	Water Temperature	FY 2015	303(d)	No
NV04-HR-03_01	Barth Pit	Mercury in Fish Tissue	FY 2015	303(d)	No
NV04-NF-124_00	Beadles Creek	pH	FY 2015	303(d)	No
NV04-NF-75_00	Beaver Creek	Water Temperature	FY 2015	303(d)	No
NV04-NV-76_00	Beaver Creek, East Fork	Water Temperature	FY 2015	303(d)	No
NV04-LH-61_00	Cabin Creek	Water Temperature, Zinc	FY 2015	303(d)	No
NV04-NF-142_00	Cabin Creek	Water Temperature	FY 2015	303(d)	No
NV04-HR-96_00	Cole Creek	pH	FY 2015	303(d)	No
NV04-SF-62_00	Dixie Creek[5]	*Escherichia coli*, Total Iron, Total Phosphorus	FY 2015	303(d)	No
NV04-NF-16-A_01	Humboldt River, North Fork	pH	FY 2015	303(d)	No
NV04-NF-16-A_03	Humboldt River, North Fork	pH	FY 2015	303(d)	No
NV04-LH-45-A_00	Little Humboldt River, North Fork	Cadmium, Copper, Total Iron, Zinc	FY 2015	303(d)	No
NV04-LH-46-B_00	Little Humboldt River, North Fork	Mercury in Fish Tissue, Water Temperature	FY 2015	303(d)	No
NV04-LH-48-A_00	Little Humboldt River, South Fork	*Escherichia coli*, Water Temperature	FY 2015	303(d)	No
NV04-MR-27-C_00	Maggie Creek	Water Temperature	FY 2015	303(d)	No
NV04-MR-10-A_00	Mary's River	Water Temperature	FY 2015	303(d)	No
NV04-MR-10-B_01	Mary's River	Dissolved Oxygen	FY 2015	303(d)	No
NV04-SF-113_00	Pearl Creek	Water Temperature	FY 2015	303(d)	No
NV04-HR-176_00	Peterson Creek	pH	FY 2015	303(d)	No
NV04-HR-177_00	Pratt Creek	pH	FY 2015	303(d)	No
NV04-RR-38-B_00	Reese River	pH, Water Temperature	FY 2015	303(d)	No
NV04-SF-116_00	Robinson Creek	Water Temperature	FY 2015	303(d)	No
NV04-NF-126_01	Sammy Creek	Arsenic, pH, Total Selenium	FY 2015	303(d)	No
NV04-NF-126_02	Sammy Creek	pH, Total Selenium	FY 2015	303(d)	No
NV04-SF-82_00	South Fork Reservoir	Mercury in Fish Tissue, Water Temperature	FY 2015	303(d)	No
NV06-SC-69_00	Dry Creek	*Escherichia coli*	FY 2015	303(d)	No
NV06-SC-62_00	Evans Creek	*Escherichia coli*	FY 2015	303(d)	No

ID	Name[1]	Impaired Constituents[2]	Fiscal Year Assessed	TMDL or 303(d) Listed Waterway	Is NDOT a Significant Contributor to the Listing of the Waterbody?
NV06-SC-40-C_00	Washoe Lakes	Mercury in Fish Tissue	FY 2015	303(d)	No
NV08-CR-49_00	All Lakes, Reservoirs, and Wetlands Below Lahontan Dam	Mercury in Fish Tissue	FY 2015	303(d)	No
NV08-CR-47_00	All Stream/Rivers Below Lahontan Dam in Lahontan Valley	Mercury in Fish Tissue	FY 2015	303(d)	No
NV08-CR-02_00	Bryant Creek[5]	Water Temperature, Dissolved Solids	FY 2015	303(d)	No
NV08-CR-07_00	Carson River	Dissolved Oxygen, Water Temperature	FY 2015	303(d)	No
NV08-CR-08_00	Carson River	*Escherichia coli* , Water Temperature	FY 2015	303(d)	No
NV08-CR-09_00	Carson River	*Escherichia coli* , Mercury in Fish Tissue, Dissolved Oxygen, Water Temperature	FY 2015	303(d)	No
NV08-CR-10_00	Carson River	Mercury in Fish Tissue, Mercury in Sediment	FY 2015	303(d)	No
NV08-CR-11_00	Carson River	Mercury in Fish Tissue, Mercury in Sediment, Dissolved Mercury in Water Column	FY 2015	303(d)	No
NV08-CR-12_00	Carson River	Mercury in Fish Tissue, Mercury in Sediment	FY 2015	303(d)	No
NV08-CR-06_02	Carson River, East and West Forks and Carson River	Water Temperature	FY 2015	303(d)	No
NV08-CR-03_00	Carson River, East Fork	Water Temperature	FY 2015	303(d)	No
NV08-CR-05_01	Carson River, East Fork	Water Temperature	FY 2015	303(d)	No
NV08-CR-06_01	Carson River, West Fork	*Escherichia coli* , Water Temperature	FY 2015	303(d)	No
NV08-CR-23-C_00	Indian Lakes	Mercury in Fish Tissue, Mercury in Sediment, pH	FY 2015	303(d)	No
NV08-CR-25-C_00	South Carson Lakes	Mercury in Fish Tissue, Mercury in Sediment	FY 2015	303(d)	No
NV08-CR-27-C_00	Stillwater Marsh East of Westside Road	Arsenic, Total Boron, Mercury in Fish Tissue, Mercury in Sediment	FY 2015	303(d)	No
NV10-CE-30-C_00	Gleason Creek	Copper	FY 2015	303(d)	No
NV10-CE-76_01	Overland Lake	Mercury in Fish Tissue	FY 2015	303(d)	No
NV10-CE-87_00	Warm Springs Pond (Independence Valley)	Mercury in Fish Tissue	FY 2015	303(d)	No
NV13-CL-10_00	Beaver Dam Wash	Water Temperature	FY 2015	303(d)	No
NV13-CL-01_00	Colorado River	Water Temperature	FY 2015	303(d)	No
NV13-CL-02_00	Colorado River	Water Temperature	FY 2015	303(d)	No
NV13-CL-25-C_00	Echo Canyon Reservoir	Mercury in Fish Tissue, pH, Water Temperature	FY 2015	303(d)	No
NV13-CL-44_00	Las Vegas Creek	Total Selenium	FY 2015	303(d)	No
NV13-CL-32_00	Meadow Valley Wash	Total Fluoride, Water Temperature	FY 2015	303(d)	No
NV13-CL-11_01	Muddy River	*Escherichia coli* , Dissolved Oxygen	FY 2015	303(d)	No
NV13-CL-40_00	Sloan Channel	Total Boron, Total Fluoride, Total Selenium	FY 2015	303(d)	No
NV13-CL-07_00	Virgin River	Total Boron	FY 2015	TMDL	No
NV13-CL-08_00	Virgin River	Total Boron	FY 2015	TMDL	No
NV13-CL-09_00	Virgin River	Total Boron	FY 2015	TMDL	No

[1]Impairments may not apply to the entire waterbody. Refer to the Nevada 2012 Integrated Report for information pertaining to waterway reach/segment descriptions.

[2]Inorganic aqueous constituents are the dissolved fraction unless otherwise noted.

[3]Water Temperature was added to the 303(d) listing after the initial assessment was completed, and was therefore evaluated under the revised methodology as discussed in Section II of the Annual Report.

[4]Consultant report indicated further analysis required for total arsenic and total boron; however they are not a focal point per the revised methodology described in Section II of the Annual Report.

[5]Determined in FY 2012 prior to the release of the Nevada 2012 Integrated Report that the waterway does not receive stormwater discharge from NDOT's MS4.

Table A-2: Waterbodies on NDEP's 2010-2012 303(d) Impaired Waters List and EPA's Approved TMDL List requiring assessment.

ID	Name[1]	Impaired Constituents[2]	TMDL or 303(d) Listed Waterway
NV02-BL-09-B_00	Bilk Creek Reservoir	Dissolved Oxygen, pH, Total Phosphorus	303(d)
NV02-BL-11-A_01	Quinn River, East Fork	Total Phosphorus	303(d)
NV02-BL-01_00	Smoke Creek	*Escherichia coli* , Total Iron, Total Phosphorus, Water Temperature, Turbidity	303(d)
NV03-OW-52_00	Badger Creek	Total Iron	303(d)
NV03-OW-18_00	Burns Creek	Sulfates, Total Dissolved Solids	303(d)
NV03-OW-82_00	Dry Creek	Cadmium, Copper, Total Iron, Water Temperature, Turbidity, Zinc	303(d)
NV03-OW-87_00	Gracie Creek	Sulfates, Total Dissolved Solids	303(d)
NV03-SR-53_00	Jakes Creek	Water Temperature, Turbidity	303(d)
NV03-SR-54_00	Jakes Creek, North Fork	Water Temperature, Total Suspended Solids, Turbidity	303(d)
NV03-OW-50_00	Jerritt Canyon Creek	Sulfates, Total Dissolved Solids	303(d)
NV03-OW-33_00	Mill Creek	Total Iron, Turbidity	303(d)
NV03-OW-49_00	Mill Creek	Nitrate-Nitrogen, Total Phosphorus, Sulfates, Total Dissolved Solids, Total Suspended Solids	303(d)
NV03-OW-27_00	Owyhee River, South Fork	Mercury in Fish Tissue, Total Phosphorus, Water Temperature, Total Suspended Solids	303(d)
NV03-SR-02_00	Salmon Falls Creek	Total Iron, Total Phosphorus, Water Temperature, Total Suspended Solids, Turbidity	303(d)
NV03-OW-51_01	Snow Canyon Creek	Sulfates, Total Dissolved Solids	303(d)
NV03-OW-51_02	Snow Canyon Creek, East Fork	Total Selenium, Sulfates, Total Dissolved Solids	303(d)
NV03-OW-85_00	Starvation Canyon Creek	Total Phosphorus	303(d)
NV03-OW-14_00	Taylor Canyon	Total Phosphorus	303(d)
NV03-SR-38_00	Trout Creek	*Escherichia coli* , Total Iron, Total Phosphorus, Water Temperature, Total Suspended Solids, Turbidity	303(d)
NV03-SR-47_00	Trout Creek, West Fork	Total Phosphorus, Total Suspended Solids, Turbidity	303(d)
NV03-OW-25-B_00	Wildhorse Reservoir	Mercury in Fish Tissue, Dissolved Oxygen, pH, Total Phosphorus, Water Temperature	303(d)
NV04-NF-77_00	Beaver Creek, West Fork	Total Phosphorus, Water Temperature	303(d)
NV04-LH-95-B_00	Chimney Reservoir	Total Fluoride, Total Iron, Mercury in Fish Tissue, Total Phosphorus	303(d)
NV04-MR-104_00	Conners Creek	Total Phosphorus, Water Temperature	303(d)
NV04-NF-127_00	Dry Creek	Nickel, Total Selenium, Total Dissolved Solids	303(d)
NV04-HR-178_00	Emigrant Spring Drainage	Total Iron, Total Phosphorus, Total Dissolved Solids	303(d)
NV04-HR-01_00	Humboldt River	Total Iron, Total Phosphorus	303(d)
NV04-HR-02_00	Humboldt River	Total Iron, Mercury in Fish Tissue, Turbidity	303(d)
NV04-HR-03_00	Humboldt River	Total Iron, Total Manganese, Turbidity	303(d)
NV04-HR-04_00	Humboldt River	Total Iron, Turbidity	303(d)
NV04-HR-05_00	Humboldt River	Total Iron, Mercury in Fish Tissue, Turbidity	303(d)
NV04-HR-06_00	Humboldt River	Mercury in Fish Tissue, Total Phosphorus	303(d)
NV04-HR-07-C_00	Humboldt River	Total Iron, Total Dissolved Solids	303(d)

ID	Name[1]	Impaired Constituents[2]	TMDL or 303(d) Listed Waterway
NV04-HR-08-D_01	Humboldt River	Total Boron, *Escherichia coli* , Total Fluoride, Total Iron, Total Selenium	303(d)
NV04-NF-16-A-02	Humboldt River, North Fork	pH, Total Dissolved Solids	303(d)
NV04-NF-17-B_00	Humboldt River, North Fork	Total Phosphorus	303(d)
NV04-NF-56-B_00	Humboldt River, North Fork	Total Iron, Total Manganese, Total Phosphorus	303(d)
NV04-SF-57-B_00	Huntington Creek	Total Phosphorus, Total Dissolved Solids	303(d)
NV04-LH-47-C_00	Little Humboldt River	Total Phosphorus	303(d)
NV04-LH-49-B_00	Little Humboldt River, South Fork	Total Iron, Total Phosphorus	303(d)
NV04-SF-112_00	Little Porter Creek	Fecal Coliform, Total Phosphorus	303(d)
NV04-HR-26-B_00	Maggie Creek	Total Phosphorus	303(d)
NV04-HR-182_00	Mosquito Canyon Creek	Total Iron, Total Manganese, Total Selenium, Sulfates, Total Dissolved Solids	303(d)
NV04-HR-165_00	North Antelope Creek	Total Iron	303(d)
NV04-HR-58_00	Pine Creek	Total Phosphorus, Total Dissolved Solids	303(d)
NV04-HR-81_00	Rye Patch Reservoir	Mercury in Fish Tissue, Total Phosphorus	303(d)
NV04-NF-93_00	Sheep Creek	Nickel, Total Selenium, Total Dissolved Solids	303(d)
NV04-HR-67_00	Sherman Creek	Copper, *Escherichia coli* , Total Iron, Total Phosphorus	303(d)
NV04-HR-175_00	Stormy Creek	Total Dissolved Solids	303(d)
NV04-MR-11-A_00	Tabor Creek	Cadmium, *Escherichia coli* , Nickel, Total Selenium, Total Dissolved Solids, Zinc	303(d)
NV04-SF-131_00	Tenmile Creek	Total Iron, Total Phosphorus	303(d)
NV04-HR-89_00	Trout Creek	*Escherichia coli* , Total Iron, pH	303(d)
NV04-NF-125_00	Water Canyon Creek	pH, Total Selenium, Total Dissolved Solids	303(d)
NV04-HR-95_00	Woodruff Creek	Total Phosphorus, Total Suspended Solids, Turbidity	303(d)
NV06-SC-42-D_00	Steamboat Creek	Arsenic, Total Boron, *Escherichia coli* , Total Iron	303(d)
NV06-TB-26_00	Glenbrook Creek	Total Phosphorus	303(d)
NV06-TB-16_00	Incline Creek, East and West; Incline Creek	Total Iron, pH, Total Phosphorus	303(d)
NV06-TB-27_00	North Logan House Creek	Total Phosphorus	303(d)
NV06-TRB-25_00	Spooner Lake	pH, Water Temperature, Turbidity	303(d)
NV06-TB-12_00	Third Creek, East and West Forks; Third Creek	pH, Total Phosphorus	303(d)
NV06-TB-106_00	Unnamed Creek near Diamond Peak	Dissolved Oxygen, Total Phosphorus	303(d)
NV06-TB-105_00	Unnamed Tributary to Incline Creek @ Tyrolian Village	pH, Total Phosphorus	303(d)
NV08-CR-47_00	Ambrosetti Pond	Total Phosphorus, Water Temperature, Turbidity	303(d)
NV08-CR-53_01	Bonanza Creek	Cadmium, Nickel, pH, Sulfates, Total Dissolved Solids	303(d)
NV08-CR-29_00	Brockliss Slough, Including East and West Branches	*Escherichia coli* , Total Iron, Dissolved Oxygen, Total Phosphorus, Water Temperature	303(d)
NV08-CR-03_00	Carson River, East Fork	Water Temperature, Total Suspended Solids, Turbidity	303(d)
NV08-CR-13-C_00	Carson River, Lower	*Escherichia coli* , Total Iron, Manganese, Mercury in Fish Tissue, Mercury in Sediment, Total Dissolved Solids	303(d)
NV08-CR-24-C_00	Diagonal Drain	Arsenic, Total Boron, *Escherichia coli* , Total Iron, Mercury in Fish Tissue, Mercury in Sediment, Total Phosphorus, Total Dissolved Solids	303(d)

ID	Name[1]	Impaired Constituents[2]	TMDL or 303(d) Listed Waterway
NV08-CR-26-C_00	Harmon Reservoir	Total Iron, Mercury in Fish Tissue, Mercury in Sediment	303(d)
NV08-CR-32_00	Indian Creek	Total Phosphorus, Water Temperature	303(d)
NV08-CR-46_00	Lahontan Reservoir	Total Iron, Mercury in Fish Tissue, Mercury in Sediment, Dissolved Oxygen, Total Phosphorus, Total Suspended Solids, Turbidity	303(d)
NV08-CR-22-C_00	Rattlesnake (S-Line) Reservoir	Total Iron, Mercury in Fish Tissue, Mercury in Sediment	303(d)
NV08-CR-28-D_00	Stillwater Marsh West of Westside Road	Total Boron, Total Iron, Mercury in Fish Tissue, Mercury in Sediment	303(d)
NV08-CR-53_00	Virginia Creek (Six Mile Canyon)	Sulfates, Total Dissolved Solids	303(d)
NV08-CR-21-C_00	V-Line Canal	Total Iron, Mercury in Fish Tissue, Mercury in Sediment	303(d)
NV09-WR-21_00	Bodie Creek	Mercury in Fish Tissue, Total Phosphorus	303(d)
NV09-WR-18_00	Corey Creek	Total Phosphorus, Total Dissolved Solids	303(d)
NV09-WR-12_00	Desert Creek	Total Phosphorus	303(d)
NV09-WR-13-C_01	Mason Valley Wildlife Area (North Pond)	Arsenic, Total Boron, Dissolved Oxygen, pH, Total Phosphorus, Total Dissolved Solids	303(d)
NV09-WR-19_00	Rough Creek	Total Iron, Mercury in Fish Tissue, Total Phosphorus	303(d)
NV09-WR-20_00	Rough Creek	Total Iron, Total Phosphorus	303(d)
NV09-WR-05_00	Sweetwater Creek	Total Phosphorus	303(d)
NV09-WR-02_00	Topaz Lake	Total Phosphorus	303(d)
NV09-WR-11_00	Walker Lake	Arsenic, pH, Total Phosphorus, Total Selenium	303(d)
NV09-WR-06_00	Walker River, East Fork	Total Phosphorus	303(d)
NV09-WR-07_00	Walker River, East Fork	Mercury in Fish Tissue, Total Phosphorus	303(d)
NV09-WR-08_00	Walker River, East Fork	Total Phosphorus	303(d)
NV09-WR-03_00	Walker River, West Fork	Water Temperature	303(d)
NV10-CE-14-A_00	Birch Creek	*Escherichia coli* , Total Phosphorus	303(d)
NV10-CE-14-A_04	Dump Gulch Tributary	Nickel, Total Selenium, Total Dissolved Solids	303(d)
NV13-CL-35_00	Cold Springs Reservoir	Total Dissolved Solids	303(d)
NV13-CL-42_00	Duck Creek	Total Boron, Total Fluoride, Total Selenium, Total Dissolved Solids	303(d)
NV13-CL-39_00	Flamingo Wash	Total Boron, Total Selenium, Total Dissolved Solids	303(d)
NV13-CL-20-B_00	Hay Meadow Reservoir	Total Dissolved Solids	303(d)
NV13-CL-45_00	Las Vegas Wash above Treatment Plants	Total Boron, Total Selenium, Total Dissolved Solids	303(d)
NV13-CL-11_02	Muddy River	Total Fluoride, Total Phosphorus, Total Selenium	303(d)
NV13-CL-12_01	Muddy River	Total Iron, Dissolved Oxygen, Water Temperature	303(d)
NV13-CL-12_02	Muddy River	*Escherichia coli* , Fecal Coliform, Total Iron	303(d)
NV13-CL-21-C_00	Nesbitt Lake	Arsenic, Mercury in Fish Tissue, Total Dissolved Solids	303(d)
NV13-CL-34_00	Tule Field Reservoir	Total Dissolved Solids	303(d)
NV13-CL-07_00	Virgin River	Total Iron, Dissolved Oxygen, Total Phosphorus, Water Temperature	303(d)
NV13-CL-08_00	Virgin River	Total Phosphorus, Water Temperature	303(d)
NV13-CL-09_00	Virgin River	Fecal Coliform, Total Phosphorus, Water Temperature	303(d)
NV03-OW-18_00	Owyhee River	Total Iron, Total Phosphorus, Water Temperature, Total Suspended Solids, Turbidity	TMDL
NV03-OW-19_01	Owyhee River	Copper, Total Iron, Total Phosphorus, Water Temperature, Total Suspended Solids, Turbidity	TMDL

ID	Name[1]	Impaired Constituents[2]	TMDL or 303(d) Listed Waterway
NV03-OW-34_00	Mill Creek	Total and Dissolved Cadmium, Total and Dissolved Copper, Total Iron, Dissolved Oxygen, pH, Total Phosphorus, Water Temperature, Total Dissolved Solids, Total Suspended Solids, Turbidity	TMDL
NV03-OW-83_00	Rio Tinto Gulch	Total and Dissolved Cadmium, Total and Dissolved Copper, Total Iron, Dissolved Oxygen, pH, Total Phosphorus, Water Temperature, Total Dissolved Solids, Total Suspended Solids, Turbidity	TMDL
NV04-HR-02_00	Humboldt River	Total Phosphorus, Total Suspended Solids	TMDL
NV04-HR-03_00	Humboldt River	Total Phosphorus, Total Suspended Solids	TMDL
NV04-HR-04_00	Humboldt River	Total Phosphorus, Total Dissolved Solids, Total Suspended Solids	TMDL
NV04-HR-05_00	Humboldt River	Total Phosphorus, Total Dissolved Solids, Total Suspended Solids	TMDL
NV08-CR-04_00	Carson River, East Fork	Total Phosphorus, Total Suspended Solids, Turbidity	TMDL
NV08-CR-05_01	Carson River, East Fork	Total Phosphorus, Total Suspended Solids, Turbidity	TMDL
NV08-CR-05_02	Carson River, East Fork	Total Phosphorus, Total Suspended Solids, Turbidity	TMDL
NV08-CR-06_01	Carson River, West Fork	Total Phosphorus, Total Suspended Solids, Turbidity	TMDL
NV08-CR-06_02	Carson River, East and West Forks; Carson River	Total Phosphorus, Total Suspended Solids, Turbidity	TMDL
NV08-CR-07_00	Carson River	Total Phosphorus, Total Suspended Solids, Turbidity	TMDL
NV08-CR-08_00	Carson River	Total Phosphorus, Total Suspended Solids, Turbidity	TMDL
NV08-CR-09_00	Carson River	Total Phosphorus, Total Suspended Solids, Turbidity	TMDL
NV08-CR-10_00	Carson River	Total Phosphorus, Total Suspended Solids, Turbidity	TMDL
NV08-CR-11_00	Carson River	Total Phosphorus, Total Suspended Solids, Turbidity	TMDL
NV08-CR-12_00	Carson River	Total Phosphorus	TMDL
NV08-CR-29_00	Brockliss Slough, Including East and West Branches	Turbidity	TMDL
NV09-WR-07_00	Walker River	Total Suspended Solids	TMDL
NV09-WR-08_00	Walker River, East Fork	Total Suspended Solids	TMDL
NV09-WR-09_00	Walker River	Total Suspended Solids	TMDL
NV09-WR-11_00	Walker River	Total Dissolved Solids	TMDL
NV13-CL-03_00	Lake Mead	Total Ammonia, Chlorophyll-a, Total Phosphorus	TMDL

[1]Impairments may not apply to the entire waterbody. Refer to the Nevada 2012 Integrated Report for information pertaining to waterway reach/segment descriptions.

[2]Inorganic aqueous constituents are the dissolved fraction unless otherwise noted.

APPENDIX B

Lake Tahoe TMDL Annual Report (Water Year 2014)
&
Sediment Load Reduction Plan

NEVADA DEPARTMENT OF TRANSPORTATION

LAKE TAHOE TMDL

ANNUAL REPORT FOR WATER YEAR 2014
OCTOBER 1, 2013- SEPTEMBER 30, 2014

Nevada Department of Transportation
Environmental Services Division
1263 South Stewart Street
Carson City, NV 89712

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LIST OF ACRONYMS

BMP	Best Management Practices
BMP RAM	Best Management Practices Rapid Assessment Methodology
CICU	Commercial, Institutional, Communications, Utilities
CHP	Constant Head Permeameter
ECP	Erosion Control Project
EIP	Environmental Improvement Program
EMC	Event Mean Concentration
FSP	Fine Sediment Particles
GIS	Geographic Information System
IMP	Implementers Monitoring Program
ILA	Interlocal Agreement
LCCP	Lake Clarity Crediting Program
MFR	Multi-family residential
NDEP	Nevada Division of Environmental Protection
O&M	Operations and Maintenance
PLRM	Pollutant Load Reduction Model
PLRP	Pollutant Load Reduction Plan
RAM	Rapid Assessment Methodology
Road RAM	Road Rapid Assessment Methodology
SFR	Single-family residential
SLRP	Stormwater Load Reduction Plan
SNPLMA	Southern Nevada Public Lands Management Act
RSWMP	Regional Stormwater Monitoring Program
SWT	Stormwater Treatment BMP
TIST	Tahoe Integrated Stormwater Tool
TMDL	Total Maximum Daily Load
TN	Total Nitrogen
TP	Total Phosphorus
TRPA	Tahoe Regional Planning Agency
TSS	Total Suspended Solids
UPC	Urban Planning Catchment
WQIP	Water Quality Improvement Project
WY	Water Year (October 1 – September 30)

1.0 BACKGROUND

The purpose of this report is to comply with Section 4 of the Interlocal Agreement (ILA) to Implement the Lake Tahoe Total Maximum Daily Load, dated August 2013, between the Nevada Department of Transportation (NDOT) and the Nevada Department of Environmental Protection (NDEP), as well as the NDEP letter "RE: Clarification Of & Partial Delay In Implementation Of Interlocal Agreement Commitments", dated November 25, 2013. This report summarizes NDOT's load reduction activities undertaken during water year 2014 (October 1, 2013 through September 30, 2014) in an effort to meet the credit target established in the ILA.

2.0 PROPOSED CATCHMENT REGISTRATION

In order to meet the cumulative credit targets of 72 for 2015 and 81 for the 2016 Pollutant Load Reduction Mliestone for fine sediment particles (FSP), NDOT plans to register for credit the catchments listed in Table 1.

Table 1. Draft Catchment Registration Schedule showing approximate 8%/10% load reduction by 2015/2016.

Urban Planning Catchment (UPC)	Catchment Description	Pollutant Controls	Year Implemented	Projected FSP Load Reduction (lbs)	Lake Clarity Credits	Planned Registration Timeline
431_WA_0.0-3.0	State Route 431 Road Operations	Improved road operations through advanced abrasive applications, sweeping	2014	2000	10	Aug-15
50_DO_7.0-12.0	Hwy 50 MP 7-12	Dry basins, infiltration basins and shoulder improvements	2013	5500	28	Dec-15
431_WA_0.0-3.0	State Route 431 WQIP	Infiltration basin, multiple media treatment filters	2012	2300	12	Dec-15
28_WA_8.5-8.7; 28_WA_12.3-12.8	State Route 28 Crystal Bay Erosion Control and Water Quality (catchments 2821, 2858)	Dry basin, cartridge filter, shoulder improvements	2012	4500	23	Dec-15
TOTAL FSP LOAD REDUCTION (8% through 2015)				**14300**	72	
Hwy 50 MP 9-12		Improved road operations through advanced abrasive applications, sweeping	2015	1800	9	Aug-16
TOTAL FSP LOAD REDUCTION (10% through 2016)				**16100**	**81**	

The original suite of Lake Tahoe TMDL Stormwater Tools and the Lake Clarity Crediting Handbook (LCCP) developed for catchment registration and used to calculate the projected clarity credits in Table 1 are being updated by NDEP. The updates will require recalculation of the baseline load and the proposed clarity credits for each catchment prior to registration. The baseline load and anticipated number of clarity credits for each catchment is expected to change. It is expected that time will be necessary to learn and apply the updated tools (PLRM, Road RAM, BMP RAM and CAP); however NDOT will make every effort to meet the 8% load reduction goal by the end of 2015, as outlined in the ILA and the November

2013 correspondence from NDEP. NDOT will initially attempt to register two catchments, still to be determined, by applying advanced road operations and water quality improvement projects (WQIPs) in order to learn and understand the tools and revisions to the LCCP. Due to the extent of the changes to the tools and additional uncertainty as a result of revising the entire LCCP, it is unknown at this time if the catchments and associated load reductions listed in Table 1 will still be applicable. Following registration and assessment of the two catchments, NDOT hopes to have sufficient understanding of the updated tools and the revisions to the LCCP in order to complete additional registrations listed in Table 1 through December, 2015, meeting the 8% load reduction goal of the ILA.

2.1 Identify and Establish Benchmark and Threshold Values for SWT BMPs

NDOT has completed a number of water quality improvement projects (WQIPs) along Nevada State Routes 28, 431, 207, 760 and US-50 in the Lake Tahoe basin that will be used for initial WQIP registration. After revised modeling in the PLRM, an assessment will be made as to whether the improvements are considered key or essential as defined in the LCCP. Benchmark condition assessments will be performed, and threshold conditions will be determined for input into BMP RAM. Release of the updated LCCP is the essential first step in understanding what actions will be taken toward meeting the load reduction goals. This will define such terms as 'key' and 'essential', and how such actions will result in a jurisdiction's protocols. It may be necessary to perform PLRM modeling of the entire jurisdiction to determine whether an on-the-ground action is deemed key or essential toward overall jurisdictional load reduction. However, if 'key' and 'essential' are given quantitative values, then the jurisdiction can proceed with re-modeling one catchment at a time to see if the action within the catchment qualifies as key or essential. The notions of key or essential determine whether condition assessments (Road RAM or BMP RAM) are applied to a catchment within a jurisdiction.

2.2 Assessment of the Condition and Necessary Maintenance of BMPs

Initial BMP RAM condition assessments will be conducted on the SWT BMPs included in the Draft Catchment Registration Schedule. A determination of maintenance needs, responsibility, and cost will be assessed within all catchments proposed for registration. Due to their date of installation, it is likely that maintenance will be necessary on most infrastructure prior to registration. After maintenance is performed, BMP RAM will be performed to determine benchmark and threshold values. Assessments will initially be performed annually to verify functionality of treatment and to inspect for any required maintenance. Subsequent assessments may be adjusted in the future to reflect actual needs.

3.0 ACTIONS PLANNED FOR WATER YEAR 2015

During water year 2015, NDOT will learn the revised Tools and LCCP and apply them to the two catchments identified for initial registration. This effort will allow the NDOT to better evaluate whether it will be able to meet both the 2015 credit target and the 2016 milestone and make adjustments to proposed catchment registration to most closely meet the annual credit target.

In addition to determining the impact the revised Tools and LCCP will have on the Stormwater Load Reduction Plan (SLRP), NDOT will continue to remain involved in the following ongoing water quality activities.

3.1 Drafting and Finalizing the Stormwater Load Reduction Plan

The ILA outline the roles, commitments, and actions expected of NDOT to help restore and protect Lake Tahoe's clarity. A key commitment is the preparation of a SLRP that identifies NDOT's actions to meet the 2016 five-year fine sediment particle milestone and (if jointly determined feasible by NDOT and NDEP) the ten and fifteen-year milestones in meeting the Clarity Challenge[1] . The SLRP includes a baseline pollutant load analysis, existing pollutant load analysis, future load reduction analysis, budget, finance plan, and barrier/constraints to implementing pollutant controls. NDOT utilized the Pollutant Load Reduction Model (PLRM V1.1, December 2009) and the LCCP (Crediting Program Handbook V1.0, September 2011) to complete the SLRP per Section IV.1.A of the ILA. Stormwater Tools used to calculate load reductions (PLRM), perform condition assessments (BMP RAM and Road RAM), and declare Credits (Credit Accounting Program – CAP) are under revision and are expected to be completed by April 2015. NDOT, with the assistance of the Nevada Tahoe Conservation District (NTCD), developed a draft version of the SLRP and submitted a copy to NDEP for review in August of 2014. The SLRP was approved by NDEP in January, 2015.

3.2 Training and Testing the Lake Clarity Crediting Program Tools and Policy Discussions

NDOT is participating in the Stormwater Tools Improvement Project to update and improve the tools and methods used to evaluate pollutant load reduction in the Lake Tahoe Basin. Other participants include Washoe and Douglas Counties in Nevada, and Caltrans, City of South Lake Tahoe, and El Dorado and Placer Counties in California. The anticipated April 2015 completion of the Stormwater Tools Improvement Project will result in several changes to the four tools (Tools) developed to implement the Lake Tahoe Total Maximum Daily Load (TMDL). The PLRM and Road RAM will undergo significant changes, minor revisions will be made to BMP RAM, and the TIST-originally developed for credit declaration, award and tracking-will be completely replaced by the Credit Accounting Platform (CAP). In addition to improvements to the Tools, an update to the LCCP is also scheduled to be released in the spring of 2015. During the time period covered by this report, final revisions to the Tools and LCCP were not available for testing or use in catchment registration. Training and testing is expected to occur in 2015 resulting in registration of catchments to be reported in the Annual Stormwater Report for Water Year 2015.

NDOT is part of the comprehensive Regional Stormwater Monitoring Program (RSWMP) for the Tahoe Basin. Several committees and working groups provide input into the policy decisions affecting the implementation of the Lake Tahoe TMDL. Typical committee membership includes Nevada and California jurisdictions, regulators, and funding sources in the Lake Tahoe Basin. Meetings range from monthly to quarterly to as needed. NDOT participates in The Stormwater Quality Improvement Committee (SWQIC) that provides policy guidance for the Lake Tahoe TMDL. SWQIC includes three subcommittees that focus on Stormwater Quality & Monitoring (Q & M), Environmental Improvement (EIP) Funding strategies and Implementers Monitoring Plan (IMP). The committees were chartered to use a consensus based approach to develop methods that would enhance collaborative project delivery, with a focus on the project implementation element of program delivery.

[1] The "Clarity Challenge" is a numeric target of 80 ft. annual average lake clarity. Achieving this target will indicate reversal of the historic trend of declining lake clarity.

3.3 Participation in Effectiveness Training of Roadway O & M Practices

NDOT has participated in the Road Operations Effectiveness Study administered by NTCD and Second Nature (2N) since 2013. Results of the study are expected to provide NDOT with an estimated road condition assessment (Road RAM) score on 10 different NDOT roadway segments in both South and North Lake Tahoe. Based on the results of these assessments (Road RAM Scores), NDOT will register individual road segments as catchments during water year 2015.

3.4 Preparing Applications for or Administering Grants for Water Quality Controls

NDOT will continue to pursue funding options available for additional implementation of water quality improvements while the Stormwater Tool and Crediting Program Handbook revisions are pending. NDOT purchased three best available technology (BAT) street sweepers for use in the Lake Tahoe Basin. BAT sweepers have the potential to become an effective maintenance tool for the recovery of fine sediment particles (FSP), and thus assisting in NDOT's efforts with meeting the goals of the Clarity Challenge. During the Reporting Period, NDOT also is in the process of purchasing two BAT abrasive spreaders to reduce the amount of traction abrasives applied during winter conditions. A reduction in the amount of traction material applied, i.e. source control, will help reduce FSP available for potential transport into Lake Tahoe.

On November 13, 2013, NDOT was notified that their 319(h) grant application was successful and had been awarded $100,000 towards the purchase of two BAT Spreaders. It is expected that the BAT Spreader will further reduce FSP loads from the roads, which should be representative of the Road RAM scores measured the following year. Revised load reductions will be modeled accordingly in the new PLRM, and assist in meeting the goals of the Clarity Challenge.

3.5 Planning and/or Implementing Water Quality Improvement Projects

Since the baseline period, NDOT has completed a number of WQIPs along it's highways in the Lake Tahoe Basin. NDOT will register some of the completed projects implemented in catchments considered to be directly connected to Lake Tahoe having notable load reductions. This consists of portions of Nevada State Routes 28, 431, 207, 760, and US 50. WQIPs underway include: 60 % design plans for SR-28, Sand Harbor to the Carson City county line; SR-207, Incline Village; "Green Streets", a Low Impact Development (LID) project in Incline Village along SR-28; participation in a research project at SR-431 to study FSP removal efficiency of stormwater treatment systems and their maintenance requirements; completed a Final Report for NDOT funded research to study FSP generation from cut slope erosion. NDOT's Divisions of Environmental Services -Water Quality, Hydraulic Design, and Maintenance will work together in meeting the Lake Tahoe TMDL with efforts in PLRM modeling, inspections and condition assessments, and registration of catchments to meet the required milestones. NDOT may elect to refine this approach after evaluating the completed changes to the Stormwater Tools and Crediting Program.

4.0 PROGRESS TOWARD 2016 MILESTONE

NDOT intends to continue on its current course, as identified in the SLRP and this report, to meet the 2016 milestone. Specific actions listed previously in Section 3, contribute towards meeting the 2016 and future milestones. NDOT plans to register the minimum number of urban catchments from Table 1 to meet both the cumulative credit targets of 72 for 2015 and 81 for the 2016 Pollutant Load Reduction Milestone for FSP. This includes registering catchments in categories of road operations and water quality improvement projects. WQIPs planned for Water Year 2016 include designs for US-50, Zephyr Cove, and Sand Harbor in addition to stream rehabilitation at Burke Creek. NDOT will continue to pursue current grant funding for the IMP program and BMP effectiveness monitoring at SR-431 and to seek new funding sources as they become available.

5.0 ADJUSTMENTS TO THE STORMWATER LOAD REDUCTION PLAN

NDEP anticipates releasing updates to the previously mentioned, suite of Stormwater Tools in March 2015 and the Lake Clarity Crediting Program Handbook in April 2015. These updates will affect credit calculations and may result in adjustments to the SLRP in the future. Based on the results of how the two preliminarily modeled catchments' load reductions compare to the estimates in Table 1, NDOT will assess if it can continue to register the catchments listed to meet the 2016 milestone. A comparison of the revised PLRM (V2.0.2) will be made to those models conducted for the SLRP using PLRM V1; results from which will enable NDOT to assess whether attainment of the first 5-year milestone is possible based on the SLRP strategy. If load reduction actions change significantly, a revised strategy will be developed. The costs of performing the inspections and maintenance of the different strategies are also unknown, and cost estimates of implementation, inspections and maintenance will have to be factored into a revised strategy.

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Stormwater Load Reduction Plan

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LIST OF ACRONYMS

BMP	Best Management Practices
BMP RAM	Best Management Practices Rapid Assessment Methodology
CICU	Commercial, Institutional, Communications, Utilities
CHP	Constant Head Permeameter
ECP	Erosion Control Project
EIP	Environmental Improvement Program
EMC	Event Mean Concentration
FSP	Fine Sediment Particles
GIS	Geographic Information System
ILA	Interlocal Agreement to Implement the Lake Tahoe Total Maximum Daily Load
LCCP	Lake Clarity Crediting Program
MFR	Multi-family residential
NDEP	Nevada Division of Environmental Protection
O&M	Operations and Maintenance
PLRM	Pollutant Load Reduction Model
PLRP	Pollutant Load Reduction Plan
RAM	Rapid Assessment Methodology
Road RAM	Road Rapid Assessment Methodology
SFR	Single-family residential
SLRP	Stormwater Load Reduction Plan
SNPLMA	Southern Nevada Public Lands Management Act
TIST	Tahoe Integrated Stormwater Tool
TMDL	Total Maximum Daily Load
TN	Total Nitrogen
TP	Total Phosphorus
TRPA	Tahoe Regional Planning Agency
TSS	Total Suspended Solids
UPC	Urban Planning Catchment
WQIP	Water Quality Improvement Project

1.0 BACKGROUND

The Nevada Division of Environmental Protection (NDEP) and the Nevada Department of Transportation (NDOT) entered into an Interlocal Agreement to implement the Lake Tahoe Total Maximum Daily Load (TMDL) (ILA). According to the ILA (Appendix B), NDOT agreed to prepare a Stormwater Load Reduction Plan (SLRP) by August 16, 2014, specifying the actions it anticipates implementing to meet the 2016 load reduction milestone, and to identify preliminary approaches to meet the 2021 and 2026 load reduction milestones. An Annual Stormwater Report is expected to be submitted to NDEP by March 15, 2015; this report is expected to summarize activities conducted by NDOT toward meeting the TMDL.

Section 1 provides background information describing the previous work that directly informed the development of this SLRP, which includes NDOT'S baseline load estimate, load reduction milestones specified in the ILA, and existing condition load estimate.

Section 2 presents NDOT'S SLRP to meet the 2016 load reduction milestone, which describes the 1) overall load reduction approach; 2) urban planning catchments proposed for registration; 3) estimated cost and process for implementing Lake Clarity Crediting Program (Crediting Program) guidelines; 4) finance planning; and 5) barriers and constraints to implementation.

Section 3 describes NDOT'S preliminary approach to meet future load reduction milestones.

1.1 Baseline Condition Load Estimate

The baseline for estimating pollutant loads discharged to Lake Tahoe for fine sediment particles (FSP), total phosphorus (TP) and total nitrogen (TN) is defined in the ILA as September 30, 2004. This is considered the baseline condition and the point of reference for estimating pollutant loading. The *Nevada Tahoe TMDL Implementing Agencies Stormwater Load Reduction Plans, Baseline and Existing Conditions Final Technical Documents* (Final Technical Documents, NTCD, NHC and 2N, 2013) was submitted to NDEP in December 2013. NDOT'S baseline load estimate established in that report and included in the ILA is shown in Table 1.

Table 1. NDOT baseline pollutant load estimate.

Urban Area (acres)	Surface Runoff (acre-feet/year)	Pollutant Loading			
		FSP	TP	TN	Units
391	178	158,900	440	1,470	lbs/year
		7.93E+18			# particles/year

A summary of the first three load reduction milestones applicable to the current SLRP process, and included in the ILA, are presented in Table 2.

Table 2. Lake Tahoe TMDL load reduction targets for NDOT.

Milestone	Pollutant Load Reduction				Credit Targets
	FSP	TP	TN	Units	
2016	15,900	31	118	lbs/year	79
2021	33,400	62	206	lbs/year	167
2026	54,000	92	279	lbs/year	269

1.2 Existing Condition Load Estimate

Using the PLRM models developed for the baseline analysis, water quality improvements implemented after the baseline (2004) were incorporated into new models to assess FSP load reduction. A comparison of the baseline (158,900 lbs/year) and existing (121,200 lbs/year) conditions results in an anticipated load reduction of approximately 37,700 lbs/year. This estimate represents all modeled catchments within NDOT at Lake Tahoe; only a subset of these catchments will be registered to meet the 2016 load reduction milestone. Methods and approaches used to complete the existing conditions estimate are also found in the *Final Technical Documents* (NTCD, NHC and 2N, 2013).

2.0 PLANNED ACTIONS TO ACHIEVE THE 2016 MILESTONE

2.1 Summary of Approach

Using information and results generated from the current versions of the Lake Tahoe Stormwater Tools, the following approach was selected to meet the 2016 load reduction milestone. NDOT may elect to refine the approach below after evaluating the completed changes to the Stormwater Tools and Crediting Program.

- **Register Completed WQIPs (2004-2013)**: Since the baseline period, NDOT has substantially completed water quality improvement projects (WQIPs) along all major highways in the Lake Tahoe Basin. Table 3 is an excerpt from Final Technical Documents. NDOT will register some of the completed projects implemented in catchments considered to be directly connected to Lake Tahoe having notable load reductions. This consists of portions of State Routes 28, 431, 207, 760 and US 50.

Table 3. Water Quality Improvement Projects implemented by NDOT in the Tahoe Basin (2004-2012).

HIGHWAY NUMBER	SLRP CATCHMENT ID	YEAR COMPLETED	KEY WATER QUALITY IMPROVEMENTS REPRESENTED IN PLRM
50	504	2006	Dry basin, infiltration basins
28, 50	502, 503, 504, 505, 511, 514, 2853, 2855, 2856, 2857, 2858, 2821	2006, 2012	Shoulder stabilization
28	2821	2012	Dry basin
28	2858	2012	Cartridge filter
50	5002, 5006, 5008, 5009, 5011, 5012, 5016	2004	Shoulder stabilization
207	5018 20703-20712	2006 2011	Dry basins (Douglas County/Lakeridge) Shoulder stabilization, infiltration basin
431	431004, 431006, 431008, 431009, 431010, 431013, 431018, 431020, 431050	2012	Shoulder stabilization, cartridge filters, infiltration basin, dry basins
28	2813	2005	Treatment vault

- **Register Pilot Program for Improved Road Operations:** Load reduction estimates using PLRM V1 and other studies have indicated that advanced road operations such as reduced application of abrasives, increased frequency of sweeping, more efficient sweepers and use of road abrasives with less FSP may be more cost-effective to achieve pollutant load reductions than implementation of other types of treatments (2N Nature and NHC, 2011). NDOT is participating in the *Road Operations Effectiveness Study* (NTCD and 2N, ongoing), results from which are intended to determine the feasibility of expanding NDOT's use of advanced road operations as a more prominent load reduction strategy for future load reduction milestones. NDOT will register a portion of the 6 mile length of State Route 431 (Mt. Rose Highway) in which the *Road Operations Effectiveness Study* is taking place. Therefore, registration of State Route 431 will include representation of WQIP and road operations.

2.2 Catchment Registration

Table 4 identifies the catchments and associated pollutant controls that NDOT plans to register pursuant to the Crediting Program guidelines to obtain the necessary Lake Clarity Credits through 2015, while and Figures 1 and 2 identify those additionally expected to be registered to meet the 2016 milestone. Multiple, similarly represented catchments along a continuous stretch of road will be represented as one Urban Planning Catchment (UPC).

NDOT will register UPCs to meet load reductions of 8% by 2015 and 10% by 2016. Representatively modeled road segments in PLRM have been grouped into UPCs and given standard naming convention following the format of "HighwayNumber_County_startmilepost_endmilepost", e.g. 50_DO_7.0_12.0. The PLRM models developed for the baseline and existing conditions scenarios were run using the PLRM (V.1) . Upon release of the PLRM (V.2) it will be necessary to re-model the catchments proposed for registration, which may result in final estimated load reductions that differ from the estimates included in Table 4. This Catchment Registration Schedule will be updated to summarize implementation measures and reflect changes resulting from the revised PLRM modeling and included in the Annual Stormwater Report submitted to NDEP beginning in March 15, 2016.

Table 4. Draft Catchment Registration Schedule showing approximate 8%/10% load reduction by 2015/2016.

Urban Planning Catchment (UPC)	Catchment Description	Pollutant Controls	Year Implemented	Projected FSP Load Reduction (lbs)	Lake Clarity Credits	Planned Registration Timeline
431_WA_0.0-3.0	State Route 431 Road Operations	Improved road operations through advanced abrasive applications, sweeping	2014	2000	10	Aug-15
50_DO_7.0-12.0	Hwy 50 MP 7-12	Dry basins, infiltration basins and shoulder improvements	2013	5500	28	Dec-15
431_WA_0.0-3.0	State Route 431 WQIP	Infiltration basin, multiple media treatment filters	2012	2300	12	Dec-15
28_WA_8.5-8.7; 28_WA_12.3-12.8	State Route 28 Crystal Bay Erosion Control and Water Quality (catchments 2821, 2858)	Dry basin, cartridge filter, shoulder improvements	2012	4500	23	Dec-15
TOTAL FSP LOAD REDUCTION (8% through 2015)				**14300**	72	
Hwy 50 MP 9-12		Improved road operations through advanced abrasive applications, sweeping	2015	1800	9	Aug-16
TOTAL FSP LOAD REDUCTION (10% through 2016)				**16100**	**81**	

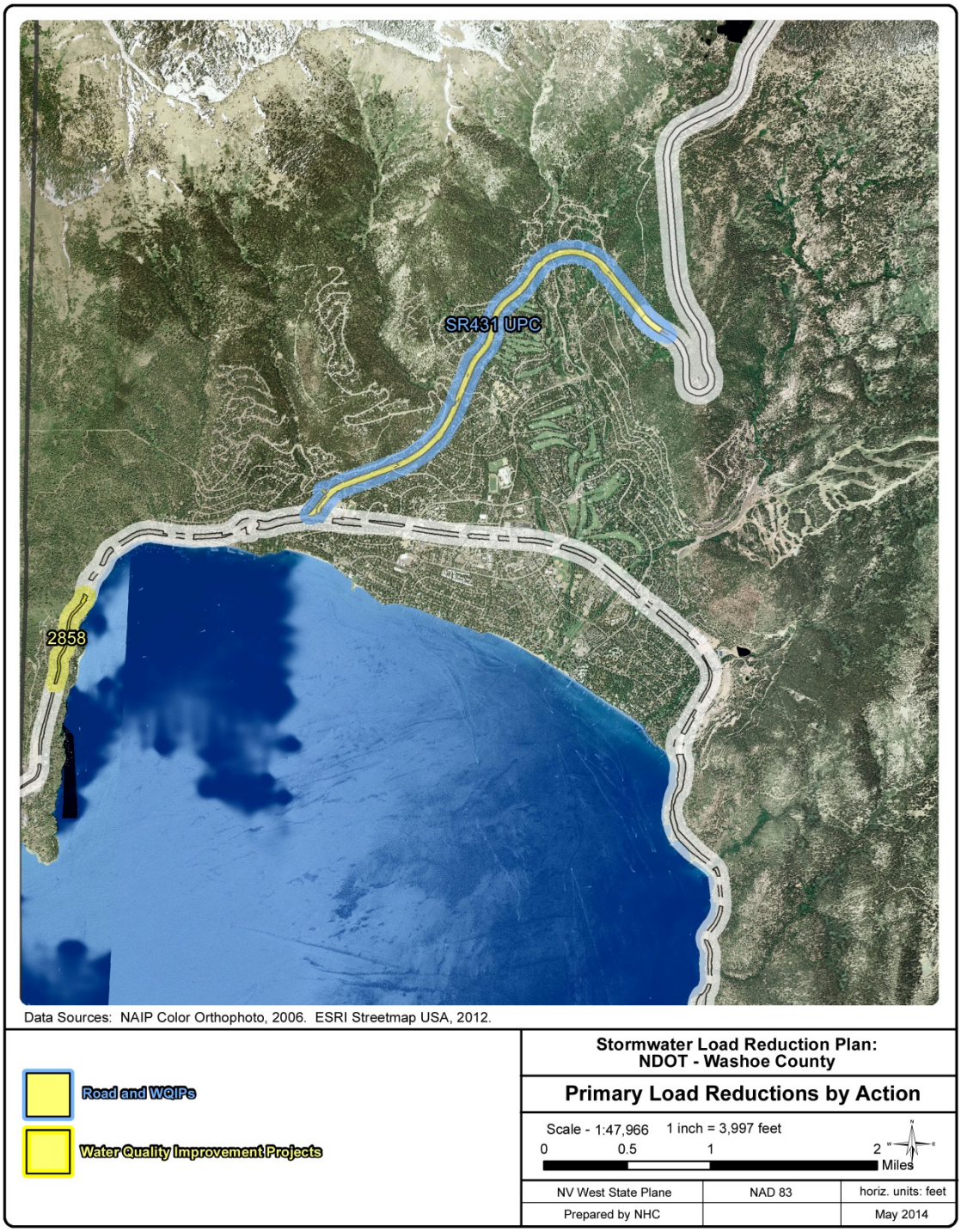

Figure 1. Proposed catchments comprising UPC's of State Route 28 and State Route 431.

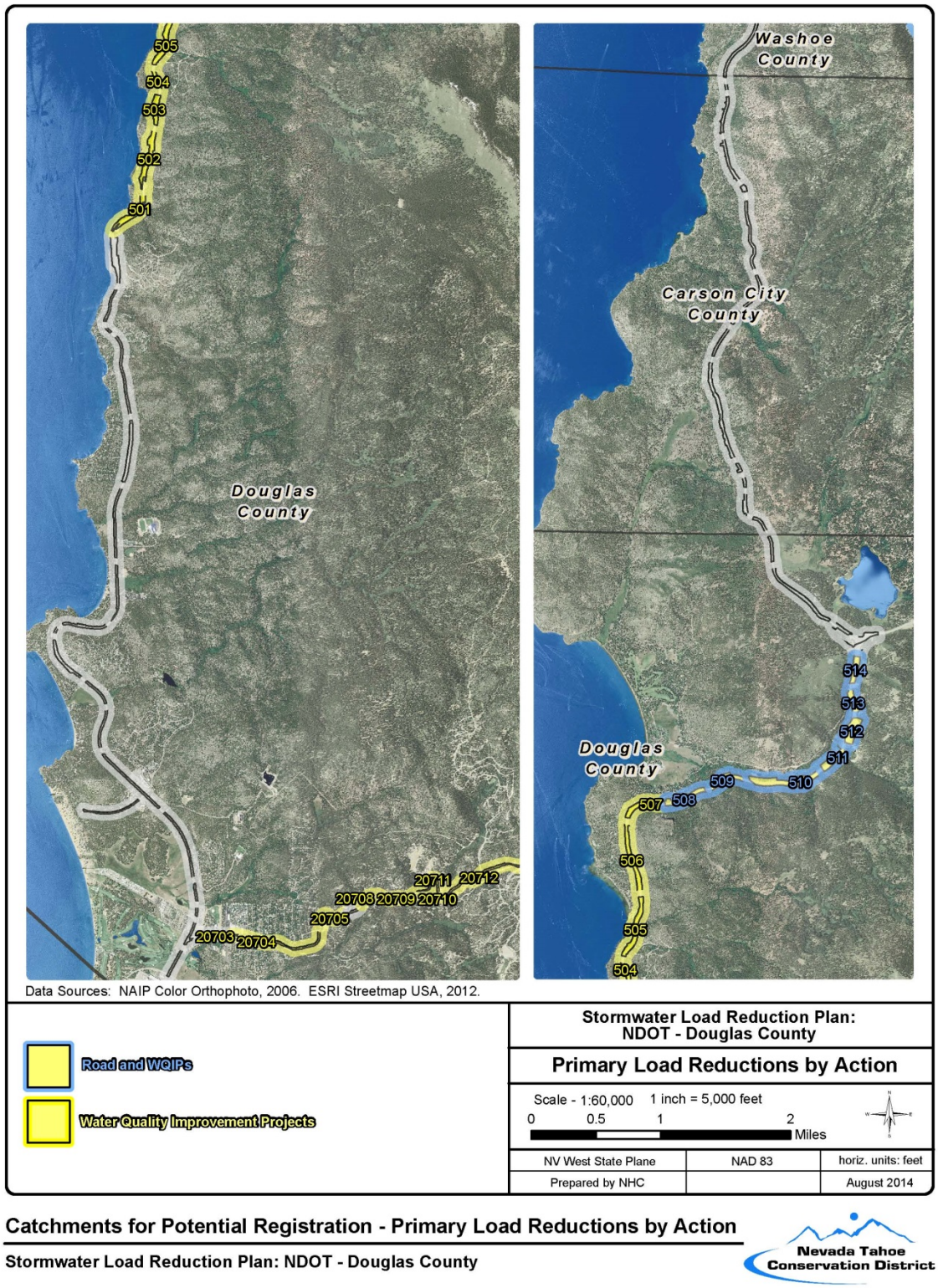

Figure 2. Proposed catchments comprising UPC's of US50.

2.3 Estimated Cost

The following costs help the Department identify short and long term expenditures necessary to meet upcoming milestones. The Department must estimate the costs associated with meeting this TMDL, not only due to project implementation, operations and maintenance, but also the administrative costs of participating in the Crediting Program to demonstrate progress of TMDL implementation.

Costs associated with meeting the 2016 milestone include the following:

1) Implementation of capital improvements or water quality improvements;

2) Operations and maintenance of improvements and equipment; and

3) Participation in the Crediting Program.

2.3.1 Implementation of Capital and Water Quality Improvements

Capital improvement and water quality improvement projects are structural best management practices that include basins, vaults, pervious pavement, or road shoulder improvements. Improved road operations for water quality can also be considered a water quality improvement. Project implementation costs include planning, environmental documentation, permitting, design, acquisition and construction. Project delivery costs have already been expended by NDOT, and are included herein to detail the amount of funding spent to implement the Lake Tahoe TMDL. Over $30 million has been spent on the WQIPs that will be registered to meet the 2016 load reduction milestone. Cost estimates are based on project design, right of way acquisition and construction. All projects have been completed and there are no further implementation costs associated with these WQIPs.

Table 5. Implementation Cost

IMPLEMENTATION COST	
Load Reduction Action	**Total Cost**
WQIPs	$ 30,400,000.00
Advanced Road Operations	$ 1,010,000.00
Total Implenetation Cost:	**$ 31,410,000.00**

The cost to implement improved advanced road operations for water quality is based on the price of the sweepers and advanced abrasive spreaders used on the roads within the Tahoe Basin. The cost of recently purchased sweepers was approximately $870,000. Costs associated with best available technology bulk abrasive spreaders (Epoke or similar) which minimize and better tracks the amount of road abrasives applied to NDOT roads, are approximately $90,000 per spreader. An advanced abrasive spreader costs an additional $35,000 more than a standard spreader. For the period of the 2016 milestone, NDOT will have a total of four advanced abrasive spreaders operating on the routes being considered for registration. The implementation of best available technology bulk abrasive spreaders provides a water quality benefit by reducing the amount of road abrasives applied, resulting in less fine sediment particles available to be transported into Lake Tahoe.

2.3.2 Operations and Maintenance

NDOT currently accomplishes the maintenance of state owned roads (including WQIPs) in the Tahoe Basin with a combination of state forces and contracted forces. NDOT has a robust cost history of both self-performed and contracted activities. The way this data has been collected in the past does not

always lend itself for easy use for SLRP planning purposes. NDOT is considering changes in the way data is collected for use in future planning efforts.

Water quality operations and maintenance costs in registered catchments were derived by estimating the number of equipment hours and maintenance personnel needed to maintain stormwater treatment infrastructure and drainage infrastructure; as well as to operate and maintain street sweepers. Details regarding this cost estimate are provided in Appendix A.

These estimates are based on extensive data from recent NDOT maintenance contracts, NDOT's Maintenance Management System (MMS) and Washoe County's Mainstar maintenance database. The average hourly cost for equipment operation and maintenance personnel time were calculated from data extracted from these sources. Cost recovery for equipment was included in the estimate of cost for each maintenance activity. The total cost of an individual maintenance activity, such as rehabilitation of an infiltration basin, was calculated by estimating the number of personnel hours and equipment hours needed to complete the maintenance activity. NDOT MMS data and the Counties Mainstar info was consulted to ensure that these time estimates were representative of typical expenditures of time and resources to complete the maintenance activities. The hourly time estimates for maintenance were multiplied by hourly personnel and equipment costs to estimate the cost of an individual maintenance activity. Then, the costs of all individual maintenance activities over a year for a water quality improvement project were summed to estimate the total water quality maintenance costs. Table 6 lists the estimated initial and annual water quality maintenance costs for registration to meet the 2016 load reduction milestone (estimated total for all registered UPCs is $26,712).

There are no initial costs for maintenance and operations of road operations for water quality because they are ongoing operations; the necessary equipment has already been purchased or maintenance contracts have already been executed. The estimated annual cost of maintenance and operations of road practices considers cost recovery of equipment, cost of abrasives applied and personnel for the segment of Highway 431 that is intended to be registered and for which ongoing road condition data has been collected through the Road Operations Effectiveness Study. An analysis of operations and maintenance data collected from NDOT yields approximately $150 per lane mile. For example, Highway 431 is 2 lanes, approximately 3 lane miles will be registered, and under the existing conditions modeling scenario the sweeper must be run 12 times per year. Therefore the maintenance and operations of that segment of road is ((2*3)*$150*12) = $10,800. Table 6 shows the summary of costs for all UPCs proposed for registration (Maintenance and Operations column); Appendix A details these estimated costs for each UPC planned for registration, and are based on a summary of the costs to maintain the infrastructure within each UPC.

Table 6. Estimated cost to achieve 2016 milestone

Costs for Achieving 2016 Load Reduction Milestone	Load Reduction Action	NDOT Maintenance and Operations	LCCP Participation	Total Cost
Initial Catchment Registration Cost	WQIPs[1]	$26,712	$14,000	$40,712
	Roads[2]	$0	$30,200	$30,200
Total Initial Catchment Registration Cost:		**$26,712**	**$44,200**	**$70,912**
Annual Costs to Maintain Lake Clarity Credits	WQIPs	$26,712	$6,000	$32,712
	Roads	$21,600	$26,600	$48,200
Total Annual Cost to Maintain Credits:		**$48,312**	**$32,600**	**$81,712**

Notes:
[1] NDOT maintenance costs for WQIPs associated with catchment registration is a conservative estimate of the effort needed to perform initial maintenance of treatment BMPs to meet the standard benchmark condition as defined by the Lake Clarity Crediting Program.
[2] Road operations for water quality are ongoing, and therefore no initial catchment registration costs are assumed in this estimate. Cost recovery of equipment is calculated within the estimate of annual costs for road operations.
[3] An additional $800 has been added to the Total Annual Cost to Maintain Credits to account for the Annual Stormwater Report due March 15 of each registration year.

2.3.3 Participation in the Crediting Program

The ILA specifies that NDOT will participate in the Crediting Program, using the standardized tools and protocols to quantify, track and report load reduction progress. This includes performing BMP RAM, Road RAM, modeling the catchments in the revised version of PLRM prior to registration (baseline and existing conditions models for a potentially revised load reduction), and ultimately registering each catchment in TIST. This requires applications of GIS, Microsoft Excel, and the online use of BMP RAM and Road RAM. After the initial application of each tool, annual measurements of the relevant RAM parameters will be made to demonstrate functionality and/or an acceptable condition in order to receive the expected Lake Clarity Credits.

Estimated costs to participate in the Crediting Program to demonstrate implementation progress and maintain the annual award of Lake Clarity Credits are presented in Table (LCCP Participation). This demonstrates the cost of meeting this TMDL due to the administrative costs of participating in the Crediting Program. There are costs associated with initial application of the Stormwater Tools to the UPCs planned for registration, as well as the annual costs associated with inspections and maintenance according to BMP RAM or Road RAM. Table 6 shows the summary of these costs for all UPCs planned for registration, while estimates of these costs derived specifically for each UPC proposed to be registered can be found in Appendix A. Personnel hours associated with application of the Stormwater Tools are shown for initial registration and annual follow—up. All estimates are based on the User's Manuals of the Tools as of 2012.

- Initial Costs: The costs for initial registration are higher than the annual costs due to modeling the UPC in PLRM V2, and the initial application and set-up of the infrastructure into BMP RAM and Road RAM. This will require establishment of benchmark and expected conditions for the RAM procedures, which will generally involve installation of a staff plate and collection of infiltration measurements, and on-going Road RAM measurements. The Tahoe Integrated Stormwater Tool (TIST) will be used to incorporate data output from the other Tools to demonstrate achieved load reductions using annual RAM scores.

- Annual Costs: Crediting Program costs are ongoing, and annualized to include staff time. The BMP RAM involves annual inspections and data entry into the online database. Road RAM observations must be performed multiple times throughout the year and upload the data into the online database. Additionally, there is the cost of preparing an Annual Stormwater Report due on March 15 of each year hereafter.

2.4 Finance Planning

2.4.1 Initial Catchment Registration

The estimated cost for initial catchment registration to meet the 2016 milestone is roughly $71,000. Of this amount, roughly $44,000 is associated with the Crediting Program administration, which will be funded by NDOT's participation and monetary match to NTCD's grant funded project *Catchment Registration and TMDL Implementation.* The grant, expected to run through 2017, will include the costs of running the PLRM models, performing BMP RAM and Road RAM, and registering the catchments in the TIST. Operations and maintenance costs are estimated to be roughly $27,000 to ensure stormwater treatment infrastructure meet the standard benchmark conditions defined by the Crediting Program prior to catchment registration. These operations and maintenance costs will be incurred by NDOT and accomplished by adding additional staff or consultant augmentation.

2.4.2 Annual Award of Lake Clarity Credits

Water Quality Improvement Projects (WQIPs)

After registration of the selected catchments, the Crediting Program requires BMP RAM to be performed at least once per year on essential and key treatment BMPs. The key and essential treatment BMPs associated with WQIPs planned for registration, along with the expected inspections, maintenance and frequency to meet BMP RAM requirements, are detailed in Table 7. BMP RAM inspections will be used to inform NDOT staff when maintenance is required. The maintenance costs will be incurred by NDOT, while the performance of BMP RAM after initial catchment registration will be funded by the *Catchment Registration and TMDL Implementation* grant while funding remains. The maintenance of the treatment BMPs listed is expected to cost approximately $27,000 per year, and the required yearly costs to maintain the Credits through the Crediting Program are approximately $6,000 per year. NDOT will incur all costs associated with annual award of Credits associated with the registered WQIPs.

Table 7. Expected BMP RAM observations and frequencies.

State Route	Catchment	BMP Name	Treatment BMP Type	Primary Water Quality Treatment Process	BMP RAM Required Observation	Frequency of Observation (when key or essential)
431 (MP 0-3)	431006	WCCF0002	Cartridge Filter	Media Filtration	Confined Space	Annually in late spring, additional observation if maintenance is required
	431009	WCCF0006	Cartridge Filter	Media Filtration	Confined Space	
	431018	WCIB0016	Infiltration Basin	Infiltration	CHP measurement, Vegetation Cover	
	431020	WCCF0005	Cartridge Filter	Media Filtration	Confined Space	
	431050	WCCF0003, WCCF0004	Cartridge Filter	Media Filtration	Confined Space	
50	504	DCIB0004, DCIB0005	Infiltration Basin	Infiltration	CHP measurement, Vegetation Cover	Annually in late spring, additional observation if maintenance is required
		DCDB0007	Dry Basin	Infiltration (particle capture)	CHP measurement, Material Accumulation, Vegetation Cover	
	502	DCIB0006	Infiltration Basin	Infiltration	CHP measurement, Vegetation Cover	
28	2821	WCDB0013	Dry Basin	Infiltration (particle capture)	CHP measurement, Material Accumulation, Vegetation Cover	Annually in late spring, additional observation if maintenance is required
	2858	WCCF0001	Cartridge Filter	Media Filtration	Confined Space	

Road Operations for Water Quality

Advanced road operations are expected to continue, not only from a water quality standpoint, but for air quality and public safety. Staff, under the *Catchment Registration and TMDL Implementation* grant, will perform the required initial Road RAM protocols. To perform the required annual condition assessment monitoring thereafter, NDOT staff or a consultant will perform these tasks. Depending on the results of *the Road Operations Effectiveness Project*, it may be beneficial in the future to pursue additional advanced sweepers and/or additional funding to augment current road operations for water quality. Estimated annual costs to operate and maintain street sweepers in the registered catchments is roughly $22,000, and the estimated yearly costs to maintain the Credits through the Crediting Program are approximately $27,000 per year. This cost estimate includes a cost recovery factor for sweeper purchase.

2.5 Barriers/Constraints

There are significant time and monetary costs associated with the implementation of actions necessary to meet the load reduction milestones specified in the Lake Tahoe TMDL. As detailed in the Lake Tahoe TMDL Synthesis of Findings (Lahontan and NDEP, 2014), the need for improvement in the integration and alignment of the Stormwater Tools is a priority, as well as the need to reduce the administrative costs. Additional costs will be incurred by all jurisdictions due to refinement and quality assurance of re-modeled catchments slated for registration using the revised PLRM. Regulators and jurisdictions must be aware of these costs and time constraints as management strategies and policies are adjusted.

The primary barriers or constraints to NDOT to meet the 2016 load reduction milestone, as well as all future load reduction milestones, are those of staffing and funding, and the uncertainty and changes that the Stormwater Tools revisions will have on Crediting Program implementation. The costs herein are draft estimates; NDOT staff will continue to monitor resources spent on Crediting Program participation and maintenance costs incurred above historical costs. This will help with generating more accurate cost estimates towards TMDL implementation.

Political climate and uncertainty with the funding of the Federal Transportation Bill is the biggest potential barrier/constraint for NDOT. A reduction in the amount of federal funds available to NDOT could place a greater demand on State Gas Tax Funds making less available for implementation of the TMDL.

3.0 PRELIMINARY APPROACH TO ACHIEVE FUTURE MILESTONES

NDOT intends to use a blend of load reduction actions (WQIPs and road operations) to meet future milestones. However, specific priorities and approaches to achieve the required load reductions cannot be defined at this time given the ongoing and numerous changes to the programs and tools supporting the Lake Tahoe TMDL (Stormwater Tools, Lake Tahoe TMDL Management System, and Crediting Program). The changes will ultimately affect both baseline load estimates, as well as Credit or load reduction calculations. Until the Lake Tahoe jurisdictions have access to the revised tools and understand the final administrative changes that will accompany the adaptively managed TMDL Management System, there is too much uncertainty to make any detailed, long-term selection of approaches.

As summarized in Section 2, NDOT is in a good position to reach the 2016 load reduction milestone. It is expected that if progress in all planned courses of action continue over the next decade, and assuming sufficient funding is available, NDOT should also readily achieve the 2021 milestone. With a combination of state and federal gas tax funding, the Fund to Protect Lake Tahoe and other grants as they become available, NDOT plans to continue implementation of WQIPs to reduce stormwater loads generated and delivered to Lake Tahoe. The *Road Operations Effectiveness Project* will also be instrumental in informing NDOT regarding the cost-effectiveness of improved road operations practices.

NDOT expects to achieve the 2021 and 2026 milestone load reductions through a combination WQIPs and advanced road operations with the emphasis on advanced road operations. This will require monetary requests of the funding to meet these obligations from the state legislature and Transportation Board. NDOT has had recent success in acquiring funds to purchase advanced road operations equipment. NDOT will have added three new high efficiency sweepers and two advanced abrasives spreaders to its Tahoe Basin fleet prior to the 2016 milestone. Additional advanced abrasive spreaders will be considered and prioritized for future NDOT equipment budgets as well as replacing an older, inefficient sweeper with a new high efficiency sweeper. This will all be considered prior to the 2021 milestone.

NDOT's Director has committed funding for the Lake Tahoe Program to meet the commitments in ILA and TMDL. NDOT Hydraulics currently has 2 large WQIPs already in design and an additional 4 projects are identified in its 5-year plan that will be scoped and scheduled for construction prior 2019. In addition, the Hydraulic section's budget has funding identified for the construction of 2 smaller WQIPs. These smaller WQIPs will partner with Douglas County, USFS and a couple of GID's on projects that will be of benefit to NDOT as well as the County and GIDs. NDOT recently participated in the Incline Green Streets project in which smaller LID type BMPs were constructed in the Departments right-of-way in a time efficient and cost effective manner. NDOT will continue to identify and pursue similar opportunities throughout the Basin and will look to work with the Conservation District and Counties on these types of projects. NDOT will rely heavily on Federal Funding and State Gas Tax fund but will continues to seek grant as they are available.

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2NDNATURE and Northwest Hydraulic Consultants. 2011. Placer County Stormwater TMDL Strategy, Placer County, CA. Final Technical Report. Prepared for U.S. Army Corps of Engineers and County of Placer, California. July 12, 2011.

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APPENDIX A

DETAILED COST ESTIMATE

			LCCP Registration										Initial Costs			Annual Costs			
			PLRM		BMP RAM		Road RAM		Other Actions	TIST Tool		Initial LCCP Registration							
Strategy	Catchment	UPC	(a) Initial Model	(b) Revisions	(c) Initial Hours	(d) Annual Hours	(e) Initial Hours	(f) Annual Hours	(g) Safety (4)	(h) Initial Hours	(j) Re-register	(a)+(c)+(e)+(g)+(h) Total Hours	Initial Maintenance & Road Operation Costs	Initial LCCP Registration Cost	**INITIAL TMDL REGISTRATION COST**	Annual Maintenance & Road Operation Costs	Yearly Time to Maintain Credit (personnel hours) (b)+(d)+(f)+(g)+(i)	Yearly Cost to Maintain Credit (Figured at $100/hr)	**Annual Costs to Maintain Credit**
TOTALS													$ 26,712	$ 44,200	**$ 70,912**	**$ 48,312**	**326**	**$ 32,600**	**$ 80,912**
WQIPS	Hwy 431	431_WA_0.0-3.0	12	0	32	16				8	4	*52*	$ 7,398	$ 5,200	***$ 12,598***	$ 7,398	20	$ 2,000	$ 9,398
	2821, 2858	28_WA_12.3-12.8; 28_WA_8.5-	12	0	16	16				8	4	*36*	$ 5,961	$ 3,600	***$ 9,561***	$ 5,961	20	$ 2,000	$ 7,961
	Hwy 50 MP 7-12	50_DO_7.0-12.0	12	0	32	16				8	4	*52*	$ 13,352	$ 5,200	***$ 18,552***	$ 13,352	20	$ 2,000	$ 15,352
SUBTOTAL			**36**	**0**	**80**	**48**	**0**	**0**	**0**	**24**	**12**	***140***	$ 26,712	$ 14,000	**$ 40,712**	**$ 26,712**	**60**	**$ 6,000**	**$ 32,712**
ROAD OPERATIONS	Hwy 431	Road Operations MP 0.0-3.0	8	4			32	24	70			*110*		$ 11,000	***$ 11,000***	$ 10,800	98	$ 9,800	$ 20,600
	Hwy50	Road Operations MP 9.0-12.0	12	4			40	24	140			*192*		$ 19,200	***$ 19,200***	$ 10,800	168	$ 16,800	$ 27,600
SUBTOTAL			**20**	**8**	**0**	**0**	**72**	**48**	**210**	**0**	**0**	**302**	**$ -**	**$ 30,200**	***$ 30,200***	**$ 21,600**	**266**	**$ 26,600**	**$ 48,200**

***NOTES**

1 Re-model in PLRM
2 Apply Road RAM
3 Perform BMP RAM on treatment infrastructure, assess maintenance required to re-establish performance; set benchmark and threshold values
4 Provide traffic control and other safety measures as necessary to carry out the activity
5 Establish estimated "goal value" for Road Conditions (Score 1-5)
6 Based on the types of BMP treatments in the UPC and by estimating the number of equipment hours and maintenance personnel needed to maintain the BMP in a functioning condition utilizing historical cost data compiled by both NDOT and Washoe County

APPENDIX B

Interlocal Agreement

Agreement No. NM 304-13-019

INTERLOCAL AGREEMENT
TO IMPLEMENT THE
LAKE TAHOE TOTAL MAXIMUM DAILY LOAD

WHEREAS, as one of the rare large alpine deepwater lakes in the world with unique transparency, color and clarity, Lake Tahoe is designated a Water of Extraordinary Aesthetic or Ecologic Value; and

WHEREAS, degradation of Lake Tahoe's water quality threatens its ecological functions and its value as an outdoor recreation resource, international tourism attraction, and economic asset; and

WHEREAS, stormwater runoff from urban land uses is attributed to be the largest source of pollutant loads that impairs Lake Tahoe water quality and the management and control of storm water runoff provides the principal opportunity to control these pollutants; and

WHEREAS, to restore Lake Tahoe's water quality and clarity to acceptable levels, the United States Environmental Protection Agency (USEPA) approved the Lake Tahoe Total Maximum Daily Load (TMDL). Pursuant to NRS 445A.580, the Lake Tahoe TMDL is a component of the planning process established for impaired water bodies in Nevada, which the Parties believe may be more effectively achieved through the cooperative implementation of water quality improvement actions as opposed to a regulatory permit; and

WHEREAS, the Parties are public agencies as defined in NRS 277.100(1)(a); and

WHEREAS, NRS 277.110(2) provides that any two or more public agencies may enter into agreements with one another for joint or cooperative action under the provisions of NRS 277.080 to 277.170, inclusive; and

WHEREAS, the Parties have agreed to work together in good faith using a collaborative agreement approach to design implementation plans and invest in water quality improvement actions to implement the TMDL on a feasible schedule; and

WHEREAS, the Nevada Department of Transportation is required to comply with National Pollutant Discharge Elimination System permit #NV0023329, Part II.C.2 and Part II.C.3 Total Maximum Daily Load to Lake Tahoe and Tributaries to Lake Tahoe, which this Interlocal Agreement (Agreement) does not supersede, alter, vary or otherwise change;

NOW, THEREFORE, the Parties hereby execute and abide by the terms and conditions contained within this Agreement.

I. PARTIES AND ROLES

1. The *Parties* to this Agreement are the Nevada Department of Transportation (NDOT) and the Nevada Division of Environmental Protection (NDEP). Herein, these entities in sum shall be collectively referred to as the *Parties*. Any singular entity may be referred to as *Party*. The term *Urban Jurisdictions* refers collectively to the three implementing entities with which NDEP has established individual agreements: Washoe County, Douglas County and NDOT.

2. NDOT will serve as the lead entity for all undertakings related to the planning, execution and coordination of implementation, tracking and reporting of urban load reduction actions within its jurisdiction. NDOT will communicate, coordinate and cooperate with public and private entities, including other Urban Jurisdictions, in cases where joint management actions are desirable or beneficial. It may be necessary to establish formal agreements with applicable participatory public and private entities to achieve the intended purposes of this Agreement. At NDOT's request, NDEP will actively participate in the coordination and establishment of such agreements.

3. NDEP will oversee implementation of the TMDL within the State of Nevada via this Agreement while it remains in effect. NDEP will develop and adaptively manage in a transparent and inclusive manner, programs, policies and protocols to track, report, evaluate and ensure incremental progress towards achieving the goals established by the TMDL.

II. BACKGROUND

1. The Federal Clean Water Act requires states to adopt standards to protect beneficial uses designated for waterbodies and to monitor and assess these waters for impairment. Assessment of Lake Tahoe monitoring data prompted its listing on Nevada's List of Impaired Waterbodies for non-attainment of the clarity standard and impairment of the Water of Extraordinary Aesthetic or Ecologic Value beneficial use designation.

2. Non-attainment of water quality standards requires the development of restoration plans called Total Maximum Daily Loads under the federal Clean Water Act. The Nevada Division of Environmental Protection (NDEP) collaborated with the California Lahontan Regional Water Board (Lahontan) for more than a decade to develop the Lake Tahoe TMDL to address Lake Tahoe's degraded clarity. The USEPA approved NDEP's TMDL on August 16, 2011.

3. The overarching goal of the TMDL is to return Lake Tahoe to its historic annual average deepwater clarity of 97.4 feet (Numeric Target). An interim "Clarity Challenge" target of 80 feet annual average clarity was also established. Achieving this interim target will indicate reversal of the historic declining clarity trend.

4. The TMDL identifies fine sediment particles (FSP), total phosphorus (TP) and total nitrogen (TN) as the pollutants of concern for deepwater clarity. Each controls the distance that light is able to penetrate into the water column. However, the light scattering effect of FSP less than sixteen micrometers in diameter (<16 µm) was determined to exhibit a greater influence on clarity.

5. The TMDL analysis indicates that achieving the TMDL goal is possible with substantial pollutant load reductions from the urban stormwater source category. This stems from the findings that stormwater runoff from urban land uses is the largest loading source of FSP and phosphorus to the Lake and also the greatest opportunity to reduce loadings of these pollutants. Broader application of conventional urban stormwater treatment will be beneficial; however the TMDL concludes that implementation of innovative and advanced controls are necessary in order to meet the Clarity Challenge. Examples include: alternatives to roadway abrasives applications, advanced roadway sweeping practices and equipment, and enhanced stormwater treatment using biological or chemical processes.

6. The TMDL establishes five-year pollutant load reduction milestones that are anticipated to achieve the Clarity Challenge within 20 years and the Numeric Target within 65 years. The milestone schedule for the urban stormwater source category indicated in Table 1 is referenced against the date of TMDL approval, August 16, 2011 and furthermore assumes that global climate change, catastrophic events and/or funding constraints will not adversely affect progress. The Clarity Challenge is represented by the 15 year load reduction milestone, followed by a 5 year monitoring and assessment period.

Table 1. Pollutant Load Reduction Milestone Schedule for the Urban Stormwater Source (see #4 above for pollutant acronym definition).

Pollutant	Five-Year Milestone Load Reduction (Percentage from Jurisdictional Baseline Values)												
	5 yr	10 yr	15 yr	20 yr	25 yr	30 yr	35 yr	40 yr	45 yr	50 yr	55 yr	60 yr	65 yr
FSP	10%	21%	34%	38%	41%	45%	48%	52%	55%	59%	62%	66%	71%
TP	7%	14%	21%	23%	26%	28%	31%	33%	36%	38%	41%	44%	46%
TN	8%	14%	19%	22%	25%	28%	31%	34%	37%	40%	43%	46%	50%

7. The Lake Clarity Crediting Program (LCCP) was developed jointly by NDEP and Lahontan to define standardized protocols for the comprehensive and consistent quantification, tracking and reporting of load reduction actions taken by local governments and state transportation agencies. The program incentivizes the entities to implement priority controls to improve water quality and improves accountability for the expenditures of public funds on such actions.

III. PURPOSE

The purpose of entering into this Agreement is to acknowledge and establish a commitment by each signatory Party to apply their collective efforts to restore and protect Lake Tahoe's clarity. In identifying the actions and responsibilities of each Party, this Agreement provides the framework for the successful implementation of the Lake Tahoe TMDL, and the attainment of the goals set forth therein, on a schedule which is feasible. Inherent in the use of an agreement approach is the acknowledgement that implementation success is, in part, dependent upon the establishment of a process which cultivates a collaborative and cooperative venture between the implementing and regulating entities.

This Agreement outlines goals, commitments and actions which the Parties agree to pursue in good faith. The Parties understand and agree that, based on all relevant facts and circumstances, if the cooperative agreement approach on which this Agreement is based is unsuccessful in achieving the intended outcomes, NDEP may at any time re-evaluate whether a more regulatory approach to achieving TMDL implementation is warranted.

IV. COMMITMENTS & ACTIONS

1. Stormwater Load Reduction Plan

A. NDOT will prepare a Stormwater Load Reduction Plan (SLRP) that specifies the actions it anticipates to implement in order to meet the 2016 five-year FSP milestone and if jointly determined feasible by the Parties, the ten and fifteen year milestones to meet the Clarity Challenge (Table 1). The SLRP will consist of a technical report providing the following information/analyses:

i. Baseline Pollutant Load Analysis
NDOT will provide an estimate of the pollutant loading from urban land uses that existed within its boundaries as of September 30, 2004 (or May 1, 2004 if NDOT can demonstrate that no substantial runoff occurred between these dates). The baseline analysis will be developed in accordance with specifications outlined in the Lake Tahoe TMDL and Lake Clarity Crediting Program (Section IV.2) Handbook.

ii. Existing Pollutant Load Analysis
NDOT will provide a list and map of catchment areas in which it has implemented pollutant controls between the Jurisdictional Baseline Pollutant Load Analysis and December 31, 2012 and which it intends to register pursuant to the Lake Clarity Crediting Program (Section IV.2). A description and timeline of the pollutant controls implemented along with the estimated pollutant load reduction potential will be provided for each catchment area.

iii. Future Load Reduction Analysis
NDOT will provide a prioritized list and map of catchment areas in which it plans to implement pollutant controls between January 1, 2013 and September 30, 2016 in order to meet the annual credit targets contained in Table 2 (Section IV.2.B). A description and proposed timeline of the pollutant controls to be implemented along with the estimated pollutant load reduction potential associated with the implementation of the controls will be provided for each catchment area.

If jointly determined feasible by the Parties, NDOT will provide a preliminary implementation approach for meeting the Clarity Challenge. The approach will specify management strategies that are anticipated to achieve the ten and fifteen year milestones contained in Table 1. A description and proposed timeframe along with the estimated pollutant load reduction potential associated with implementation of the management strategies will be provided.

iv. Budget
NDOT will provide an estimate of the total and annualized expenditures necessary to carry out the SLRP and administer, operate and maintain the jurisdiction's stormwater management program.

v. Finance Plan
NDOT will identify, to the extent reasonably possible, any anticipated or feasible funding sources and/or mechanisms to implement NDOT's SLRP.

vi. Barriers/Constraints
NDOT will identify any actual and/or potential constraints to implementing pollutant controls identified in the SLRP as well as potential mechanisms to overcome the identified issues.

B. NDOT shall submit its SLRP to NDEP for approval by August 16, 2014. NDEP will approve or deny approval within 30 days of receipt of the SLRP. If denied, NDEP will provide a list of items to be resolved in order for the SLRP to be approved. NDOT will have 45 days to address comments and re-submit the SLRP for approval.

C. For any reason after initial SLRP approval and prior to submittal of the first Annual Stormwater Report (Section IV.4), NDOT may submit a written request to NDEP to amend its SLRP. The request must include a justification of the need and purpose for the modification and a discussion of whether the amendment will affect associated pollutant loading estimates, implementation schedule, budget or finance plan.

D. NDOT will implement, to the extent feasible and financial resources are available, the controls and activities identified in its SLRP according to the indicated schedule. NDOT will oversee and administer all activities including

planning and design, construction, operations and maintenance and coordination of financing for all pollutant controls to be implemented within its jurisdiction. NDOT shall administer inspections, operations and maintenance activities to ensure that its implemented pollutant controls function as designed to enhance and protect downstream water quality.

E. The Parties acknowledge that implementation progress is contingent upon available funding. NDOT, as an implementing entity, is expected to pursue both self-funded and external funding sources to implement its SLRP. NDEP will support NDOT towards this end, and will furthermore work with NDOT to seek and implement feasible solutions if funding is identified as a constraint to achieving load reduction goals.

2. Lake Clarity Crediting Program

A. NDOT will participate in the Lake Clarity Crediting Program (LCCP or Program). The LCCP standardizes the tools and protocols to consistently quantify, track and report load reduction progress, and facilitates demonstration of accountability for public expenditures on load reduction actions. NDEP will administer the LCCP in accordance with the Program Handbook. Credits will be awarded to NDOT for the ongoing implementation and registration of controls, including operations and maintenance practices, which effectively result in reductions of pollutant loads to Lake Tahoe.

B. NDOT implementation progress will be measured, tracked and assessed in accordance with the protocols contained in the Program Handbook. Annual credit targets offer a means by which to assess and demonstrate incremental progress toward achieving the 2016 five-year milestone. Table 2 displays the cumulative annual credit targets established for NDOT. Annual credit targets were developed according to Equation 1. The *Annual Load Reduction Percentage* factor varies by year and is calculated cumulatively as 2% per year. Table 2 combines 2012 and 2013 since this Agreement will have been executed in 2013.

Table 2. Annual credit targets established for NDOT with cumulative load reduction percentage values shown in parenthesis.

Jurisdiction	Baseline Load (E+16 Fine Sediment Particles)	Cumulative Credit Targets (refer to Eq 1)			
		2012 (2%) 2013 (4%)	2014 (6%)	2015 (8%)	2016 (10%)
NDOT	793	32	48	63	79

$$\text{Cumulative Annual Credit Target} = \frac{\text{(Annual Load Reduction Percentage)} \times \text{(Urban Jurisdiction Baseline FSP Load)}}{\text{1.0E+16 Fine Sediment Particles < 16 µm}} \quad \text{(Eq 1)}$$

C. In accordance with the Program Handbook, NDOT is eligible to receive the full credit potential for their registered controls when actual conditions, as determined by condition assessment inspections (Section IV.3.A) are equal or better than the expected, or modeled, conditions. Only partial credit will be awarded when the actual conditions are consistently lower than the expected conditions.

D. NDEP will manage the LCCP jointly with Lahontan through a transparent and inclusive program improvement process as described in the Program Handbook. NDOT may submit recommendations for programmatic adjustments/improvements, which will be considered and carried out as needed and/or if resources allow.

3. Monitoring & Inspection

A. Condition Assessment Monitoring

i. The Parties acknowledge that condition assessments are imperative as the LCCP involves comparing actual field conditions, as determined by field inspection, against the expected, or modeled, conditions to determine the appropriate credit award.

ii. NDOT will implement an inspection program to assess condition of roadways and functionality of stormwater treatment best management practices (SWT BMPs).

iii. NDOT may retain a qualified third party to conduct the condition assessment observations on its behalf.

iv. NDEP will administer a validation inspection program in accordance with the Program Handbook.

v. The Best Management Practices Maintenance Rapid Assessment Methodology (BMP RAM) and the Road Rapid Assessment Methodology (Road RAM) are the approved methods to assess, score and document the actual condition of SWT BMPs and roadways, respectively. An alternative assessment methodology may be used with approval from NDEP. In order to receive approval, NDOT must submit a written request including a detailed proposal and description of the alternative methodology. NDEP may approve the proposal if criteria contained in the LCCP Handbook and other considerations are satisfied.

vi. NDOT is encouraged to develop and employ methods to assess the condition or performance of other key or essential hydrologic or pollutant source controls for which assessment methods have not been established [for example: slope stabilization techniques or other structural BMPs not addressed by the BMP RAM].

B. Stormwater Monitoring

i. The Parties acknowledge that stormwater monitoring at the catchment and BMP scales is important for the following reasons:

a. Verification that NDOT's pollutant load reduction actions are effective and are resulting in measurable pollutant load reductions at the catchment scale;
b. Confirmation and validation that appropriate credit values are awarded for the implementation of pollutant controls;

c. Evaluation of cost-effectiveness of pollutant controls;

d. Optimization of BMP installation and maintenance practices to maximize water quality benefit;

e. Calibration, validation or improvement of water quality models.

ii. Subject to budgetary authority, available funding and staffing resources, NDOT will implement a stormwater monitoring program to meet the stated needs above. Nevada and California Urban Jurisdictions have collaboratively initiated development and implementation of an Implementers Monitoring Program (IMP). The United States Forest Service (USFS) has earmarked $750,000 of Southern Nevada Public Lands Management Act (SNPLMA) funds to implement the approved monitoring plan. Lahontan and NDEP maintain approval authority over the monitoring plan. Match totaling $850,000 will be provided by the Nevada and California Urban Jurisdictions. IMP monitoring activities will commence in Water Year (WY) 2014 (October 1, 2013 – September 30, 2014) and will encompass three years of water quality monitoring activities associated with Water Years 2014-2016. Implementation of the approved IMP shall fulfill, without any or additional financial contributions, NDOT's Stormwater Monitoring commitments for the term of this Agreement.

iii. The IMP will be administered by the Tahoe Resource Conservation District (TRCD). On behalf of NDOT, TRCD will develop and submit an annual electronic report to NDEP for approval that presents, summarizes and interprets the results of the data collected during the previous water year (October 1 – September 30). The first report is due on March 15, 2015. NDEP will approve or deny approval within 30 days of receipt of the monitoring report. If denied, NDEP will provide a list of items to be resolved in order for the monitoring report to be approved. On behalf of NDOT, TRCD will have 45 days to address comments and re-submit the monitoring report.

iv. The Parties acknowledge that implementation of the IMP is contingent upon available funding and budget allocations as determined by the

governing bodies of the respective Urban Jurisdictions. Should funding or budget allocations be insufficient or become unavailable to dedicate toward implementation of the approved IMP, the monitoring plan will be re-evaluated and, if necessary, be revised such that the scope of the monitoring effort shall be reduced to the level of the available funding. The scope of the stormwater monitoring effort will furthermore be re-evaluated and revised as necessary for the next or any subsequent terms of this Agreement taking into consideration the budgetary authority, available funding and staffing resources of NDOT.

4. Annual Stormwater Report

   A. By March 15, 2015 and then each year after, NDOT will submit to NDEP for approval an annual report summarizing the load reduction activities undertaken during the previous water year (October 1-September 30). The initial report will summarize and analyze activities undertaken in WY 2014 (10/1/13 – 9/30/14).

   B. The report will include the following components:

      i. List of catchments registered with credit awards;

      ii. Assessment of progress toward credit targets and the five year milestone;

      iii. If progress is insufficient to meet credit targets or five year milestone:

         a. Provide explanation of causes or conditions for the shortfall;

         b. Assess whether target/milestone attainment is possible and describe the proposed actions to do so;

      iv. Actions planned for the next water year;

      v. Necessary adjustments to NDOT's SLRP.

   C. NDEP will approve or deny approval within 30 days of receipt of NDOT's Annual Stormwater Report. If denied, NDEP will provide a list of items to be resolved in order for the report to be approved. NDOT will have 45 days to address comments and re-submit the report for approval.

V. Term & Update

The term of this Agreement shall terminate on August 16, 2016, which is five years from the date of TMDL approval. As the implementation timeframe to achieve the TMDL numeric target is 65 years, this Agreement may be reviewed and, if necessary, revised and approved by the Parties before or upon the termination date above. If the Parties fail to approve and execute a renewal of this Agreement, with or without any

amendments prior to the termination date, then the Parties agree to use best efforts to comply with the terms and conditions of this Agreement until a subsequent agreement is approved and executed by the Parties. If the Parties fail to approve and execute a subsequent agreement within 6 months of the termination date, NDEP may pursue an alternative regulatory approach.

VI. Modification

At any point during this term, the Agreement may be modified with the consent in writing of all signatory Parties. Modifications to the Agreement will not result in a change to or extension of the initial term (Section V) of this Agreement.

VII. Evaluation & Contingency

1. NDEP will evaluate the performance of NDOT and make a determination of whether the commitments set forth in this Agreement are in good faith being met, or whether there exist other causes preventing their performance. Factors that will be considered in the evaluation of performance and/or the need to act on a contingency include but are not limited to: attainment of annual and five-year credit targets; the degree to which a target is not met; NDOT's good faith attempt to perform any commitments; economic, budget allocations, feasibility or availability of funding sources or other impediments; and past performance.

2. If NDEP determines NDOT has failed to perform its commitments under this Agreement and such failed performance has not been caused by the regulatory action of NDEP itself or by the actions or inactions of another party, NDEP will evaluate the need to implement an alternative regulatory approach.

3. If a lack of available funding or insufficient budget allocations are identified as a primary factor limiting NDOT's performance or causing the failure of performance and the attainment of credit targets or any other commitment under this Agreement, NDEP may consider extending the implementation timeframe through modification to the load reduction milestone schedule.

4. In consultation with NDOT, NDEP will annually evaluate the effectiveness of this Agreement. If the Agreement is determined to be ineffective at achieving its intended purpose, NDEP will investigate the reasons for its ineffectiveness and will develop recommendations for subsequent revisions to this Agreement.

VIII. Termination

If any Party fails without adequate cause, excuse or justification to abide by any material term of this Agreement, the non-violating Party may give the violating Party a 30 day written notice to cure such failure. If such failure has not been cured during such opportunity to cure period, such failure shall then constitute a breach of this Agreement. If NDOT is the breaching party, NDEP may then give notice of termination of this Agreement and pursue an alternative regulatory approach.

IX. Dispute Resolution

1. The Parties agree to work together in good faith to address and resolve any issues or dispute.

2. The LCCP Handbook contains the communication protocols to resolve disputes that may arise between NDEP and NDOT during the processes to: (1) develop Catchment Credit Schedules (CCSs), and (2) award credits based on Annual Reports. A form is included by which questions and issues are identified and the manner by which they were addressed and resolved documented.

3. If an issue arises that is not related to the processes described in the LCCP Handbook, it will be handled by progressive elevation within the respective Parties' management.

4. The NDEP Administrator is the final decision making authority for any dispute that is elevated to that level.

X. Severability

If any provision of this Agreement or any provision of any document incorporated by reference shall be held invalid, such invalidity shall not affect the other provisions of this Agreement which can be given effect without the invalid provision, if such remainder conforms to the requirements of applicable law and the fundamental purpose of the Agreement, and to that end the provisions of this Agreement are declared to be severable.

XI. Reservation of Rights

1. Nothing in this Agreement is intended to restrict the authority of any Party to act as provided by law, statute or regulation.

2. This Agreement is not intended to, and does not create any right, benefit or trust responsibility by any party against the Parties to this Agreement, their respective agencies, officers, or any person.

3. This Agreement is an internal agreement between the Parties and does not confer any right or benefit on any third person or party, private or public.

XII. Limitations

Nothing in this Agreement shall be construed to require actions by the Parties which are inconsistent with local, State, or Federal laws and regulations or any court order.

XIII. Execution In Counterparts

The Parties may execute this Agreement in counterparts, each of which is deemed an original and all of which constitute only one agreement.

XIV. All Writings Contained Herein

This Agreement contains all the terms and conditions agreed upon by the Parties. No other understandings, oral or otherwise, regarding the subject matter of the Agreement shall be deemed to exist or to bind the Parties hereto.

XV. Signatories

Each undersigned representative to this Agreement certifies that he or she is fully authorized by the Party whom he or she represents to enter into the terms and conditions of this Agreement and to execute and legally bind such Party to this document.

NEVADA DEPARTMENT OF TRANSPORTATION

X Rudy Malfabon, P.E., Director
Name (Printed)

X _____ X 8-9-13
Signature Date

approved as to legality and form
Catherine Thayer, Deputy Attorney General 8/8/13

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

X Colleen Cripps, PhD, Administrator
Name (Printed)

X _____ X 8/16/13
Signature Date

DUPLICATE
ORIGINAL

APPENDIX C

Senate Bill 324

Senate Bill No. 324–Senator Manendo (by request)

CHAPTER.....

AN ACT relating to the Department of Transportation; authorizing the Director of the Department to issue an encroachment permit for certain discharges onto a state highway, within a right-of-way or into, onto or by way of a conveyance system; providing civil penalties for an unauthorized discharge onto a state highway, within a right-of-way or into, onto or by way of a conveyance system or for a violation of an encroachment permit issued by the Director; creating and setting forth the duties of the Advisory Committee on Transportational Storm Water Management; revising the qualifications of the Director; and providing other matters properly relating thereto.

Legislative Counsel's Digest:

Existing law requires a person to obtain from the Director of the Department of Transportation a permit before disturbing or digging up, or performing certain similar acts with respect to, a state highway or right-of-way. (NRS 408.423) **Section 4** of this bill prohibits a person from discharging onto a state highway, within a right-of-way or into, onto or by way of a conveyance system unless: (1) the discharge is allowed by a valid National Pollutant Discharge Elimination System permit or a valid encroachment permit issued by the Director for the discharge; (2) the discharge is carried out in compliance with the terms of the applicable permit; and (3) the discharge is carried out in accordance with any applicable conditions, rules and regulations prescribed by the Director. In addition, **section 4** requires that if a person carries out such a discharge without adhering to the three preceding requirements, the person must, upon receipt of an order for compliance issued pursuant to **section 7** of this bill, abate, remove or remediate the discharge in a timely manner. If the person fails to abate, remove or remediate the discharge, the Director may exercise several powers of enforcement, as set forth in **sections 5-10** of this bill.

Sections 5-10 of this bill provide certain enforcement powers to the Director relating to **section 4** and authorize the Director to: (1) enter upon any premises to investigate the source of a discharge; (2) issue orders for compliance to enforce the provisions of **section 4**; (3) seek injunctive relief in a court of competent jurisdiction to prevent the continuance or occurrence of any act which violates or may violate the provisions of **section 4**; (4) impose a civil penalty of up to $25,000 per day for violations of the provisions of **section 4**; (5) request that the Attorney General institute a criminal prosecution for a violation of the provisions of **section 4**; and (6) conduct an independent investigation of any act which violates or may violate the provisions of **section 4**. **Section 10.3** of this bill creates and sets forth the functions and duties of the Advisory Committee on Transportational Storm Water Management, an advisory body which expires by limitation on June 30, 2021.

Section 11.5 of this bill removes the requirement that the Director be a licensed professional engineer in this State.

EXPLANATION – Matter in ***bolded italics*** is new; matter between brackets [~~omitted material~~] is material to be omitted.

THE PEOPLE OF THE STATE OF NEVADA, REPRESENTED IN SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:

Section 1. (Deleted by amendment.)

Sec. 2. NRS 405.205 is hereby amended to read as follows:

405.205 A rural electric cooperative which has been formed pursuant to NRS 81.410 to 81.540, inclusive, may erect or bury, and thereafter maintain or operate, power lines, and may permit the maintenance and operation of telephone lines in connection therewith, along public highways, roads, streets and alleys within the area which it holds a certificate of public convenience and necessity to serve. In exercising this right, the cooperative shall not obstruct the natural and proper use of the highway, road, street or alley, and is subject to the requirements of NRS 408.423 [.] ***and section 4 of this act.***

Sec. 3. Chapter 408 of NRS is hereby amended by adding thereto the provisions set forth as sections 3.3 to 10.3, inclusive, of this act.

Sec. 3.3. ***"Conveyance system" means any system of drainage along or involving the roads or highways of this State, or within the rights-of-way of the Department, and designed or used to collect, contain, store or provide for the flow of surface and storm water. The term includes, without limitation, gutters, curbs, ditches, pipes, culverts, channels, catch basins, vaults, man-made channels or storm drains that are owned, operated or controlled by the Department.***

Sec. 3.5. ***"Discharge" means the release of any pollutant, as that term is defined in NRS 445A.400, onto any state highway, within any right-of-way or into, onto or by way of any conveyance system.***

Sec. 4. ***1. No person shall discharge or cause a discharge upon a state highway, within a right-of-way or into, onto or by way of a conveyance system unless:***

(a) The discharge is allowed by a valid National Pollutant Discharge Elimination System permit or a valid encroachment permit issued by the Director pursuant to NRS 408.423;

(b) The person ensures that the discharge is carried out in compliance with the terms of the applicable permit that allows the discharge, as described in paragraph (a); and

(c) The person ensures that the discharge is carried out in accordance with any applicable conditions, rules and regulations prescribed by the Director.

2. If a person violates the provisions of subsection 1, the person shall, upon receipt of an order for compliance issued pursuant to section 7 of this act, abate, remove or remediate the discharge in a timely manner.

3. If a person who violates the provisions of subsection 1 fails to abate, remove or remediate the discharge in a timely manner, the Director may abate, remove or remediate the discharge. The abatement, removal or remediation of a discharge pursuant to this subsection gives the Department a right of action to recover any of the following:

(a) Any expenses associated with the abatement, removal or remediation.

(b) Attorney's fees, costs and expenses related to the abatement, removal or remediation.

(c) An administrative fee in an amount not to exceed $750 for each day of noncompliance with the provisions of subsection 1, commencing on the 6th day after the person who failed to abate, remove or remediate the discharge received an order for compliance pursuant to section 7 of this act.

(d) A civil penalty pursuant to section 9 of this act.

4. The remedies provided in subsection 3 are cumulative and do not abrogate and are in addition to any other rights, remedies and penalties that may exist at law or in equity, including, without limitation, pursuant to sections 4 to 10, inclusive, of this act.

5. All money obtained in accordance with this section, including, without limitation, all fees and monetary penalties imposed pursuant to this section, must be deposited in the State Highway Fund.

6. To enforce the provisions of this section, the Director may cooperate and coordinate with the Division of Environmental Protection of the State Department of Conservation and Natural Resources and the Office of the Attorney General.

Sec. 5. *To enforce the provisions of section 4 of this act or any rule, regulation, standard, permit or order of the Director related thereto, the Director or an authorized designee of the Director may, upon presenting proper credentials:*

1. Enter upon any premises upon which any act in violation of section 4 of this act takes place to inspect, investigate, collect data or otherwise document the violation;

2. At reasonable times, have access to and copy any records required to be maintained in association with any permit issued for the purposes of section 4 of this act or with any abatement, removal or remediation of a discharge that violates the provisions of section 4 of this act;

3. Inspect any equipment or method for the monitoring or observation of a discharge; and

4. Have access to and sample any discharge onto the state highway or right-of-way which results directly or indirectly from activities of an owner or operator of a premises where the discharge originates.

Sec. 6. *1. Except as otherwise provided in section 10 of this act, if the Director finds that any person is engaged or is about to engage in any act or practice which violates any rule, regulation, standard, permit or order issued by the Director for the purposes of section 4 of this act, the Director may:*

(a) Issue an order for compliance pursuant to section 7 of this act;

(b) Commence a civil action pursuant to sections 8 and 9 of this act; or

(c) Request that the Attorney General prosecute any person who violates any provision of sections 4 to 10, inclusive, of this act.

2. The remedies provided in subsection 1 are cumulative and do not abrogate and are in addition to any other rights, remedies and penalties that may exist at law or in equity, including, without limitation, pursuant to sections 4 to 10, inclusive, of this act.

Sec. 7. *1. Except as otherwise provided in section 10 of this act, if the Director finds that any person is engaged in or is about to engage in any act or practice which constitutes or will constitute a violation of any rule, regulation, standard, permit or order issued by the Director to enforce the provisions of section 4 of this act, the Director or an authorized designee of the Director may issue an order for compliance which:*

(a) Specifies the provisions of section 4 of this act, or any rule, regulation, standard, permit or order issued by the Director, alleged to be violated or about to be violated;

(b) Indicates the facts alleged which constitute the alleged violation;

(c) Prescribes the necessary corrective action to be taken and a reasonable period for completion of that corrective action; and

(d) Except as otherwise provided in this paragraph, is served upon the person at his or her place of business or, if that place of

business is unknown, served upon the person through the post office or at his or her last known address of record. Alternatively, the order for compliance may be served upon the person by sending a copy of the order to the electronic mail address of the person, if the electronic mail address of the person is known.

2. Any order for compliance issued pursuant to subsection 1 is final and is not subject to review unless the person against whom the order is issued, within 10 days after the date on which the order is served, requests by written petition a hearing before the Director or an authorized designee of the Director.

Sec. 8. *1. Except as otherwise provided in section 10 of this act, the Director may seek injunctive relief in a court of competent jurisdiction to prevent the continuance or occurrence of any act or practice which violates any provision of section 4 of this act, or any rule, regulation, standard, permit or order issued pursuant thereto.*

2. On a showing by the Director or an authorized designee of the Director that a person is engaged or is about to engage in any act or practice which violates or will violate any rule, regulation, standard, permit or order issued for the purposes of section 4 of this act, the court may issue, without bond, any prohibitory or mandatory injunctions that the facts may warrant, including, without limitation, a temporary restraining order issued ex parte, or, after notice and an opportunity for a hearing, a preliminary injunction or permanent injunction.

3. Failure to establish lack of an adequate remedy at law or irreparable harm is not a ground for denying a request for a temporary restraining order or injunction pursuant to subsection 2.

4. A court may require the posting of a sufficient performance bond or other security interest to ensure compliance with the court order within the period prescribed.

5. An injunction issued pursuant to this section does not abrogate and is in addition to any other remedies and penalties that may exist at law or in equity, including, without limitation, pursuant to sections 4 to 10, inclusive, of this act.

Sec. 9. *Except as otherwise provided in sections 4 to 10, inclusive, of this act, any person who violates or aids or abets in the violation of any provision of section 4 of this act, or of any rule, regulation, standard, permit or order issued pursuant thereto, shall pay a civil penalty of not more than $25,000 for each day of the violation. A civil penalty imposed pursuant to this section is cumulative and does not abrogate and is in addition to any other*

remedies and penalties that may exist at law or in equity, including, without limitation, pursuant to sections 4 to 10, inclusive, of this act.

Sec. 10. *1. Except as otherwise provided in subsection 2, before determining whether to issue an order for compliance, commence a civil action, request that the Attorney General commence a criminal action or seek injunctive relief pursuant to sections 4 to 10, inclusive, of this act, the Director or the authorized designee of the Director shall, if practicable, conduct an independent investigation of the alleged act or practice for which the Director is making the determination.*

2. The Director is not required to conduct an independent investigation pursuant to subsection 1 if:

(a) The determination of the Director to take any action specified in that subsection is based on information that is provided to the Director by a person authorized to act pursuant to a permit issued for the purposes of section 4 of this act or by a person who has carried out a discharge that is unauthorized, unlawful or otherwise impermissible pursuant to that section; or

(b) The alleged act or practice creates an imminent and substantial danger to the public health or the environment.

Sec. 10.3. *1. The Advisory Committee on Transportational Storm Water Management is hereby created.*

2. The Advisory Committee consists of five members appointed by the Director of the State Department of Conservation and Natural Resources as follows:

(a) One member who represents the Associated General Contractors of America.

(b) One member who represents the State Department of Conservation and Natural Resources.

(c) One member who represents the Department of Transportation.

(d) One member who represents the Division of Environmental Protection of the State Department of Conservation and Natural Resources.

(e) One member who represents the public and who has expertise in a field that is relevant to the storm water program.

3. The Chair of the Advisory Committee must be the member of the Advisory Committee who is appointed to represent the Division of Environmental Protection of the State Department of Conservation and Natural Resources.

4. Each member of the Advisory Committee serves for a term of 3 years, beginning on July 1, and may be reappointed.

5. Each member of the Advisory Committee serves at the pleasure of the Director of the State Department of Conservation and Natural Resources.

6. A vacancy on the Advisory Committee must be filled in the same manner as the original appointment.

7. Members of the Advisory Committee serve without compensation and are not entitled to travel or per diem expenses.

8. The Advisory Committee shall meet at the call of the Chair as frequently as required to perform its duties.

9. The Advisory Committee shall work cooperatively with the Division of Environmental Protection of the State Department of Conservation and Natural Resources to:

(a) Ensure the sound implementation and functioning of the storm water program.

(b) Monitor the status and efficacy of the storm water program.

10. Not less frequently than once each calendar quarter, the Advisory Committee shall report to the Department of Transportation regarding matters to include, without limitation:

(a) The activities of the Advisory Committee; and

(b) The implementation and efficacy of the storm water program.

11. Not less frequently than once each calendar quarter, the Department of Transportation shall report to the Interim Finance Committee regarding matters to include, without limitation:

(a) The activities of the Advisory Committee; and

(b) The implementation and efficacy of the storm water program.

12. As used in this section:

(a) "Advisory Committee" means the Advisory Committee on Transportational Storm Water Management created by subsection 1.

(b) "Storm water program" means the program described in sections 4 to 10, inclusive, of this act.

Sec. 10.5. NRS 408.020 is hereby amended to read as follows:

408.020 As used in this chapter ***, unless the context otherwise requires,*** the words and terms defined in NRS 408.033 to 408.095, inclusive, ~~[unless the context otherwise requires,]~~ ***and sections 3.3 and 3.5 of this act*** have the meanings ascribed to them in those sections.

Sec. 11. NRS 408.050 is hereby amended to read as follows:

408.050 "Encroachment" means any tower, pole, pole line, wire, pipe, pipeline, fence, billboard, approach road, driveway, stand

or building, crop or crops, flora, ***discharge of any kind or character*** or any structure which is placed in, upon, under or over any portion of highway rights-of-way.

Sec. 11.5. NRS 408.163 is hereby amended to read as follows:

408.163 The Director:

1. Is in the unclassified service of the State.

2. ~~[Must be a licensed professional engineer in the State.~~

~~3.]~~ Must have had at least 5 years of responsible administrative experience in public or business administration.

~~[4.]~~ ***3.*** Must possess broad skills as a manager in areas related to the functions of the Department.

Sec. 12. (Deleted by amendment.)

Sec. 13. NRS 408.175 is hereby amended to read as follows:

408.175 1. The Director shall:

(a) Appoint one Deputy Director who in the absence, inability or failure of the Director has full authority to perform any duty required or permitted by law to be performed by the Director.

(b) Appoint one Deputy Director for southern Nevada whose principal office must be located in an urban area in southern Nevada.

(c) ***Appoint one Deputy Director with full authority to perform any duty required or allowed by law to be performed by the Director to implement, manage, oversee and enforce any environmental program of the Department. The Deputy Director described in this paragraph shall coordinate the implementation of sections 4 to 10, inclusive, of this act with the State Department of Conservation and Natural Resources.***

(d) Employ such engineers, engineering and technical assistants, clerks and other personnel as in the Director's judgment may be necessary to the proper conduct of the Department and to carry out the provisions of this chapter.

2. Except as otherwise provided in NRS 284.143, the Deputy Directors shall devote their entire time and attention to the business of the office and shall not pursue any other business or occupation or hold any other office of profit.

3. The Director may delegate such authority as may be necessary for the Deputy Director appointed pursuant to paragraph (b) of subsection 1 to carry out his or her duties.

Sec. 13.5. NRS 408.175 is hereby amended to read as follows:

408.175 1. The Director shall:

(a) Appoint one Deputy Director who in the absence, inability or failure of the Director has full authority to perform any duty required or permitted by law to be performed by the Director.

(b) Appoint one Deputy Director for southern Nevada whose principal office must be located in an urban area in southern Nevada.

(c) Appoint one Deputy Director with full authority to perform any duty required or allowed by law to be performed by the Director to implement, manage, oversee and enforce any environmental program of the Department. ~~[The Deputy Director described in this paragraph shall coordinate the implementation of sections 4 to 10, inclusive, of this act with the State Department of Conservation and Natural Resources.]~~

(d) Employ such engineers, engineering and technical assistants, clerks and other personnel as in the Director's judgment may be necessary to the proper conduct of the Department and to carry out the provisions of this chapter.

2. Except as otherwise provided in NRS 284.143, the Deputy Directors shall devote their entire time and attention to the business of the office and shall not pursue any other business or occupation or hold any other office of profit.

3. The Director may delegate such authority as may be necessary for the Deputy Director appointed pursuant to paragraph (b) of subsection 1 to carry out his or her duties.

Sec. 14. NRS 408.210 is hereby amended to read as follows:

408.210 1. Except as otherwise provided in NRS 484D.655, the Director of the Department of Transportation may restrict the use of, or close, any highway whenever the Director considers the closing or restriction of use necessary:

(a) For the protection of the public.

(b) For the protection of such highway from damage during storms or during construction, reconstruction, improvement or maintenance operations thereon.

(c) To promote economic development or tourism in the best interest of the State or upon the written request of the Executive Director of the Office of Economic Development or the Director of the Department of Tourism and Cultural Affairs.

2. The Director of the Department of Transportation may:

(a) Divide or separate any highway into separate roadways, wherever there is particular danger to the traveling public of collisions between vehicles proceeding in opposite directions or from vehicular turning movements or cross-traffic, by constructing curbs, central dividing sections or other physical dividing lines, or by signs, marks or other devices in or on the highway appropriate to designate the dividing line.

(b) Lay out and construct frontage roads on and along any highway or freeway and divide and separate any such frontage road from the main highway or freeway by means of curbs, physical barriers or by other appropriate devices.

3. ~~[The]~~ ***Except as otherwise provided in sections 4 to 10, inclusive, of this act, the*** Director may remove from the highways any unlicensed encroachment which is not removed, or the removal of which is not commenced and thereafter diligently prosecuted, within 5 days after personal service of notice and demand upon the owner of the encroachment or the owner's agent. In lieu of personal service upon that person or agent, service of the notice may also be made by registered or certified mail and by posting, for a period of 5 days, a copy of the notice on the encroachment described in the notice. Removal by the Department of the encroachment on the failure of the owner to comply with the notice and demand gives the Department a right of action to recover the expense of the removal, cost and expenses of suit, and in addition thereto the sum of ~~[$100]~~ ***$750*** for each day the encroachment remains beyond 5 days after the service of the notice and demand.

4. If the Director determines that the interests of the Department are not compromised by a proposed or existing encroachment, the Director may issue a license to the owner or the owner's agent permitting an encroachment on the highway. Such a license is revocable and must provide for relocation or removal of the encroachment in the following manner. Upon notice from the Director to the owner of the encroachment or the owner's agent, the owner or agent may propose a time within which he or she will relocate or remove the encroachment as required. If the Director and the owner or the owner's agent agree upon such a time, the Director shall not himself or herself remove the encroachment unless the owner or the owner's agent has failed to do so within the time agreed. If the Director and the owner or the owner's agent do not agree upon such a time, the Director may remove the encroachment at any time later than 30 days after the service of the original notice upon the owner or the owner's agent. Service of notice may be made in the manner provided by subsection 3. Removal of the encroachment by the Director gives the Department the right of action provided by subsection 3, but the penalty must be computed from the expiration of the agreed period or 30-day period, as the case may be.

Sec. 15. NRS 408.423 is hereby amended to read as follows:

408.423 1. No state highway or right-of-way may be disturbed, dug up, crossed, encroached upon ***, discharged upon*** or

otherwise used for the laying or re-laying of pipelines, ditches, flumes, sewers, poles, wires, approach roads, driveways, railways or for any other purpose, without the written permit of the Director, and then only in accordance with the conditions and regulations prescribed by the Director. All such work must be done under the supervision and to the satisfaction of the Director. All costs of replacing the highway in as good condition as previous to its being disturbed must be paid by the persons to whom or on whose behalf such permit was given or by the person by whom the work was done.

2. In case of immediate necessity therefor, a city or town may dig up a state highway without a permit from the Director, but in such cases the Director must be first notified and the highway must be replaced forthwith in as good condition as before at the expense of such city or town.

3. The Department shall charge each applicant a reasonable fee for all administrative costs incurred by the Department in acting upon an application for a permit, including costs for the preparation and inspection of a proposed encroachment.

Sec. 15.5. The provisions of subsection 1 of NRS 218D.380 do not apply to any provision of this act which adds or revises a requirement to submit a report to the Legislature.

Sec. 16. 1. This section and sections 1 to 13, inclusive, 14, 15 and 15.5 of this act become effective upon passage and approval for the purpose of adopting any regulations and performing any other preparatory administrative tasks necessary to carry out the provisions of this act, and on July 1, 2015, for all other purposes.

2. Section 13.5 of this act becomes effective on July 1, 2021.

3. Section 10.3 of this act expires by limitation on June 30, 2021.

APPENDIX E

Photographs of Maintenance Facility Stormwater Improvements

Maintenance Facility Stormwater Pollution Prevention Measures Implemented During the FY 2015 Reporting Period

Tonopah Maintenance Facility Brine Tank Storage/Containment Area

"No Dumping, Drains to Waterways" Message Stamped into Concrete Curb at a Stormwater Drop Inlet at the Elko Maintenance Facility[1]

[1] Contract 805-14

New Equipment Wash Pad Constructed at the Elko Maintenance Facility[2]

[2] Contract 805-14

New Sand Oil Interceptor Installed at the Elko Maintenance Facility[3] Treating Stormwater Runoff Prior to Discharging into the City of Elko's MS4

[3] Contract 805-14

Valves Installed on Brine Tank Vents to Reduce Brine Spillage during the Loading and Unloading of the Sanders[4]

[4] Developed by Maintenance Crew C171

Hydraulic Hose Connectors and Fluid Containment Vessel Installed at the Wendover Maintenance Facility

“Drains to Stream” Message Stenciled at a Storm Drain Inlet in the North Las Vegas Maintenance Facility[5]

“Drains to Stream, Keep it Clean” Message Stenciled at a Storm Drain Inlet in the Reno/Sparks Maintenance Facility[6]

[5] All storm drain inlets at this facility received stenciling.
[6] All storm drain inlets at this facility received stenciling.

Spooner East Maintenance Facility Decant Basin with the Discharge Pipe and Headgate Removed (Inlet Area)

Spooner East Maintenance Facility Decant Basin with the Discharge Pipe and Headgate Removed (Outlet Area)

Fairview Maintenance Facility Brine Making Building and Brine Tank Storage/Containment Area

Carson City Maintenance Facility with the Brine Tank Storage Area Removed

"Jellyfish" Manufactured Stormwater Treatment Device Installed[7] in the Reno Maintenance Yard Treating Stormwater Runoff Prior to Discharging into the Truckee River

"Jellyfish" Manufactured Stormwater Treatment Device Installed[8] in the Reno Maintenance Yard Treating Stormwater Runoff Prior to Discharging into the Truckee River

[7] Contract 812-14
[8] Contract 812-14

Sand Oil Interceptor Installed at the Reno Maintenance Yard Treating Stormwater Runoff Prior to Discharging into City of Sparks MS4[9]

Reno Maintenance Yard Regraded and Resurfaced[10]

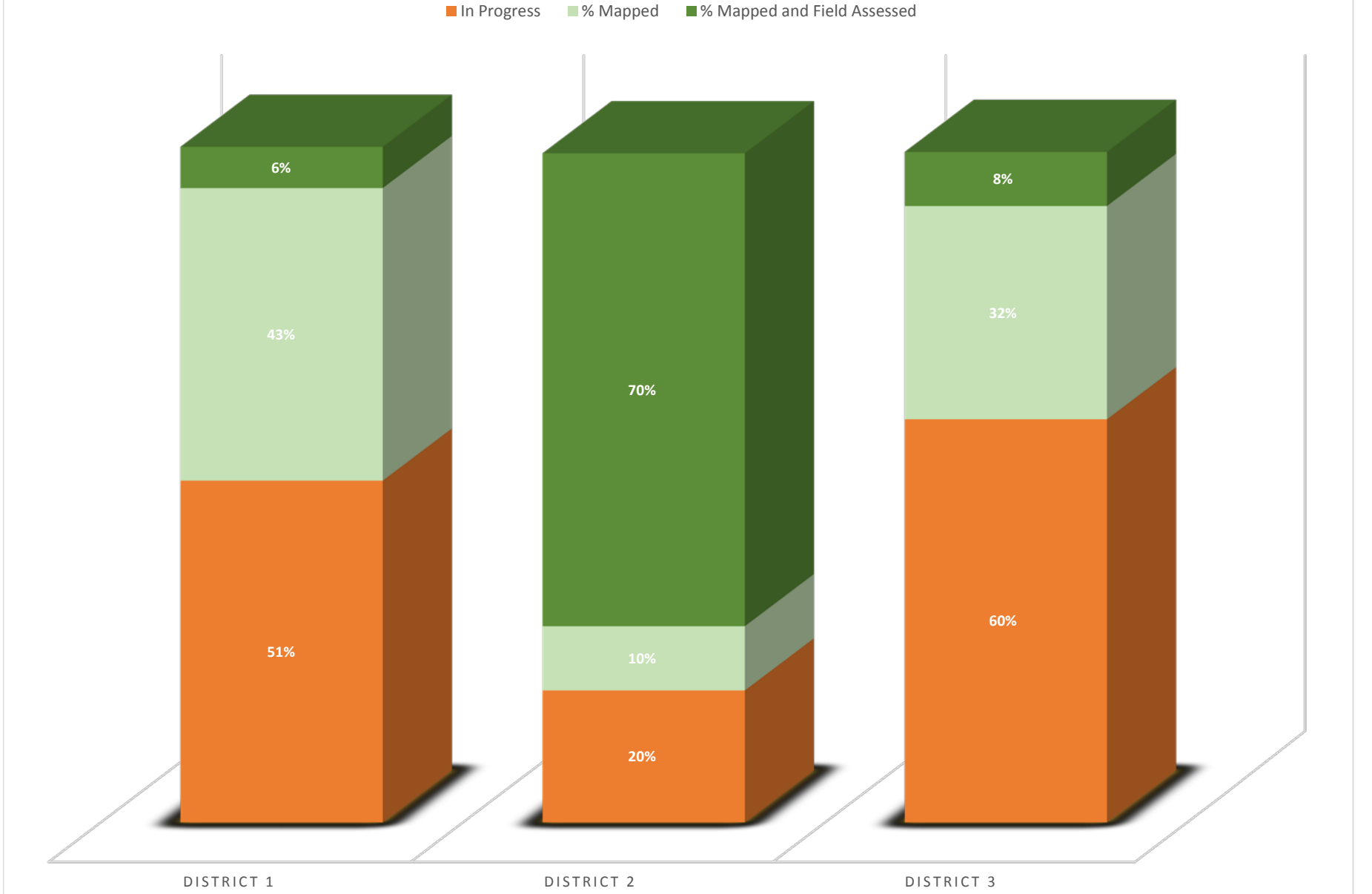
[9] Contract 812-14
[10] Contract 812-14

APPENDIX D

Stormwater Hydraulic Facility Mapping and Inventory Progress Charts, Progress Map, and Stormwater Maps

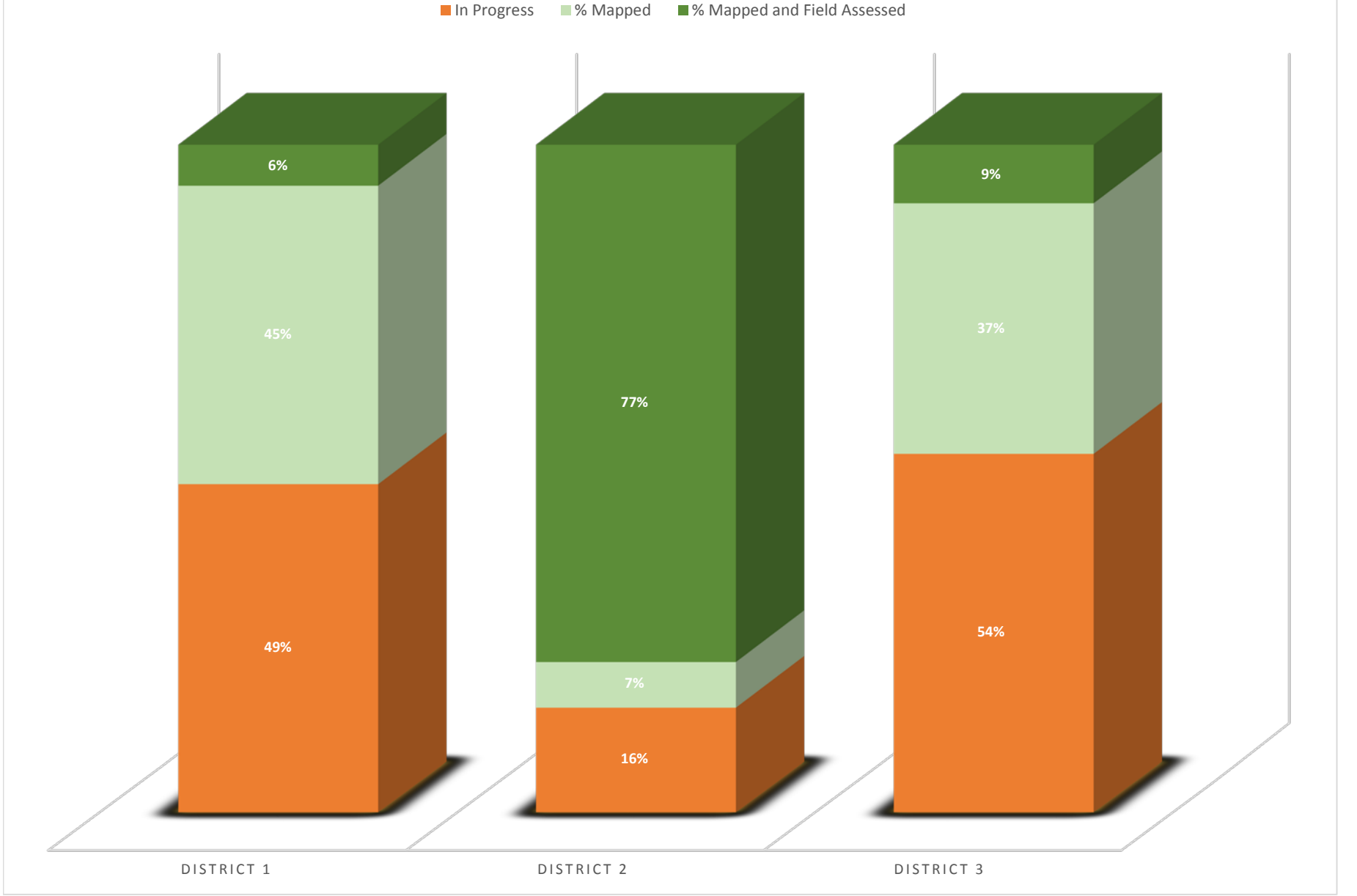
HYDRAULIC FACILITY INVENTORY PROGRESS REPORT

September, 2014



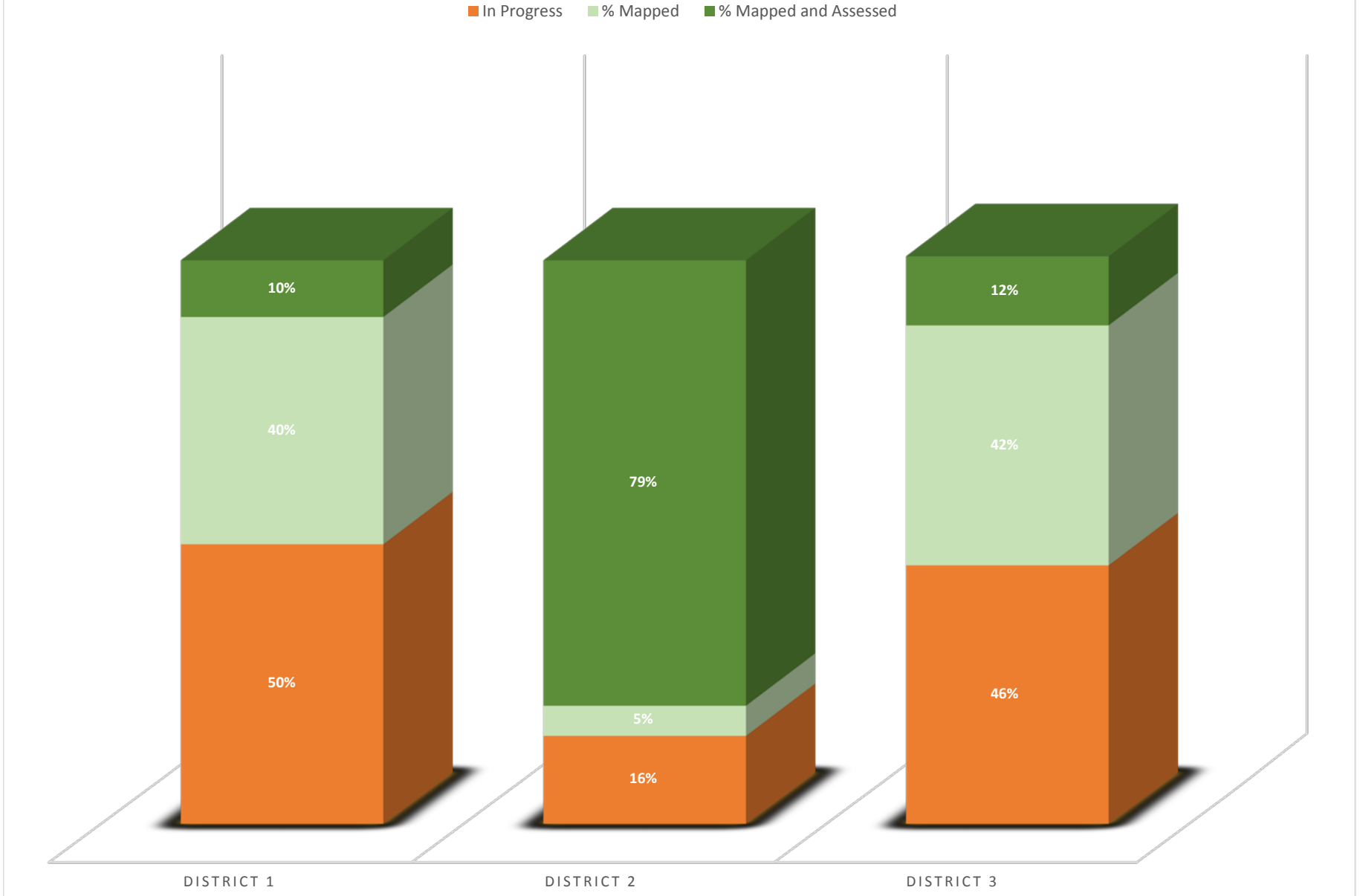
HYDRAULIC FACILITY INVENTORY PROGRESS REPORT

October, 2014



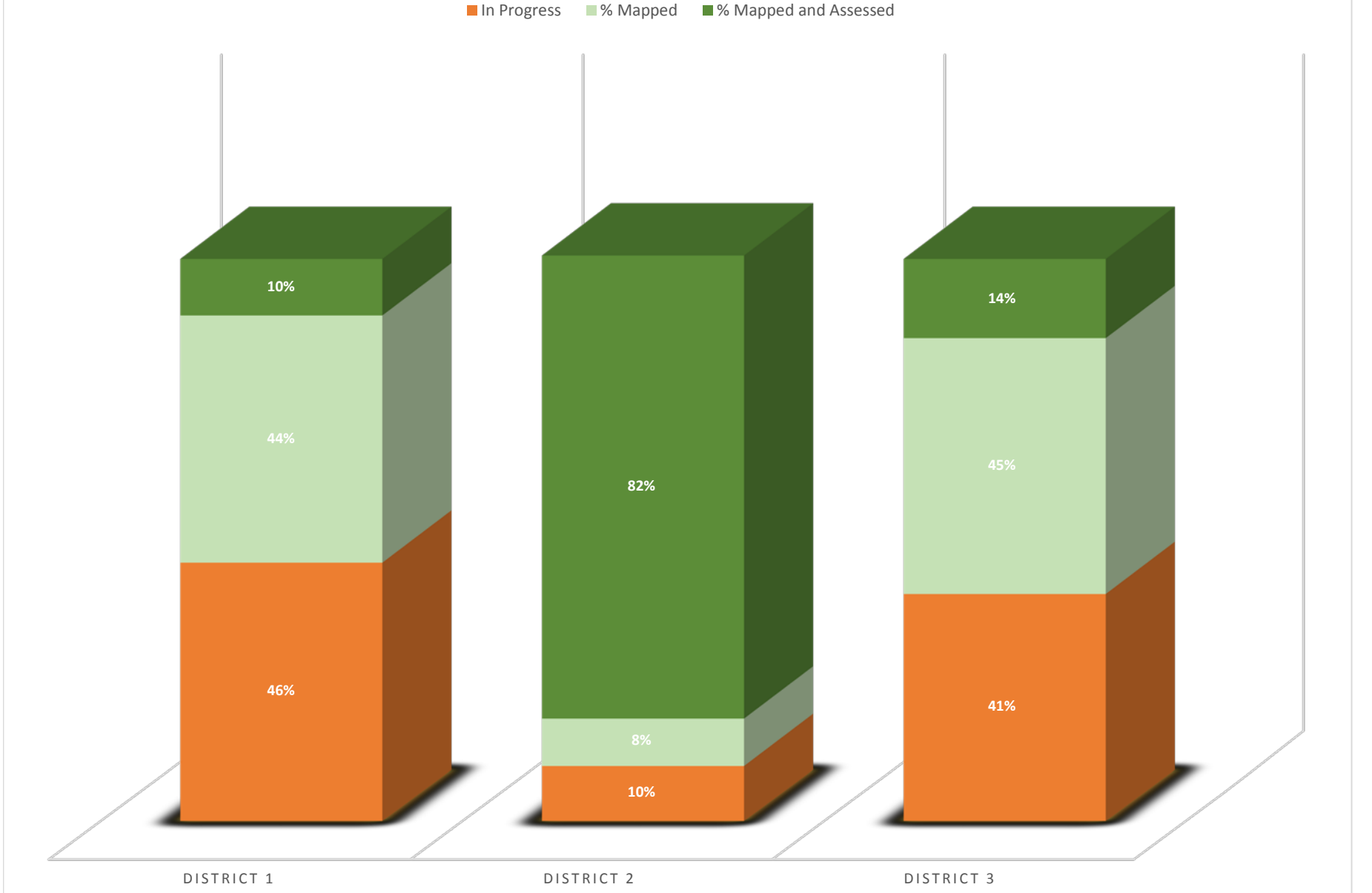
HYDRAULIC FACILITY INVENTORY PROGRESS REPORT

October, 2014



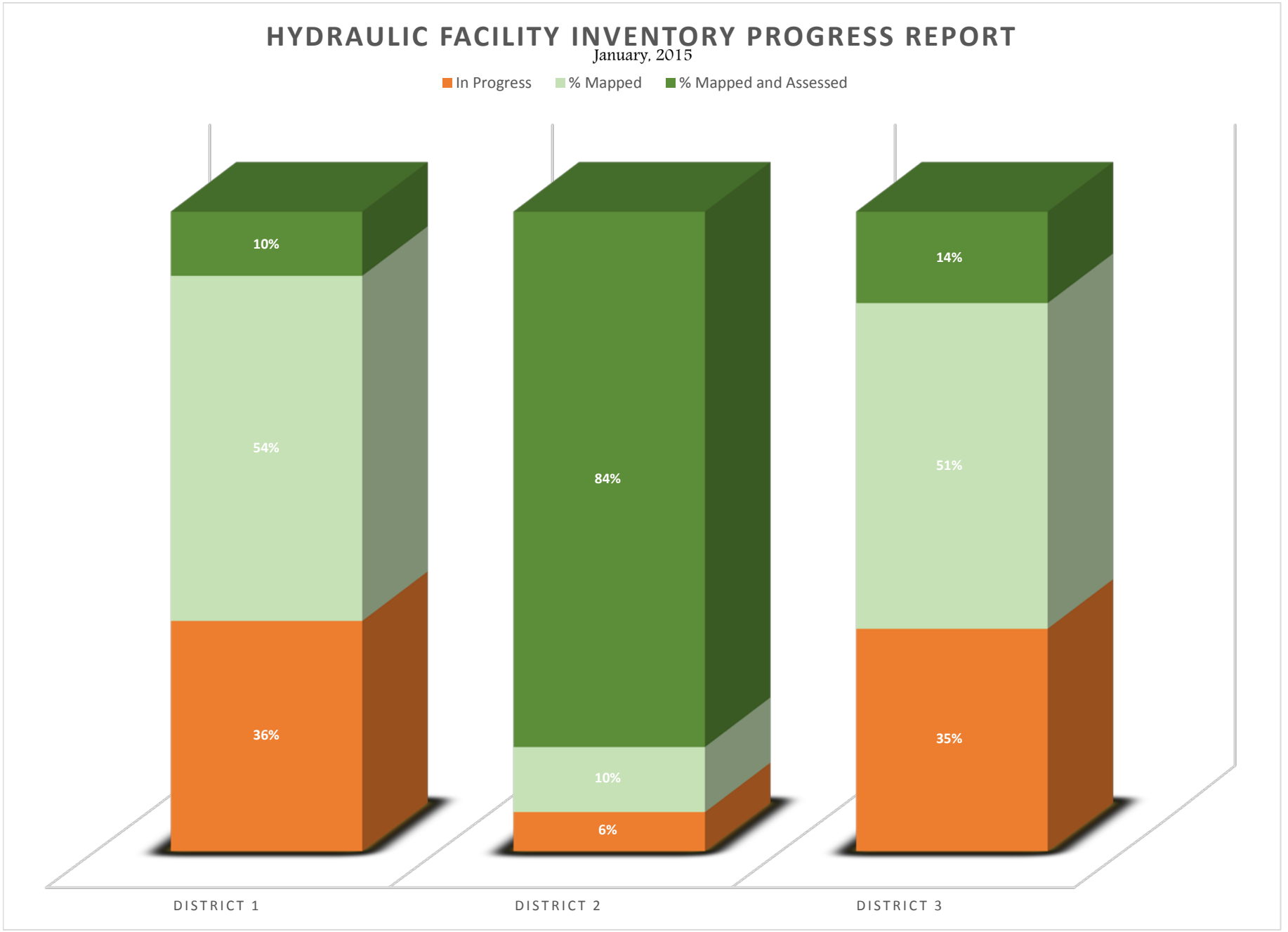
HYDRAULIC FACILITY INVENTORY PROGRESS REPORT

December, 2014



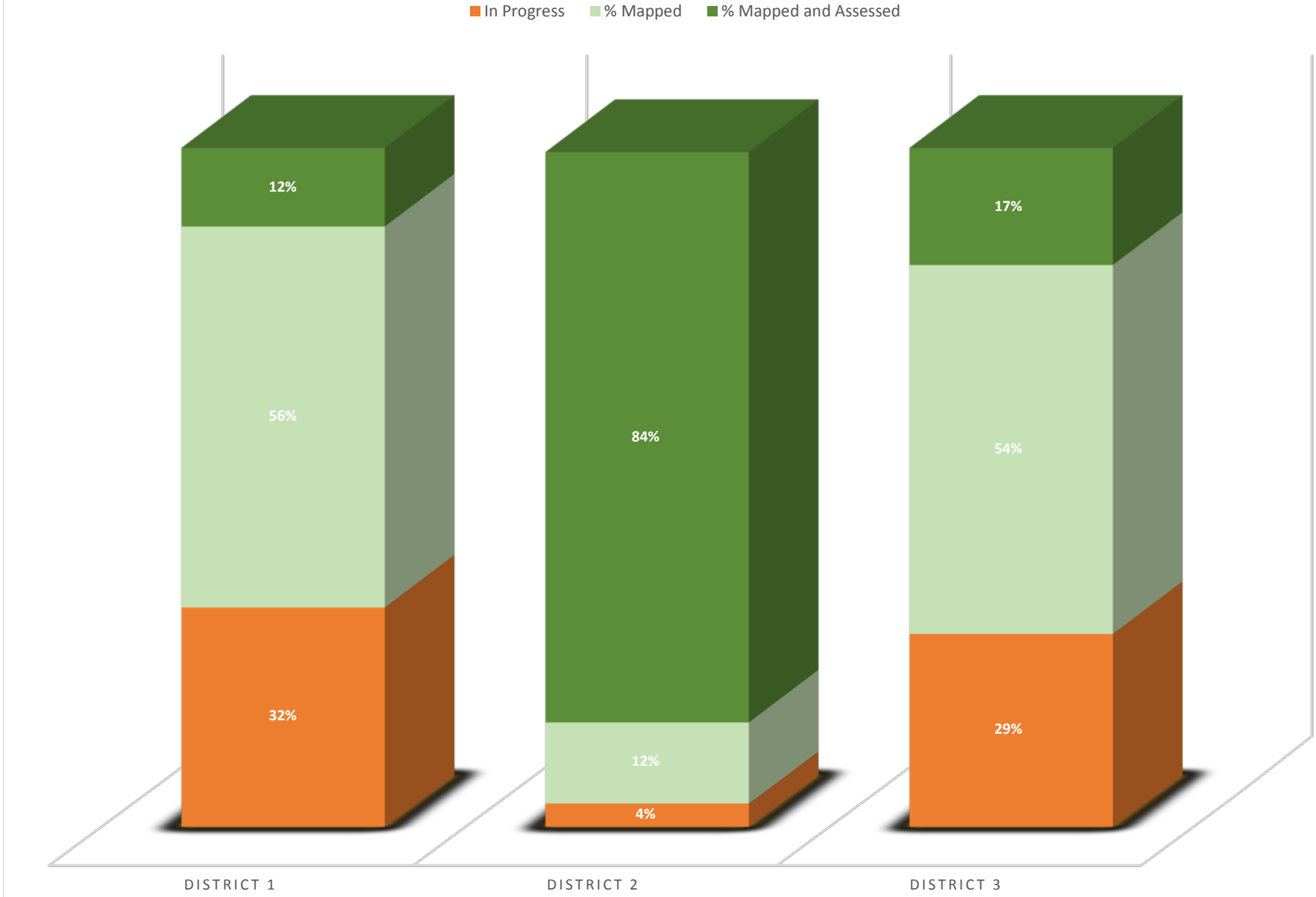
HYDRAULIC FACILITY INVENTORY PROGRESS REPORT

January, 2015



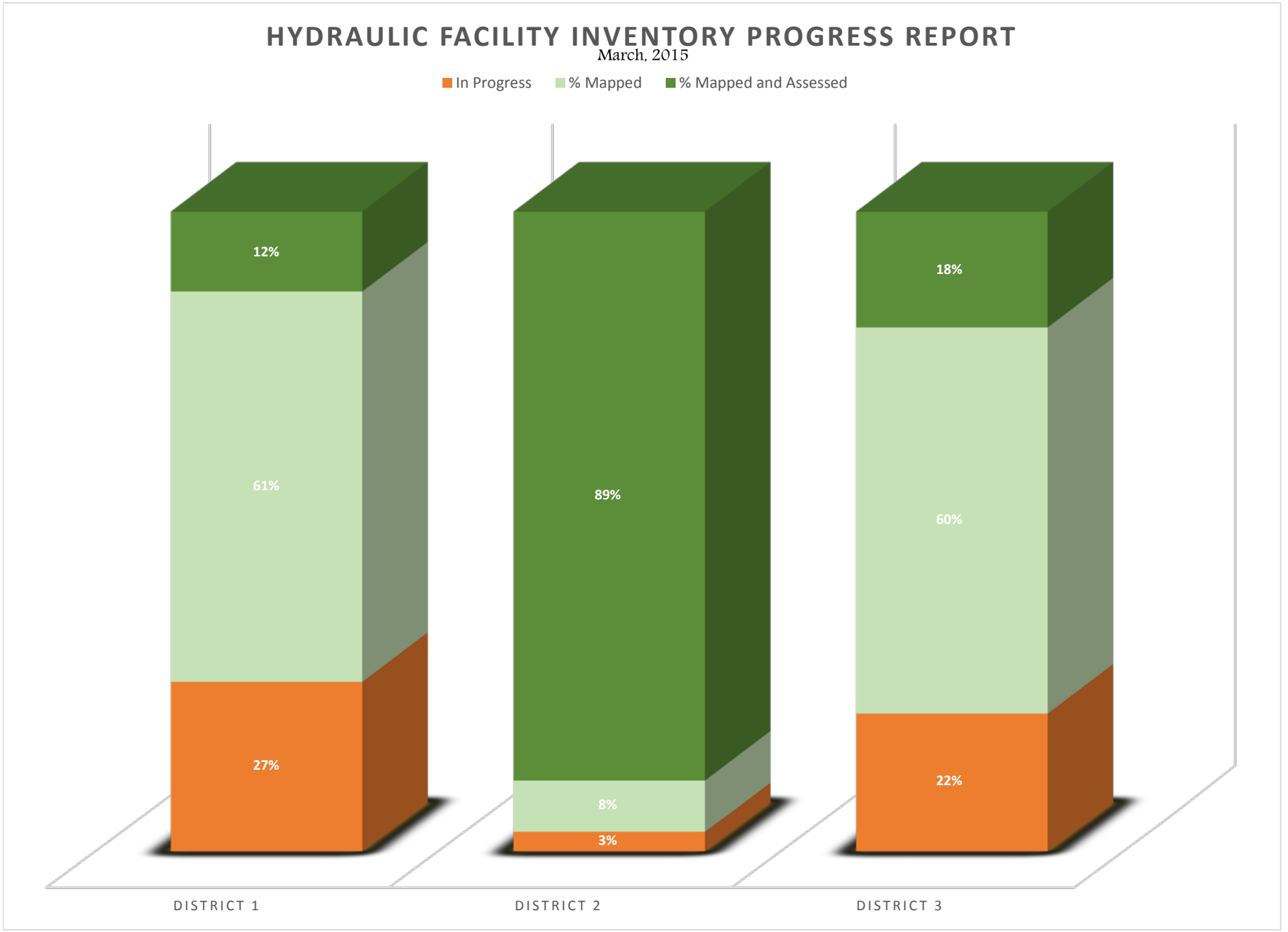
HYDRAULIC FACILITY INVENTORY PROGRESS REPORT

February, 2015



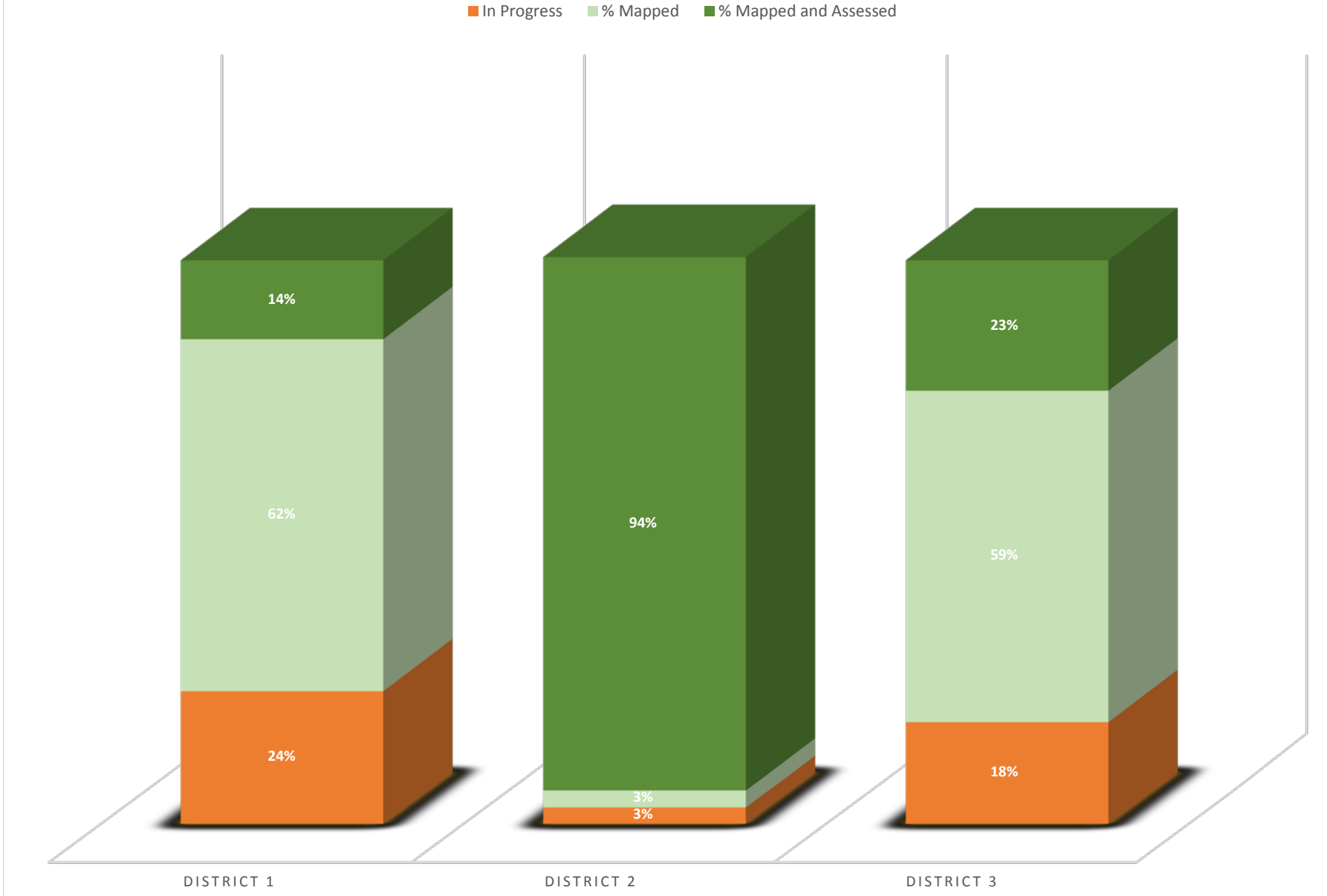
HYDRAULIC FACILITY INVENTORY PROGRESS REPORT

March, 2015



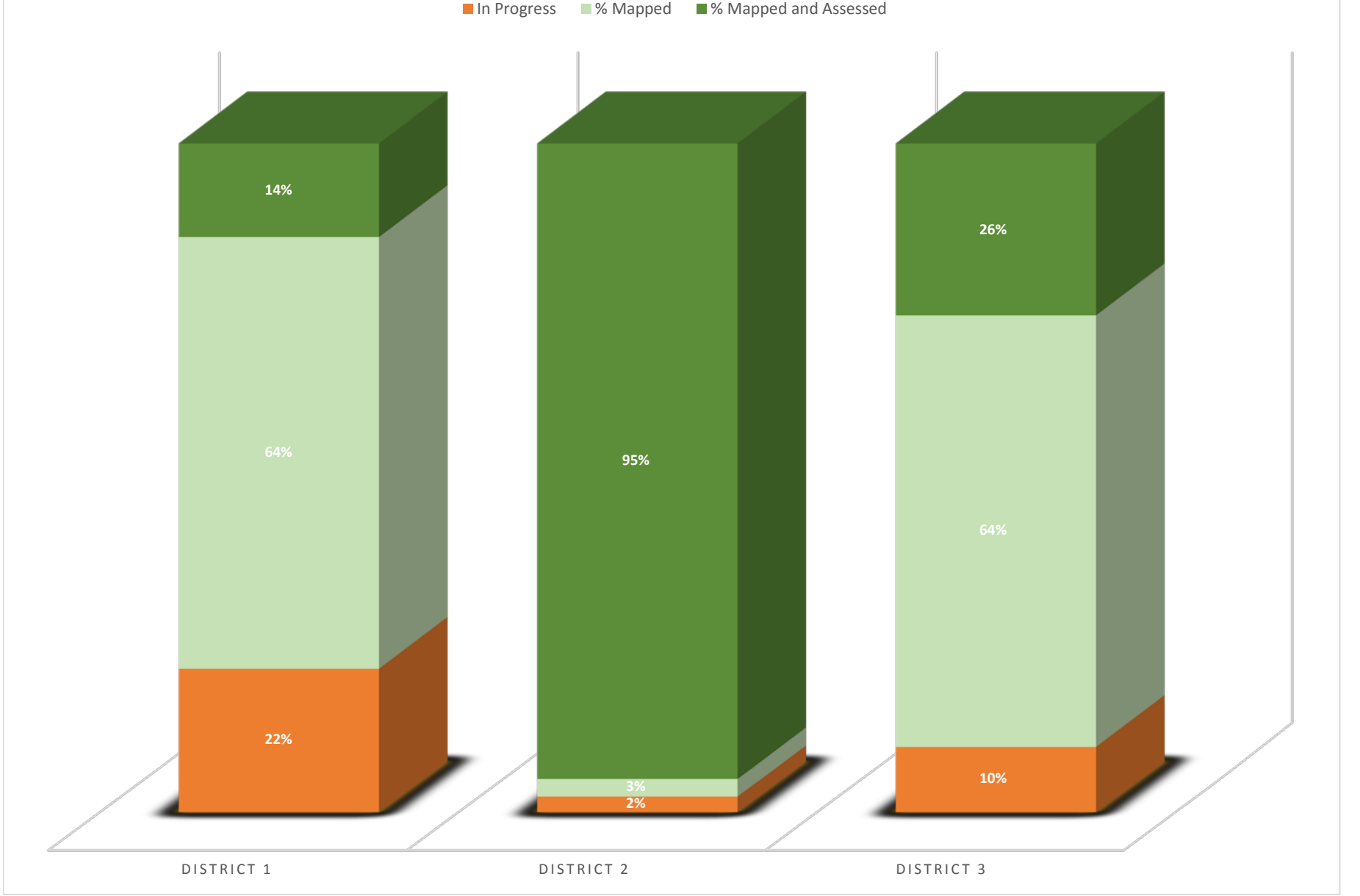
HYDRAULIC FACILITY INVENTORY PROGRESS REPORT

April, 2015



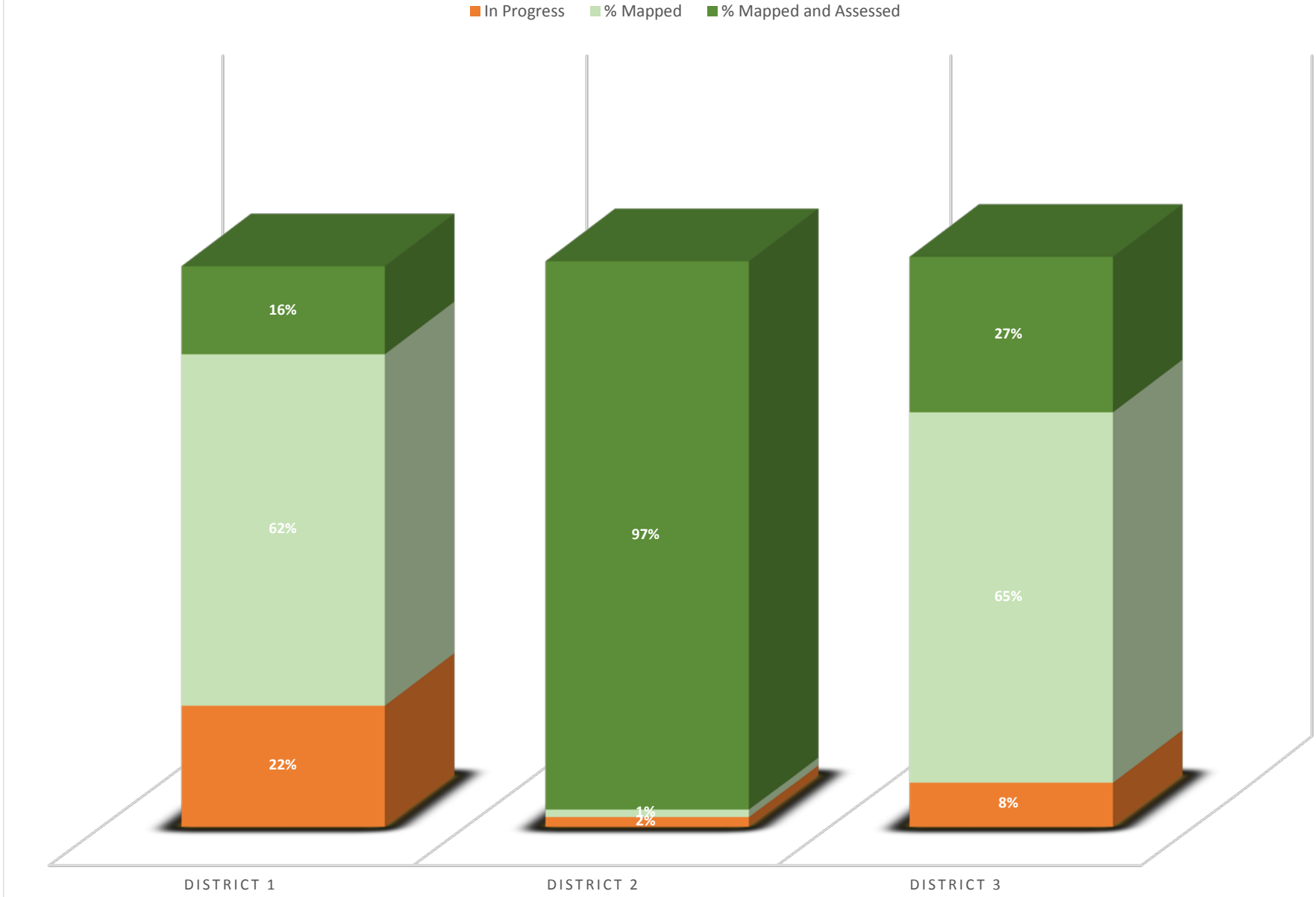
HYDRAULIC FACILITY INVENTORY PROGRESS REPORT

May, 2015

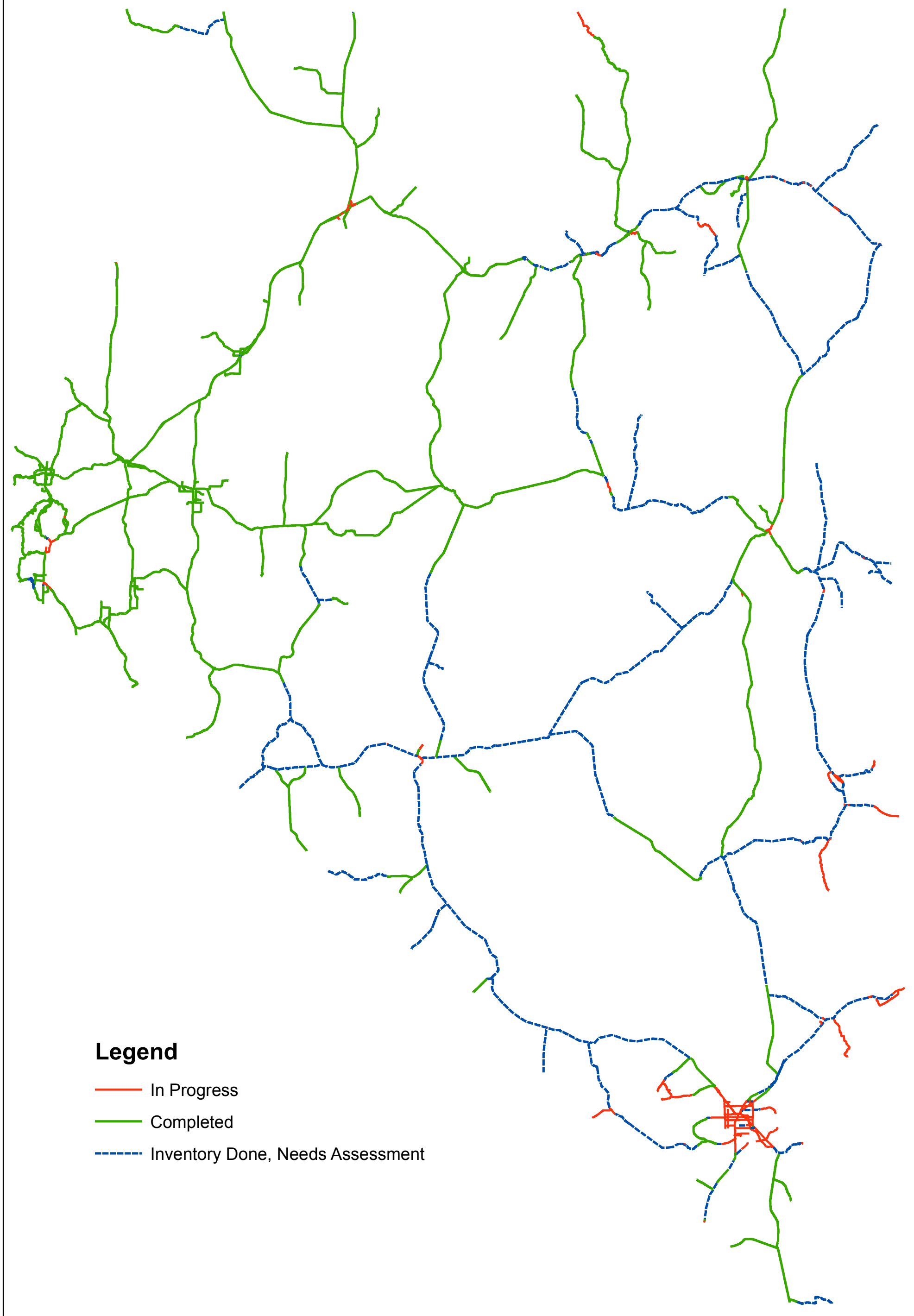


HYDRAULIC FACILITY INVENTORY PROGRESS REPORT

June, 2015



Statewide Hydraulic Facility Progress Map



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

I 80 Cooridor (SR 427 to US 95)
Lyon Co. MP 15.91 to Churchill Co. MP 16

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP13939	36			Circular
PIP13947	36			Circular
PIP13950	36			Circular
PIP13953	54			Circular
PIP13963	36			Circular
PIP13965	54			Circular
PIP13970	48			Circular
PIP13972	48			Circular
PIP13974	48			Circular
PIP13979		72	48	Box
PIP14221	48			Circular
PIP14236		72	60	Box
PIP14237		60	48	Box
PIP14238	36			Circular
PIP14239	36			Circular
PIP14240		96	72	Box
PIP14244		108	108	Box
PIP14246		58	36	Arch
PIP17973		72	60	Box
PIP17976		60	48	Box
PIP17985	36			Circular
PIP40662		72	48	Box
PIP40663		72	48	Box
PIP40665		72	72	Box
PIP40666		72	72	Box
PIP40668	36			Circular
PIP40669	36			Circular
PIP40670	36			Circular
PIP40671	36			Circular
PIP40672		58	36	Arch
PIP40673	36			Circular
PIP40674	36			Circular
PIP40675	36			Circular
PIP40676		72	48	Box
PIP40677		72	48	Box
PIP40680	36			Circular
PIP40681	36			Circular
PIN29546	36			Circular
PIN29547	36			Circular
PIN29549	36			Circular
PIN44245	36			Circular
PIN44246	36			Circular

STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

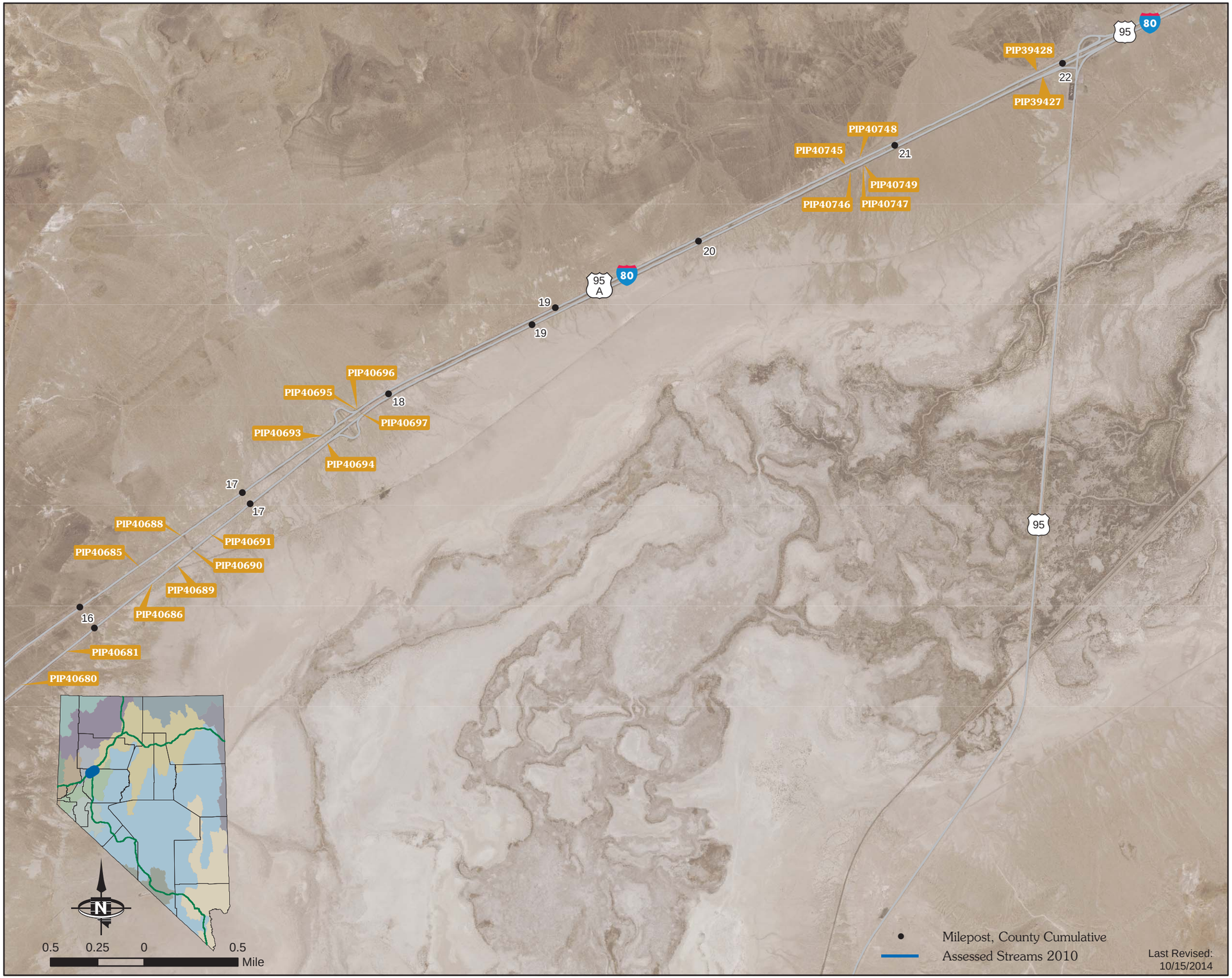
All Environmentally Reportable Facilities

I 80 Corridor (SR 427 to US 95)
Churchill Co. MP 16 to Churchill Co. MP 22

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP39427	60			Circular
PIP39428	60			Circular
PIP40680	36			Circular
PIP40681	36			Circular
PIP40685		120	48	Box
PIP40686		120	48	Box
PIP40688		72	48	Box
PIP40689	36			Circular
PIP40690		72	48	Box
PIP40691	36			Circular
PIP40693		48	36	Box
PIP40694		48	36	Box
PIP40695	24			Circular
PIP40696	24			Circular
PIP40697	36			Circular
PIP40745	36			Circular
PIP40746	36			Circular
PIP40747	72			Circular
PIP40748	72			Circular
PIP40749	72			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

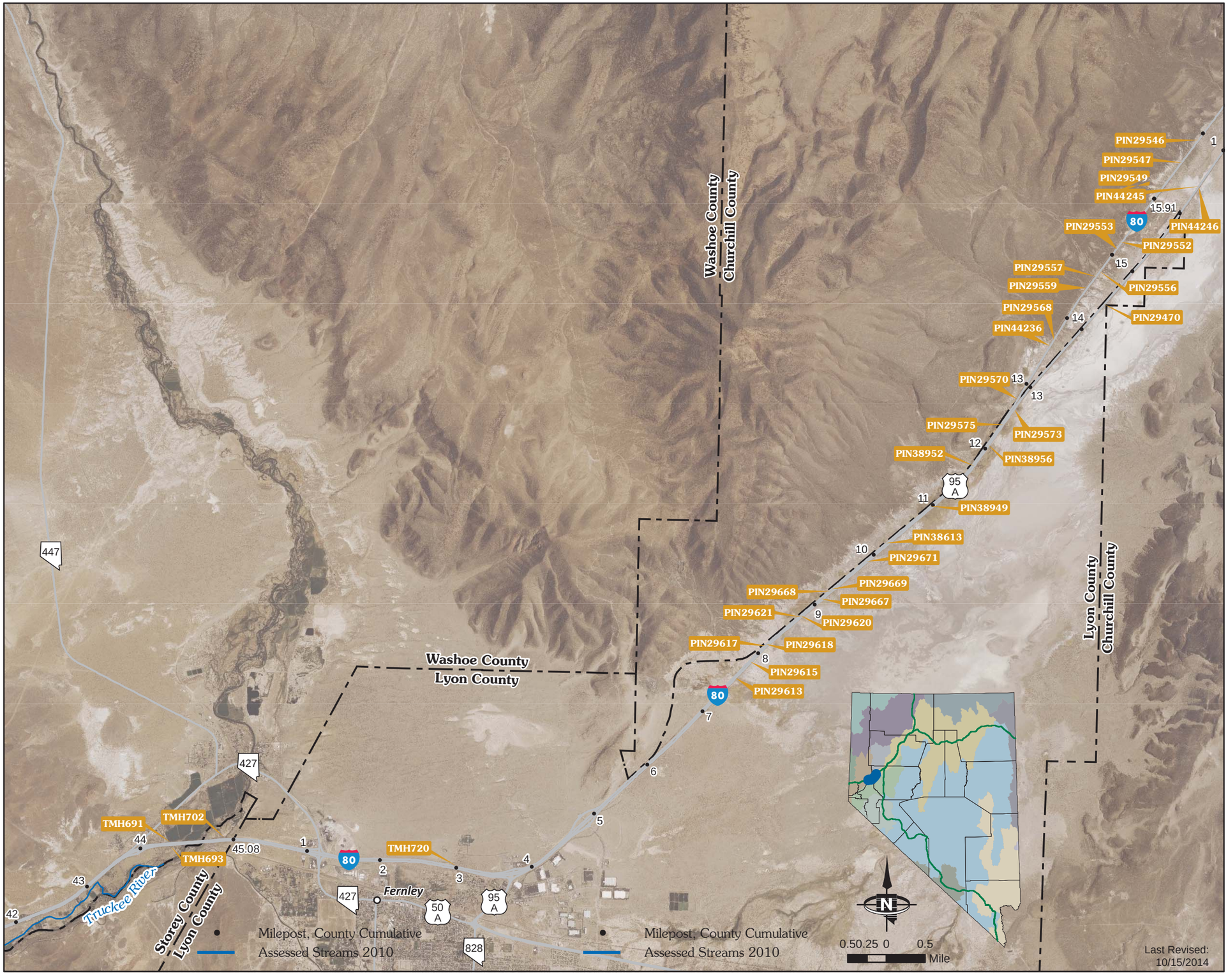
All Environmentally Reportable Facilities

I 80 Cooridor (SR 427 to US 95)
Storey Co. MP 42 to Churchill Co. MP 1

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
TMH691	48	NA	NA	Circular
TMH693	48	NA	NA	Circular
TMH720		59	36	Arch
TMH702	36	NA	NA	Circular
PIN29470	36			Circular
PIN29546	36			Circular
PIN29547	36			Circular
PIN29549	36			Circular
PIN29552	36			Circular
PIN29553	36			Circular
PIN29556	36			Circular
PIN29557		60	48	Box
PIN29559		72	48	Box
PIN29568	36			Circular
PIN29570		38	24	Elliptical
PIN29573		38	24	Elliptical
PIN29575		39	24	Elliptical
PIN29613		38	24	Elliptical
PIN29615		38	24	Elliptical
PIN29617		45	29	Elliptical
PIN29618	36			Circular
PIN29620	36			Circular
PIN29621		45	29	Elliptical
PIN29667		38	24	Elliptical
PIN29668		38	24	Elliptical
PIN29669	36			Circular
PIN29671		38	24	Elliptical
PIN38613	36			Circular
PIN38949		45	29	Elliptical
PIN38952	36			Circular
PIN38956		38	24	Elliptical
PIN44236	36			Circular
PIN44245	36			Circular
PIN44246	36			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

I-80 Corridor (MP 11 to MP 16)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIPS23858	0	142	60	Box
PIPS23869				Box
PIPS23876	36			Circular
PIPS23877	42			Circular
PIPS23914				
PIPS23923	18			Circular
PIPS23929	24			Circular
PIPS23941	54			Circular
PIPS23943	18			Circular
PIPS23944				Other (see notes)
PIPS23962	36			Circular
PIPS23963	42			Circular
PIPS23964	36			Circular
PIPS23973	0	76	48	Elliptical
PIPS23974	48			Circular
PIPS24043				
PIPS24049				Circular
PIPS24052	42			Circular
PIPS24060				
PIP28079	42			Circular
PIP28097	42			Circular
PIP28098	42			Circular
PIP28101	84			Circular
PIP28131	36			Circular
PIP28144	48			Circular
PIP28172	42			Circular
PIP28180	42			Circular
PIP28202	18			Circular
PIP28482		144	36	Box
PIP28483	42			Circular
PIP28484	60			Circular
PIP28485		144	36	Box
PIP28486				Box
PIP28496	48			Circular
PIP28505	54			Circular
PIPS26309	12			Circular
PIPS26310	12			Circular

STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

I-80 Corridor (MP 16 to Vista Blvd)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIPS23907		60	48	Box
PIPS23908		60	48	Box
PIPS23909		60	48	Box
PIPS23911	72			Circular
PIPS23912	72			Circular
PIPS23973	0	76	48	Elliptical
PIPS23980	54			Circular
PIPS23986	54			Circular
PIPS23996		96	96	Box
PIPS23997		72	72	Box
PIPS23998		72	72	Box
PIPS23999	72			Circular
PIPS24005	60			Circular
PIPS24008	72			Circular
PIPS24012	36			Circular
PIPS24029	36			Circular
PIPS24032	36			Circular
PIPS24033	36			Circular
PIPS24040	36			Circular
PIPS24041				Circular
PIPS24042	48			Circular
PIP29797	48			Circular
PIP29830	36			Circular
PIP30215	36			Circular
PIP31334	48			Circular
PIP31335	48			Circular
PIP31336		76	48	Elliptical
PIP31340	48			Circular
PIP31343	36			Circular
PIP31362	36			Circular
PIP31364	36			Circular
PIP31755	48			Circular
PIP31783	36			Circular
PIP31791		48	96	Box
PIP31796	36			Circular
PIP34876	36			Circular
PIP34886	36			Circular
PIP34893	48			Circular

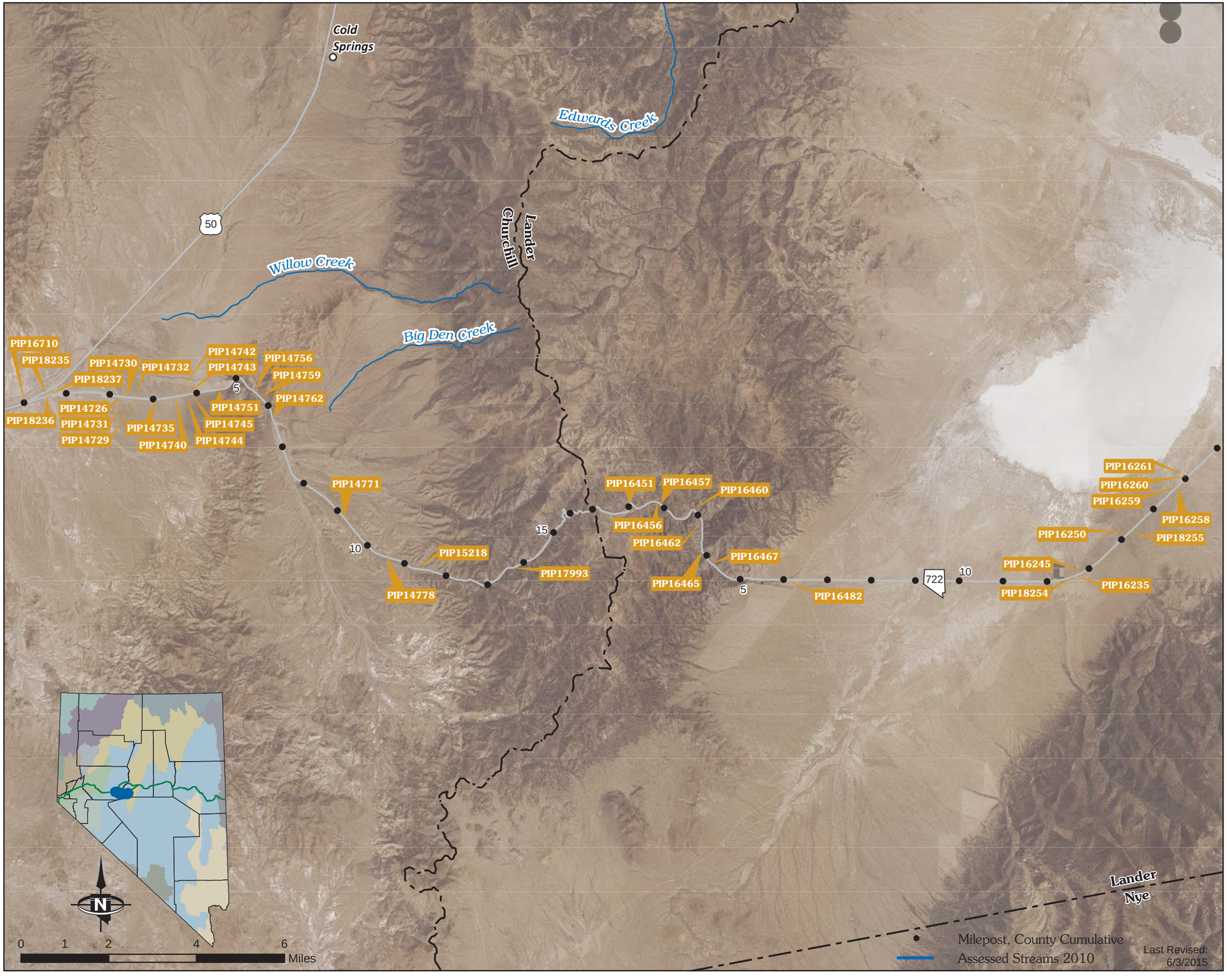
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 722 Corridor (US 50 to MP LA 16)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP14726	36			Circular
PIP14729	36			Circular
PIP14730	30			Circular
PIP14731	30			Circular
PIP14732	36			Circular
PIP14735	36			Circular
PIP14740	36			Circular
PIP14742	36			Circular
PIP14743	18			Circular
PIP14744	18			Circular
PIP14745	36			Circular
PIP14751	36			Circular
PIP14756	36			Circular
PIP14759	36			Circular
PIP14762		48	48	Box
PIP14771	36			Circular
PIP14778	36			Circular
PIP15218		72	36	Box
PIP16235	24			Circular
PIP16245	36			Circular
PIP16250	24			Circular
PIP16258	24			Circular
PIP16259	24			Circular
PIP16260	24			Circular
PIP16261	24			Circular
PIP16451		72	48	Box
PIP16456		48	48	Box
PIP16457		84	84	Box
PIP16460		96	72	Box
PIP16462		84	84	Box
PIP16465		96	84	Box
PIP16467		120	120	Box
PIP16482		96	84	Box
PIP16710		48	29	Arch
PIP17993		48	48	Box
PIP18235	24			Circular
PIP18236	24			Circular
PIP18237	24			Circular
PIP18254	24			Circular
PIP18255	24			Circular



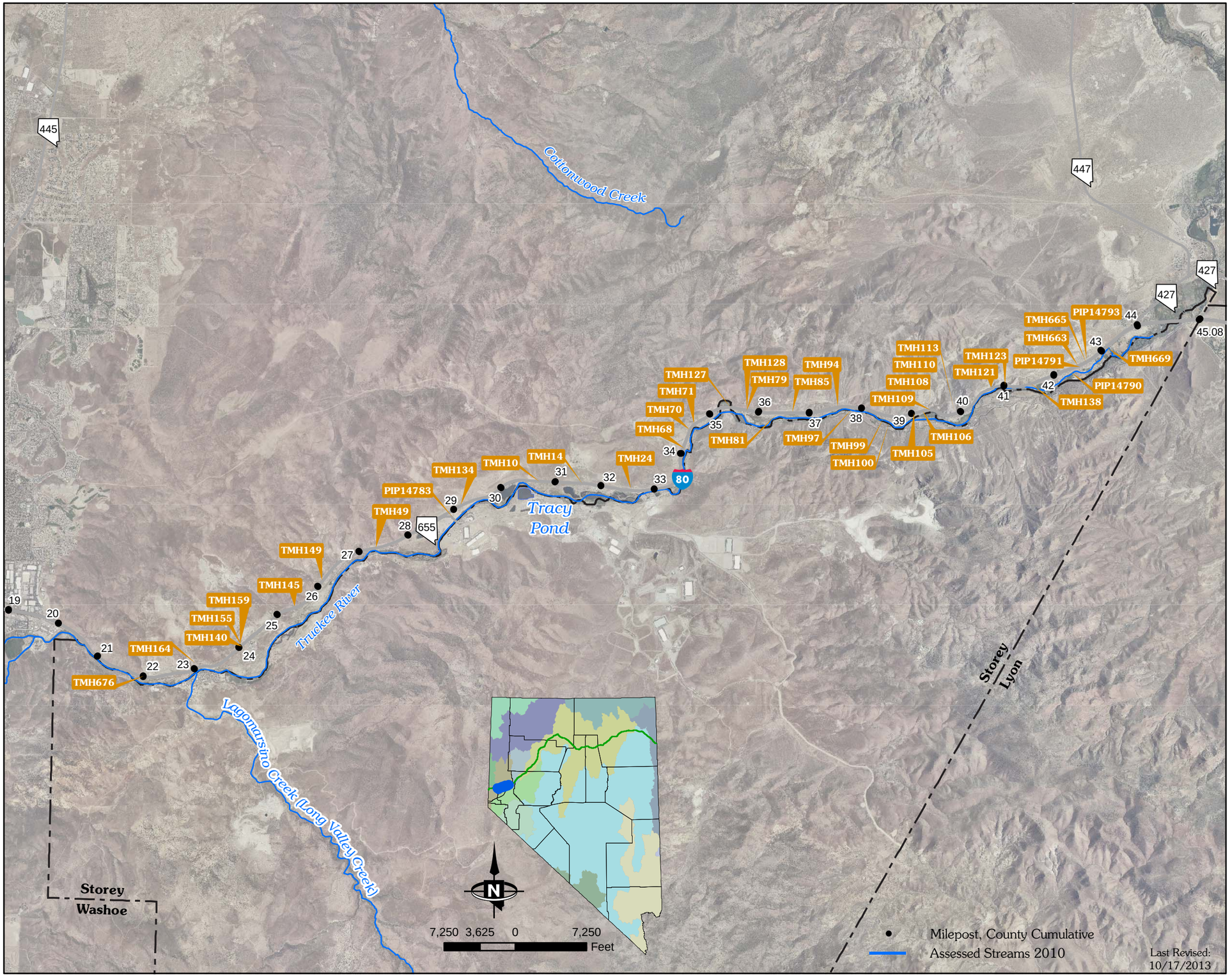
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

I 80 Corridor (Vista Blvd to SR 427)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
TMH10		96	48	Box
TMH14		48	36	Box
TMH24	54			Circular
TMH49	36			Circular
TMH68	36			Circular
TMH70	36			Circular
TMH71	72			Circular
TMH79		72	60	Box
TMH81	36			Circular
TMH85		120	84	Box
TMH94	48			Circular
TMH97		72	48	Box
TMH99	60			Circular
TMH100	48			Circular
TMH105	36			Circular
TMH106	36			Circular
TMH108		96	96	Box
TMH109	30			Circular
TMH110	36			Circular
TMH113		120	60	Box
TMH121	36			Circular
TMH123	36			Circular
TMH127	48			Circular
TMH128		72	60	Box
TMH140		43	27	Arch
TMH145	48			Circular
TMH149		72	60	Box
TMH134	36			Circular
TMH138	48			Circular
TMH155	36			Circular
TMH159		43	27	Arch
TMH669	36			Circular
TMH164		36	36	Box
TMH676	48			Circular
TMH663	36			Circular
TMH665	36			Circular
PIP14793	36			Circular
PIP14790		36	36	Box
PIP14791		42	24	Box
PIP14783	36			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

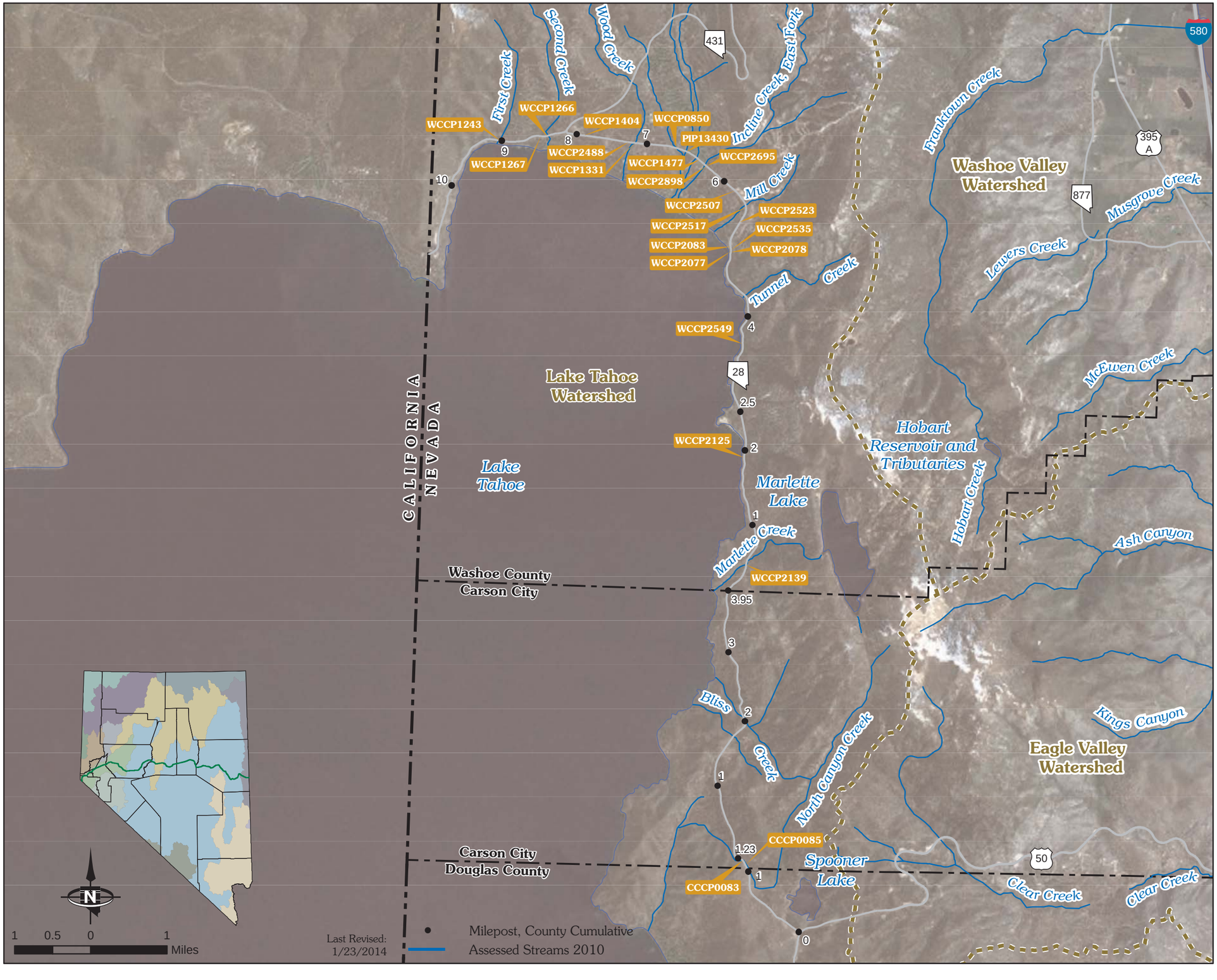
All Environmentally Reportable Facilities

SR 28 Corridor (Within Lake Tahoe Watershed)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
CCCP0085	0	58	36	Arch
CCCP0083	0	58	36	Arch
WCCP0850	48	0	0	Circular
PIP13430	0	60	60	Box
WCCP1477	60	0	0	Circular
WCCP2695	60	0	0	Circular
WCCP2898	60	0	0	Circular
WCCP2507	0	23	14	Elliptical
WCCP2517	48	0	0	Circular
WCCP2523	36	0	0	Circular
WCCP2488	0	23	14	Elliptical
WCCP1331	0	68	36	Elliptical
WCCP1243	0	60	60	Box
WCCP1267	0	84	60	Box
WCCP1266	36	0	0	Circular
WCCP1404	36	0	0	Circular
WCCP2083	36	0	0	Circular
WCCP2535	36	0	0	Circular
WCCP2077	36	0	0	Circular
WCCP2078	36	0	0	Circular
WCCP2549	0	72	36	Box
WCCP2139	0	96	72	Box
WCCP2125	36	0	0	Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

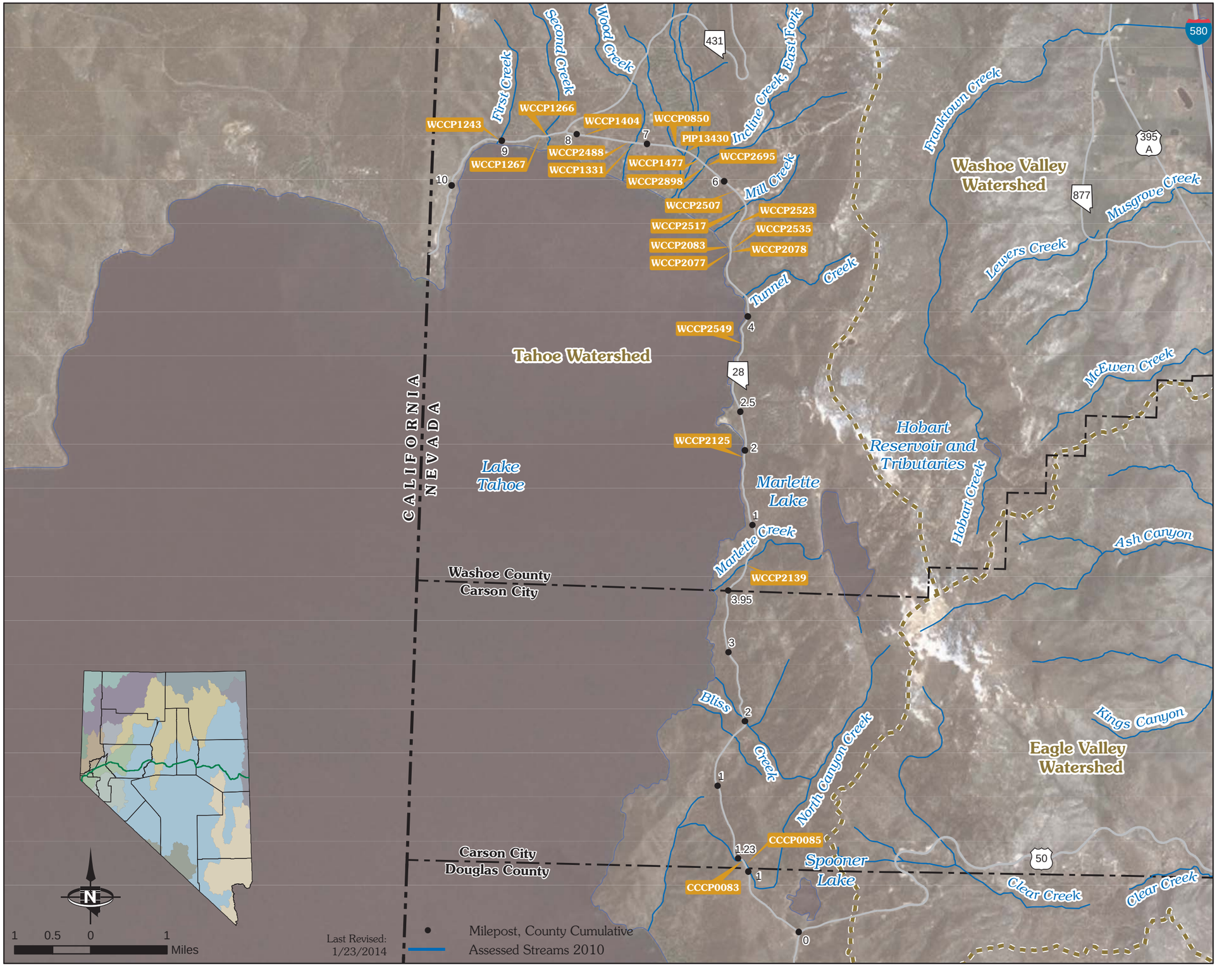
All Environmentally Reportable Facilities

SR 28 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
CCCP0085	0	58	36	Arch
CCCP0083	0	58	36	Arch
WCCP0850	48	0	0	Circular
PIP13430	0	60	60	Box
WCCP1477	60	0	0	Circular
WCCP2695	60	0	0	Circular
WCCP2898	60	0	0	Circular
WCCP2507	0	23	14	Elliptical
WCCP2517	48	0	0	Circular
WCCP2523	36	0	0	Circular
WCCP2488	0	23	14	Elliptical
WCCP1331	0	68	36	Elliptical
WCCP1243	0	60	60	Box
WCCP1267	0	84	60	Box
WCCP1266	36	0	0	Circular
WCCP1404	36	0	0	Circular
WCCP2083	36	0	0	Circular
WCCP2535	36	0	0	Circular
WCCP2077	36	0	0	Circular
WCCP2078	36	0	0	Circular
WCCP2549	0	72	36	Box
WCCP2139	0	96	72	Box
WCCP2125	36	0	0	Circular



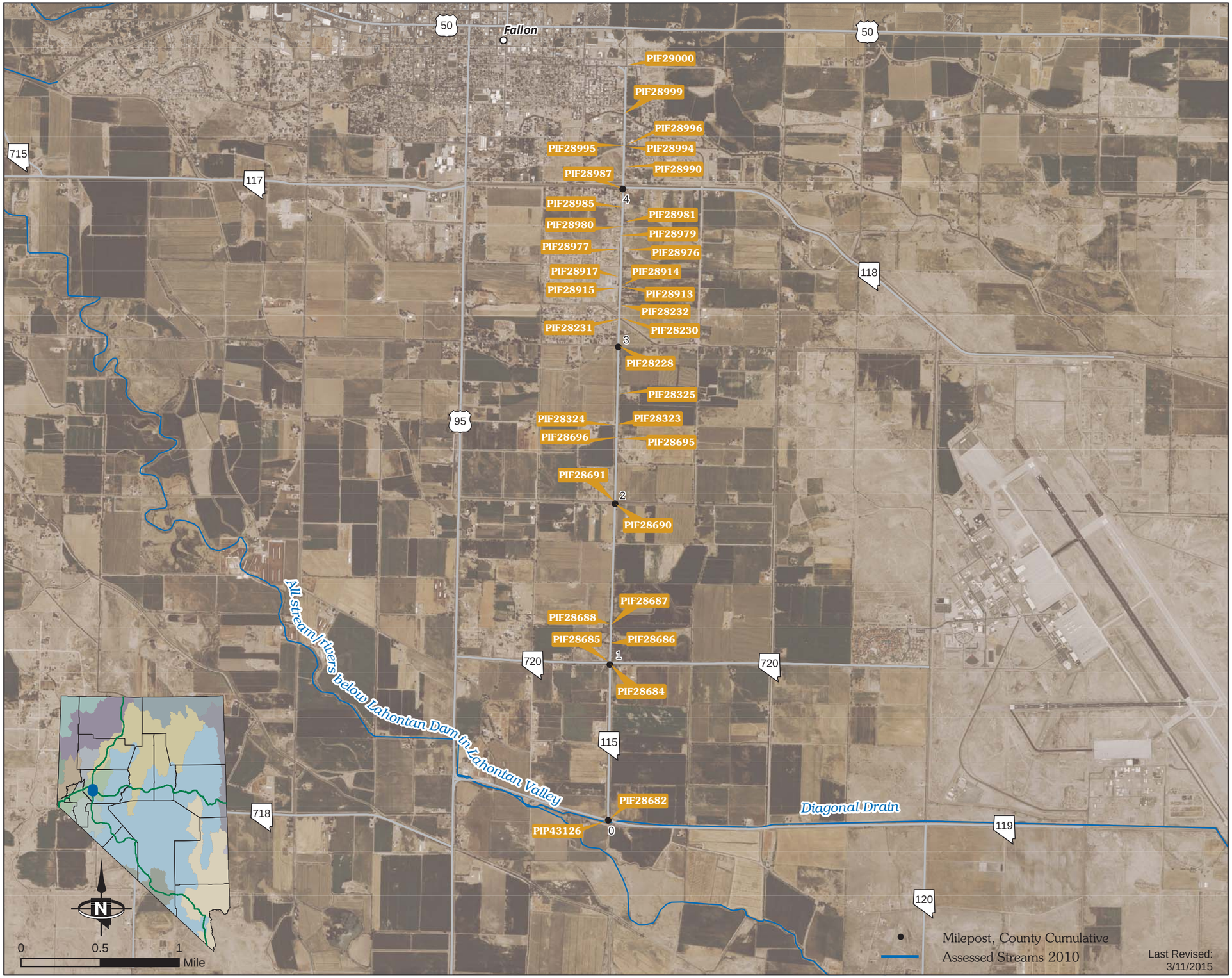
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 115 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP43126	36			Circular
PIF28228		72	36	Box
PIF28230	36			Circular
PIF28231		48	24	Box
PIF28232		60	36	Box
PIF28323		60	36	Box
PIF28324	36			Circular
PIF28325		60	48	Box
PIF28682		43	27	Arch
PIF28684		96	36	Box
PIF28685		60	36	Box
PIF28686		60	36	Box
PIF28687		60	36	Box
PIF28688	42			Circular
PIF28690		72	36	Box
PIF28691		36	24	Box
PIF28695		60	48	Box
PIF28696		60	42	Box
PIF28913		60	42	Box
PIF28914	48			Circular
PIF28915	36			Circular
PIF28917	36			Circular
PIF28976	48			Circular
PIF28977	36			Circular
PIF28979	36			Circular
PIF28980		60	36	Box
PIF28981		60	36	Box
PIF28985		60	48	Box
PIF28987		60	36	Box
PIF28990	36			Circular
PIF28994		72	36	Box
PIF28995	36			Circular
PIF28996	36			Circular
PIF28999				Box
PIF29000		36	30	Box



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

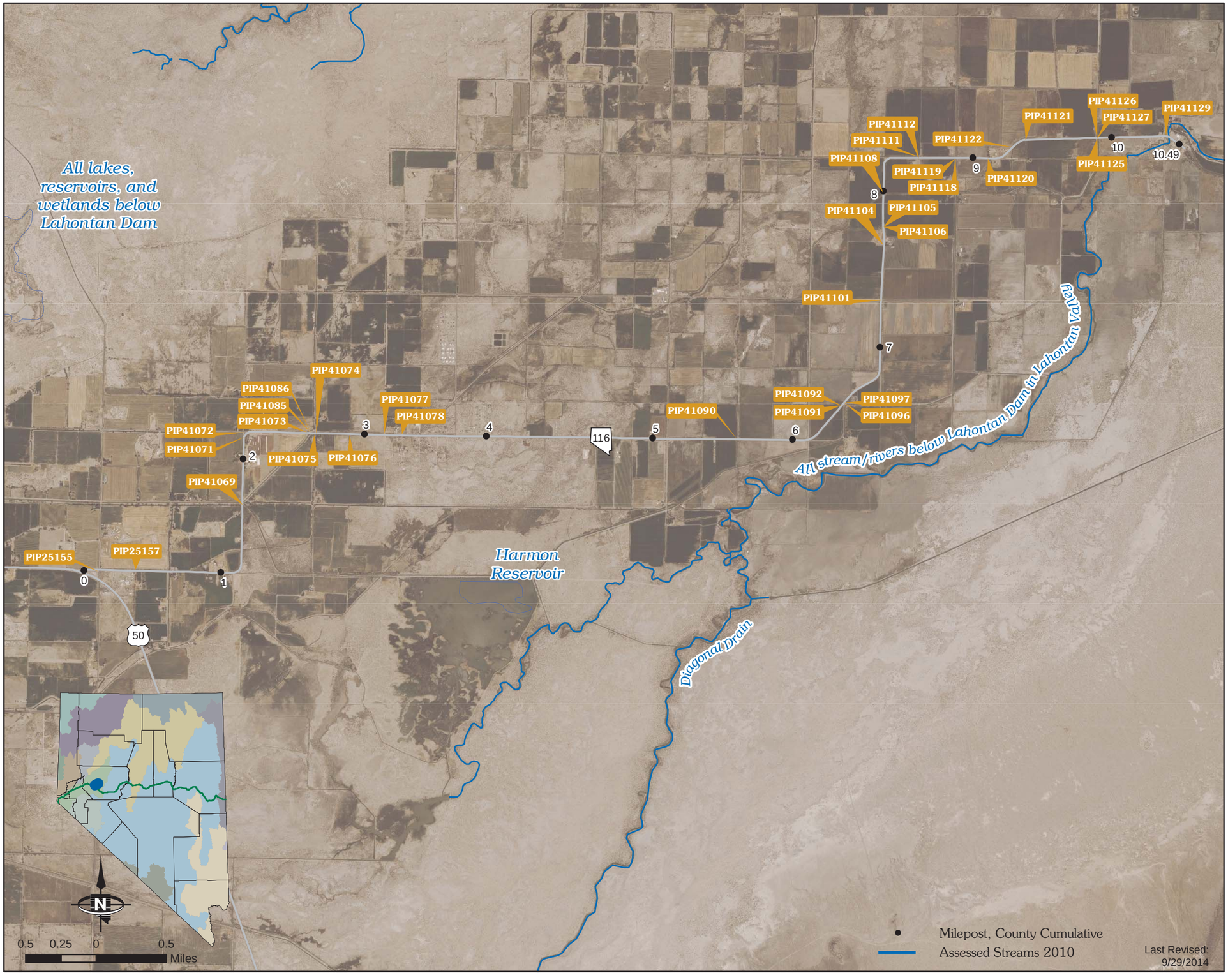
All Environmentally Reportable Facilities

SR 116 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP25155	36			Circular
PIP25157	36			Circular
PIP41069	54			Circular
PIP41071		72	54	Box
PIP41072		108	48	Box
PIP41073	36			Circular
PIP41087		60	48	Box
PIP41077		144	48	Box
PIP41078		120	48	Box
PIP41085		96	60	Box
PIP41086		96	60	Box
PIP41075		96	60	Box
PIP41090		96	60	Box
PIP41091	24			Circular
PIP41092	24			Circular
PIP41096	18			Circular
PIP41097	18			Circular
PIP41101		72	36	Box
PIP41104		45	29	Elliptical
PIP41105		44	29	Elliptical
PIP41106		48	24	Box
PIP41108		48	36	Box
PIP41111		48	42	Box
PIP41112	36			Circular
PIP41118		96	48	Box
PIP41119		96	48	Box
PIP41120		48	24	Box
PIP41121		72	48	Box
PIP41122		72	36	Box
PIP41125		96	60	Box
PIP41126		96	60	Box
PIP41127		96	60	Box
PIP41129	60			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

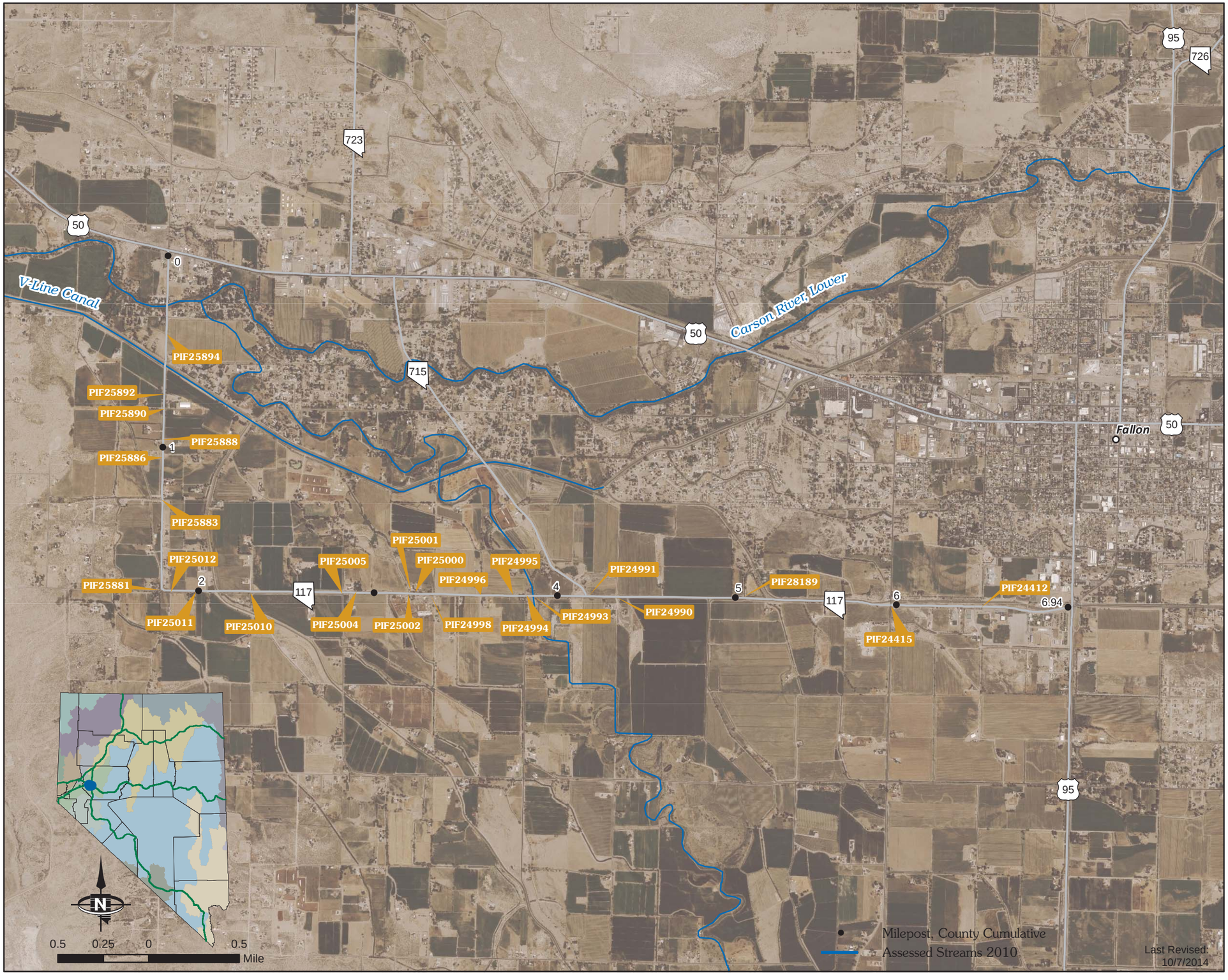
All Environmentally Reportable Facilities

SR 117 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIF24412		36	36	Box
PIF24415		60	36	Box
PIF24990		52	30	Arch
PIF24991		60	36	Box
PIF24993	42			Circular
PIF24994		72	42	Arch
PIF24995	42			Circular
PIF24996		60	36	Box
PIF24998		45	30	Box
PIF25000		72	36	Box
PIF25001		60	42	Box
PIF25002		48	30	Box
PIF25004	36			Circular
PIF25005		48	30	Box
PIF25010	48			Circular
PIF25011	36			Circular
PIF25012	36			Circular
PIF25881		60	30	Box
PIF25883		72	36	Box
PIF25886		48	30	Box
PIF25888	36			Circular
PIF25890		60	42	Arch
PIF25892		60	36	Box
PIF25894		72	36	Box
PIF28189		288	48	Box



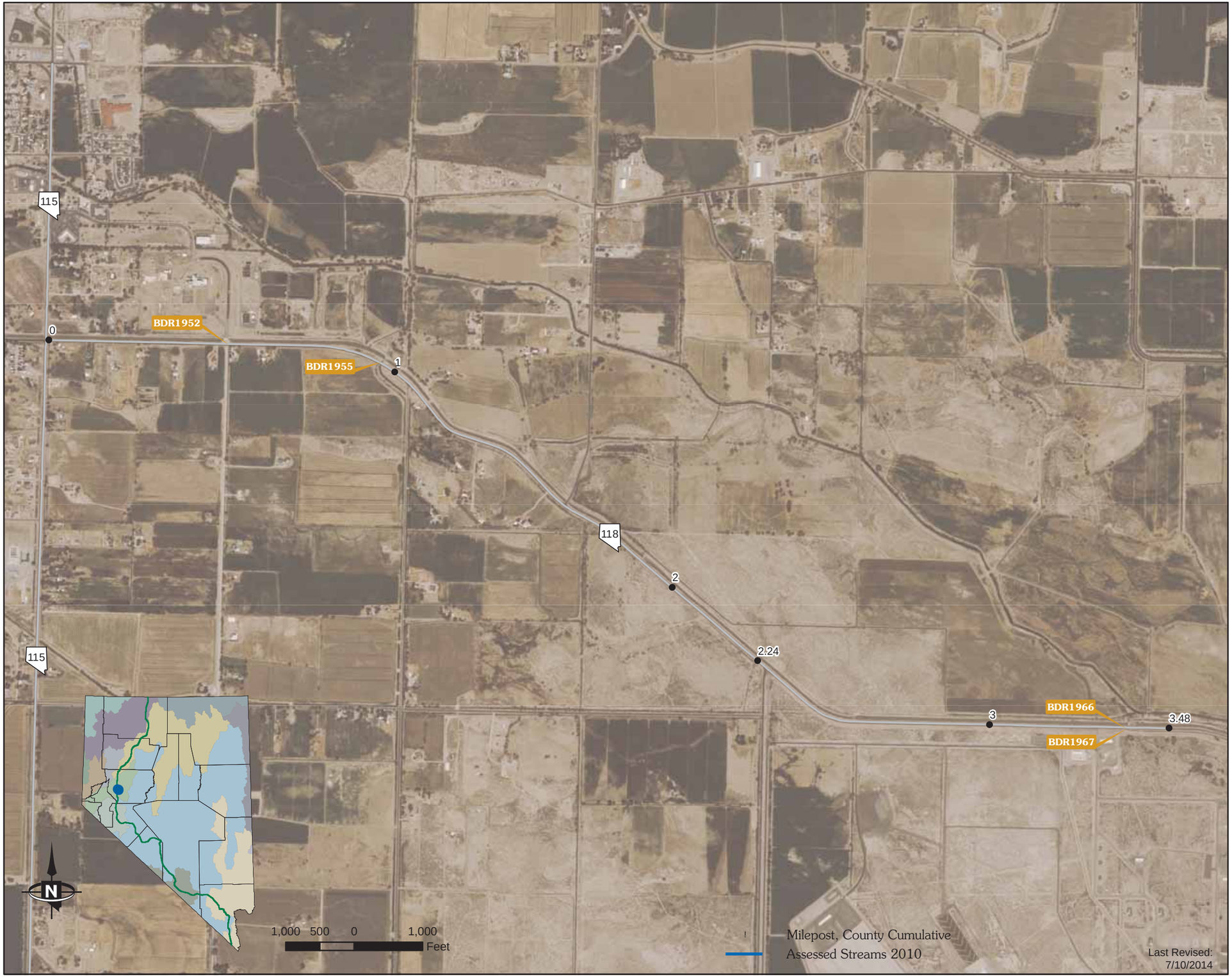
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 118 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR1952		60	36	Box
BDR1955		120	60	Box
BDR1966		96	60	Box
BDR1967		96	60	Box



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

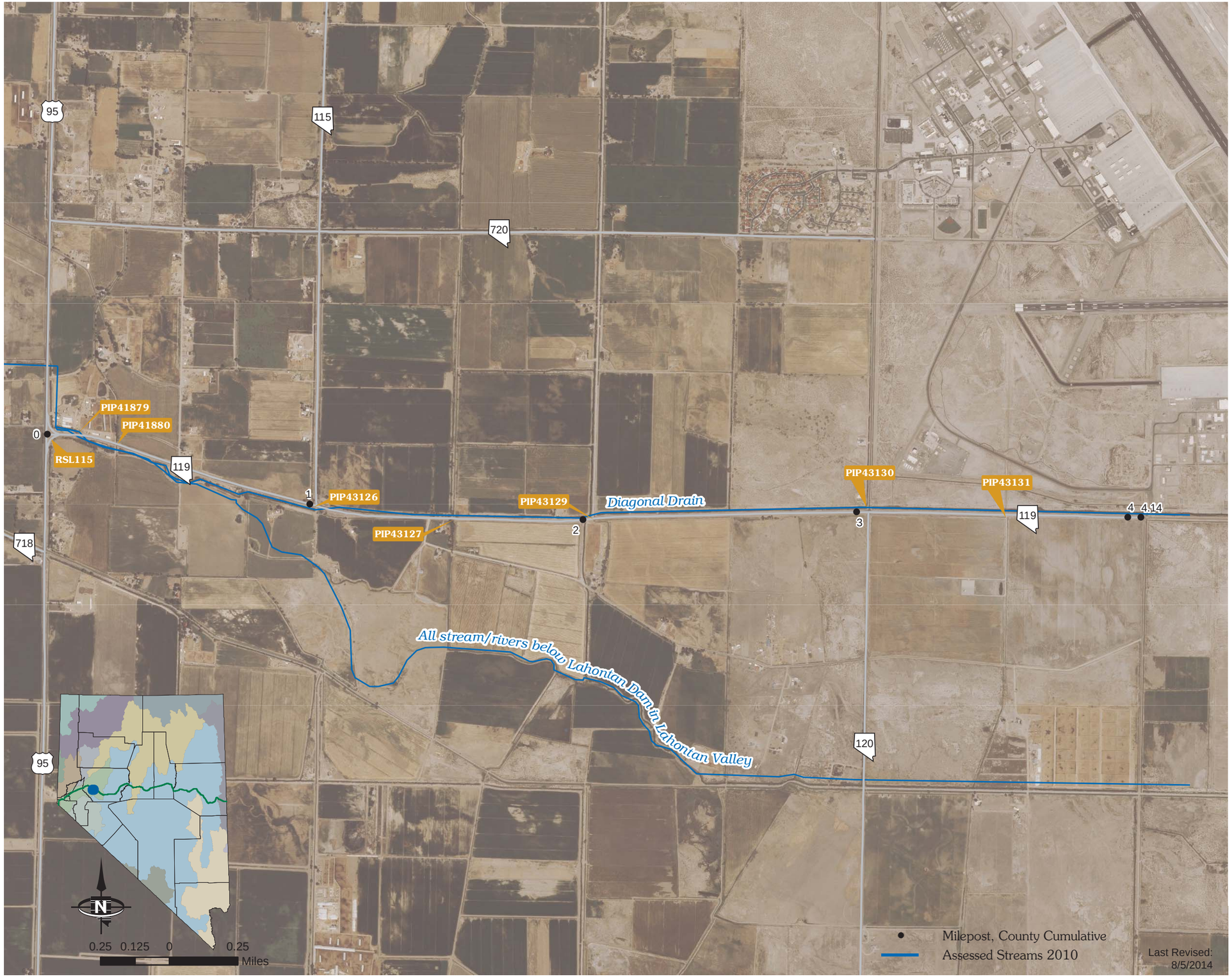
All Environmentally Reportable Facilities

SR 119 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
RSL115		72	44	Arch
PIP41879	48			Circular
PIP41880		54	48	Box
PIP43126	36			Circular
PIP43127		72	54	Box
PIP43129		96	48	Box
PIP43130	96			Circular
PIP43131		54	48	Box



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

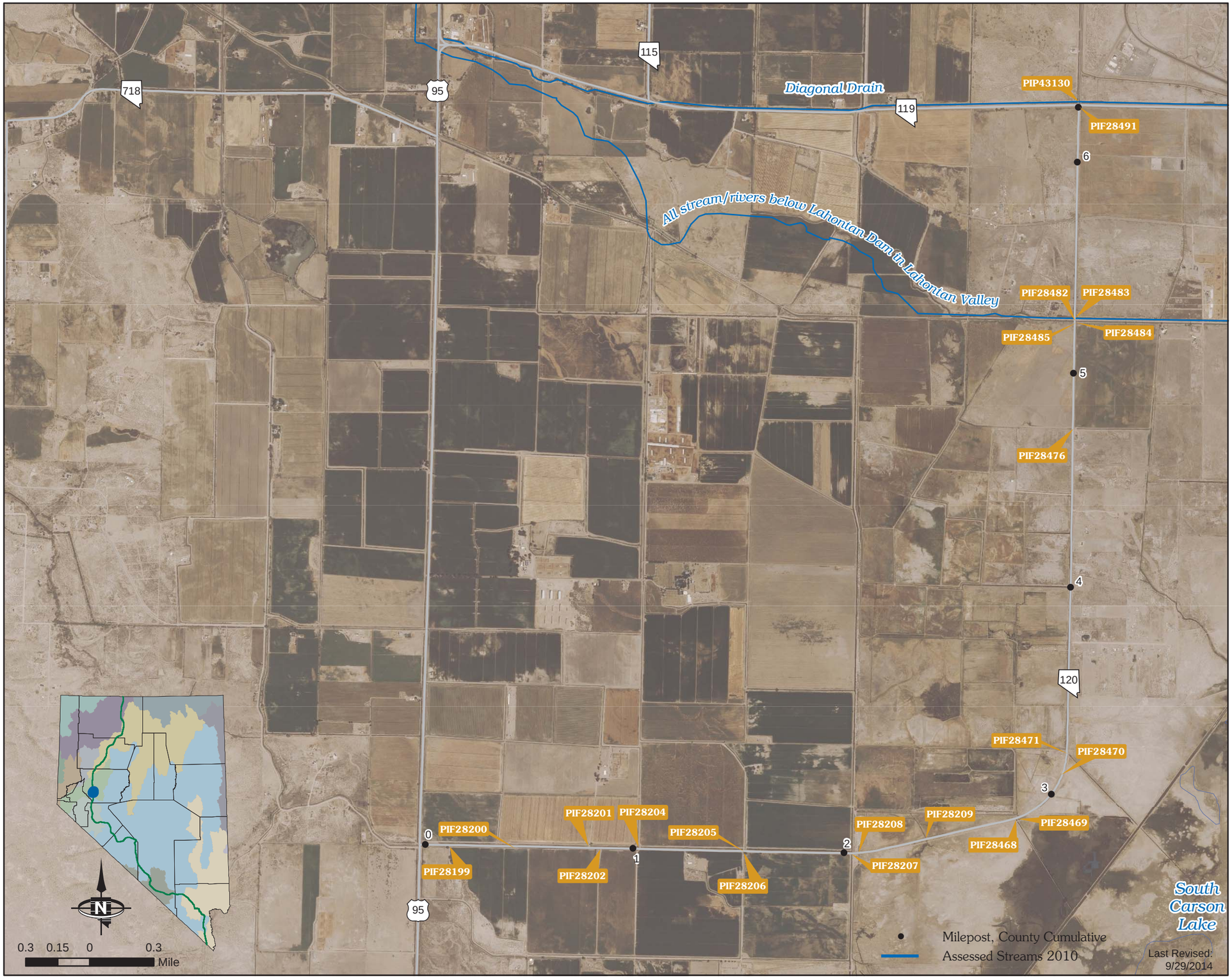
All Environmentally Reportable Facilities

SR 120 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP43130	96			Circular
PIF28199		72	60	Box
PIF28200		24	12	Box
PIF28201	60			Circular
PIF28202		96	48	Box
PIF28204	48			Circular
PIF28205		60	36	Box
PIF28206	36			Circular
PIF28207		96	60	Box
PIF28208		60	38	Elliptical
PIF28209		58	36	Arch
PIF28468		45	29	Elliptical
PIF28469		38	24	Elliptical
PIF28470		30	19	Elliptical
PIF28471		32	18	Arch
PIF28476		36	22	Arch
PIF28482		96	48	Box
PIF28483	42			Circular
PIF28484	36			Circular
PIF28485	36			Circular
PIF28491		72	44	Arch



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 121 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR91				Circular
PIP17874	24			Circular
PIP17880				Circular
PIP17881				Circular
PIP18173	30			Circular
PIP18174	30			Circular

STATE OF NEVADA
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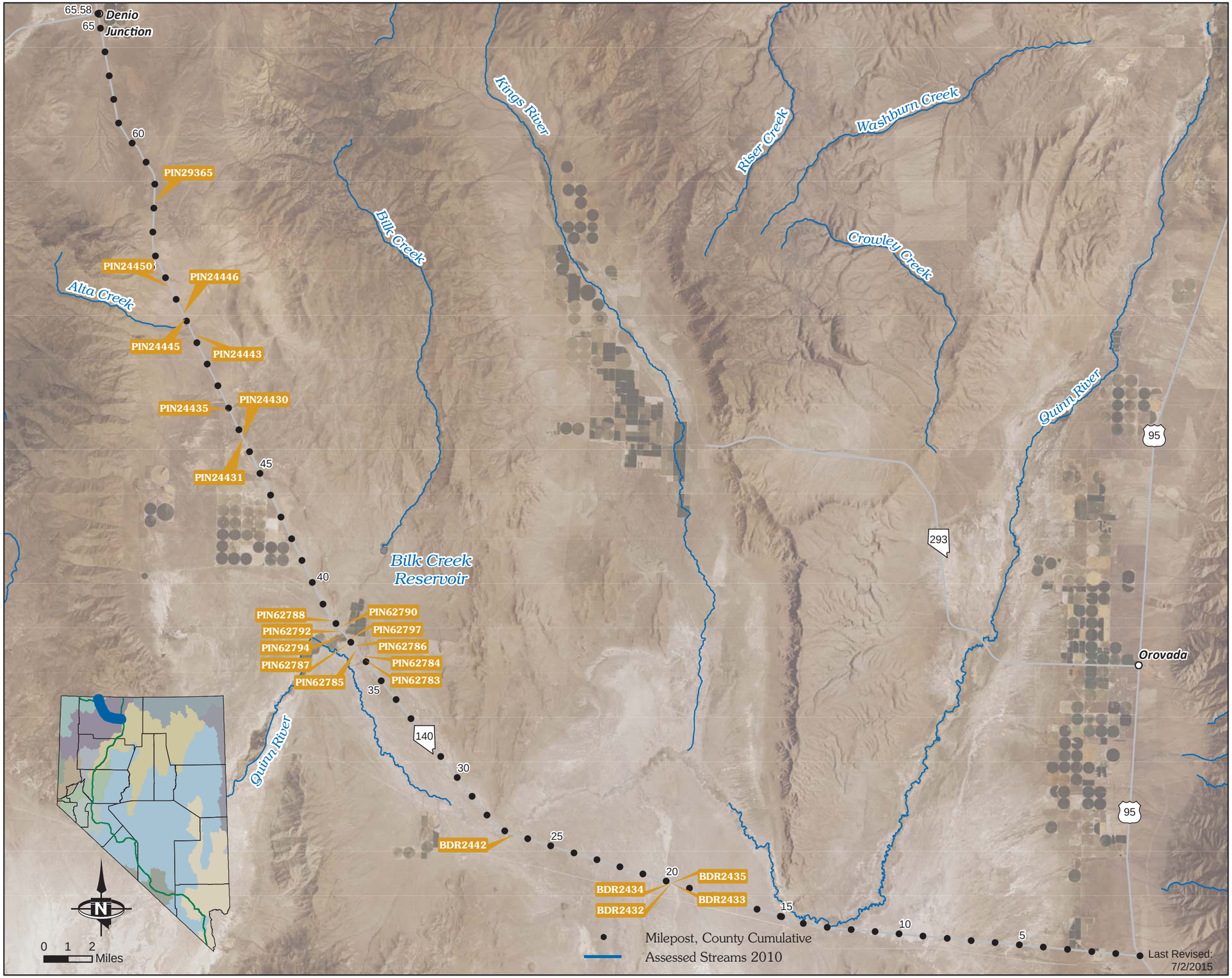
All Environmentally Reportable Facilities

SR 140 Corridor (US 95 to Denio Junction)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR2432	28			Circular
BDR2433	28			Circular
BDR2434	28			Circular
BDR2435	28			Circular
BDR2442				Other (see notes)
PIN24430	36			Circular
PIN24431	36			Circular
PIN24435		72	72	Box
PIN24443	36			Circular
PIN24445	36			Circular
PIN24446	36			Circular
PIN24450	36			Circular
PIN29365	72			Circular
PIN62783		22	13	Arch
PIN62784	36			Circular
PIN62785		22	13	Arch
PIN62786		22	13	Arch
PIN62787		22	13	Arch
PIN62788	36			Circular
PIN62790		23	13	Arch
PIN62792		22	13	Arch
PIN62794		22	13	Arch
PIN62797	36			Circular



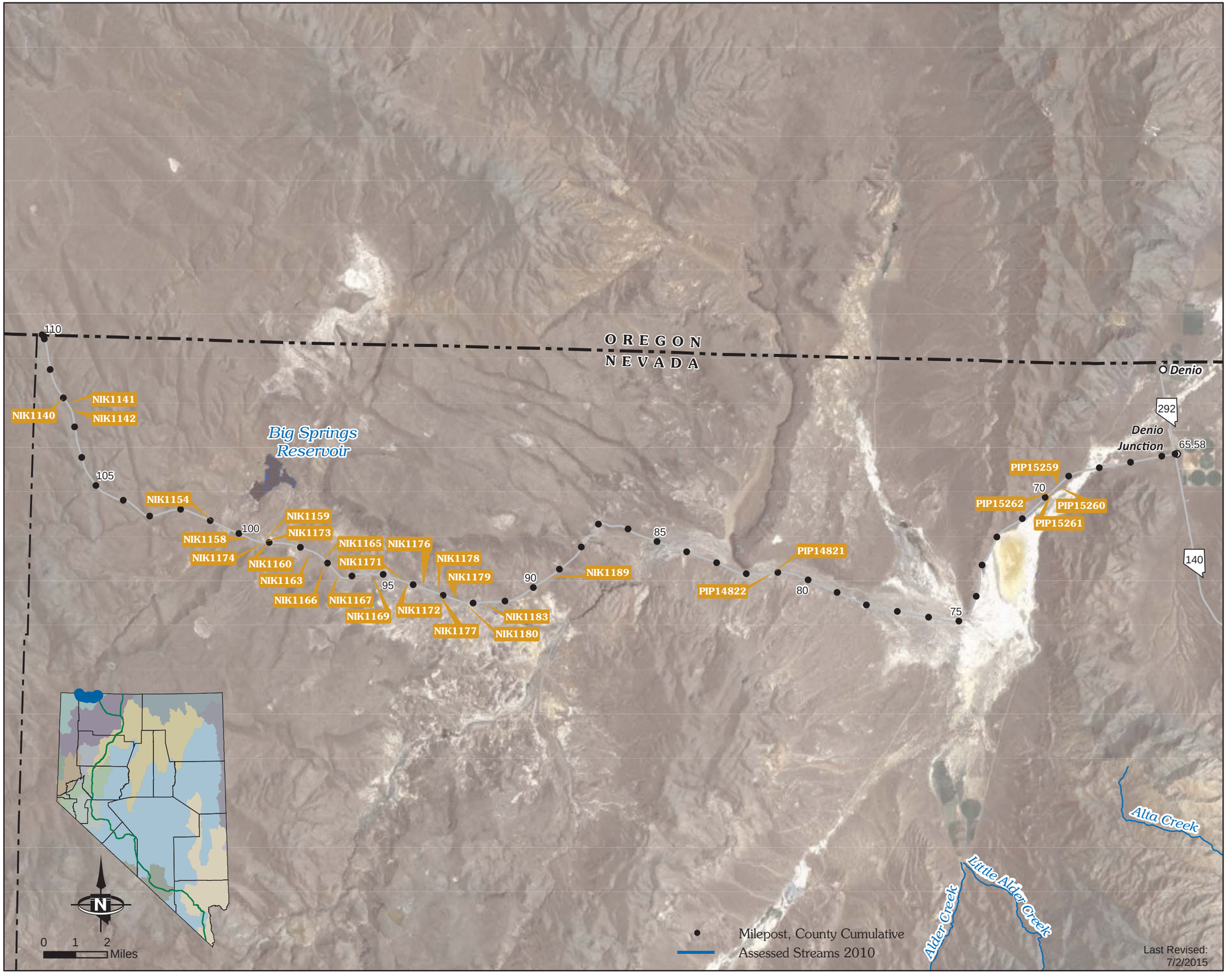
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 140 Corridor (State Line to Denio Junction)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1140		22	13	Arch
NIK1141		22	13	Arch
NIK1142		22	13	Arch
NIK1154	36			Circular
NIK1158		22	13	Arch
NIK1159		43	27	Arch
NIK1160		29	18	Arch
NIK1163		29	18	Arch
NIK1165	60			Circular
NIK1166		29	18	Arch
NIK1167		22	13	Arch
NIK1169	48			Circular
NIK1171	30			Circular
NIK1172	30			Circular
NIK1173		43	27	Arch
NIK1174		43	27	Arch
NIK1176		29	18	Arch
NIK1177	24			Circular
NIK1178	24			Circular
NIK1179	42			Circular
NIK1180	42			Circular
NIK1183		184	111	Box
NIK1189		29	18	Arch
PIP14821	24			Circular
PIP14822	24			Circular
PIP15259	24			Circular
PIP15260	24			Circular
PIP15261	24			Circular
PIP15262	24			Circular



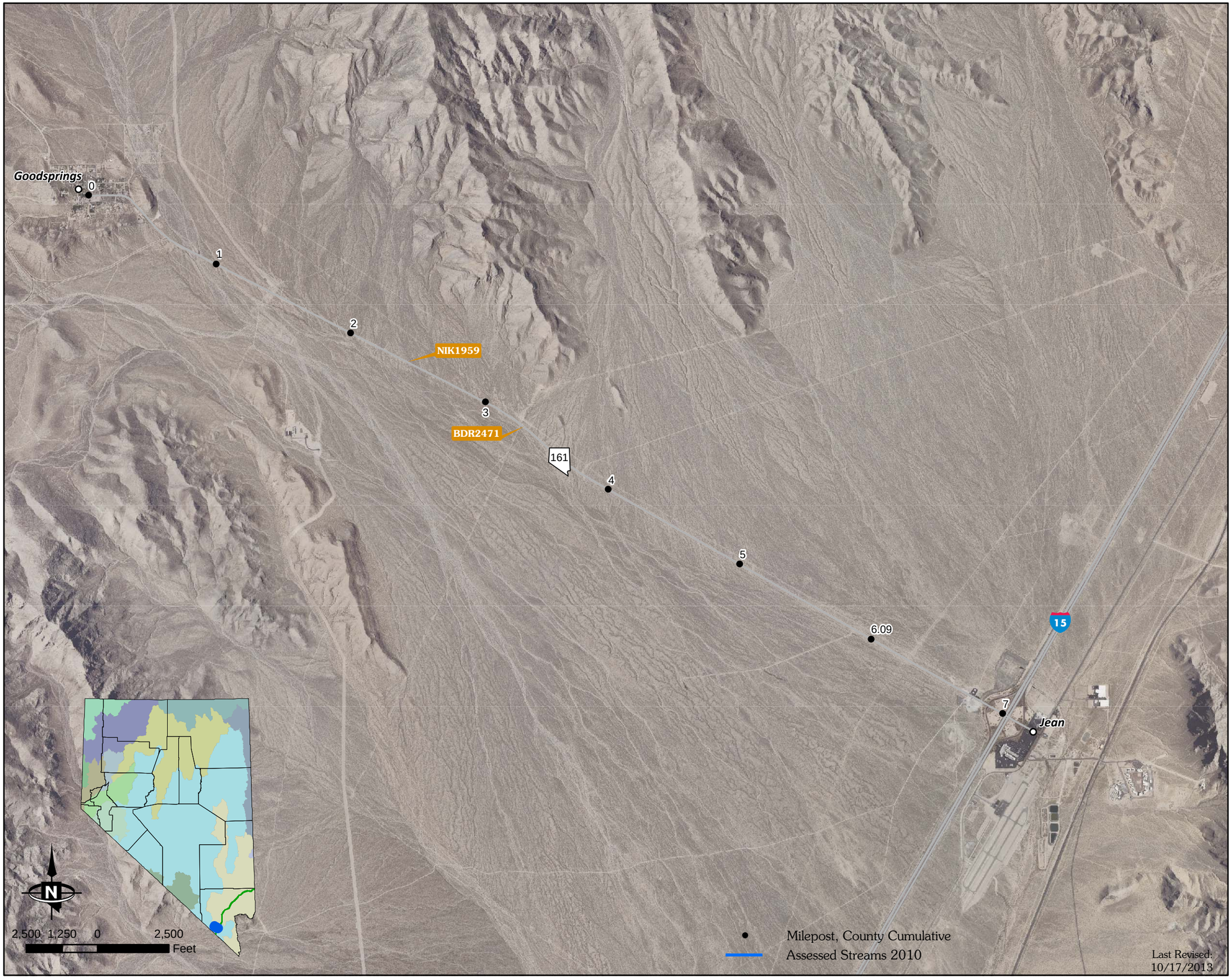
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 161 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR2471	36			Circular
NIK1959	36			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

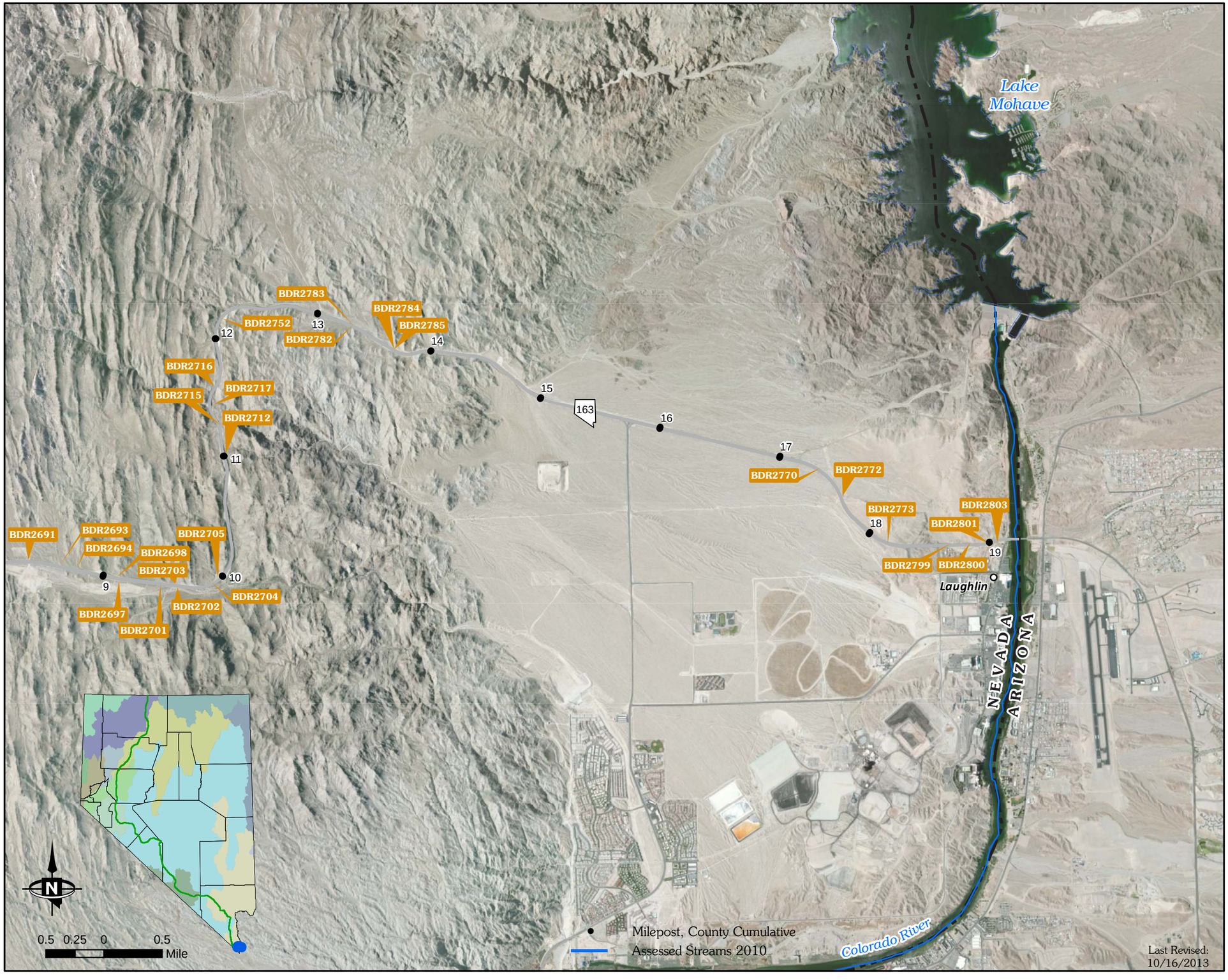
All Environmentally Reportable Facilities

SR 163 Corridor (East)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
BDR2752	36			Circular
BDR2691		120	48	Box
BDR2693		84	36	Box
BDR2694	36			Circular
BDR2697		96	36	Box
BDR2698		96	36	Box
BDR2699		96	36	Box
BDR2701		72	36	Box
BDR2702	36			Circular
BDR2703	36			Circular
BDR2704	48			Circular
BDR2705	36			Circular
BDR2712	36			Circular
BDR2715	36			Circular
BDR2716	36			Circular
BDR2717		120		Arch
BDR2782	36			Circular
BDR2783	36			Circular
BDR2784	36			Circular
BDR2785	36			Circular
BDR2770		60	36	Box
BDR2772		96	48	Box
BDR2773		60	36	Box
BDR2799		144	84	Box
BDR2800		120	36	Box
BDR2801	78			Circular
BDR2803	84			Circular



STATE OF NEVADA
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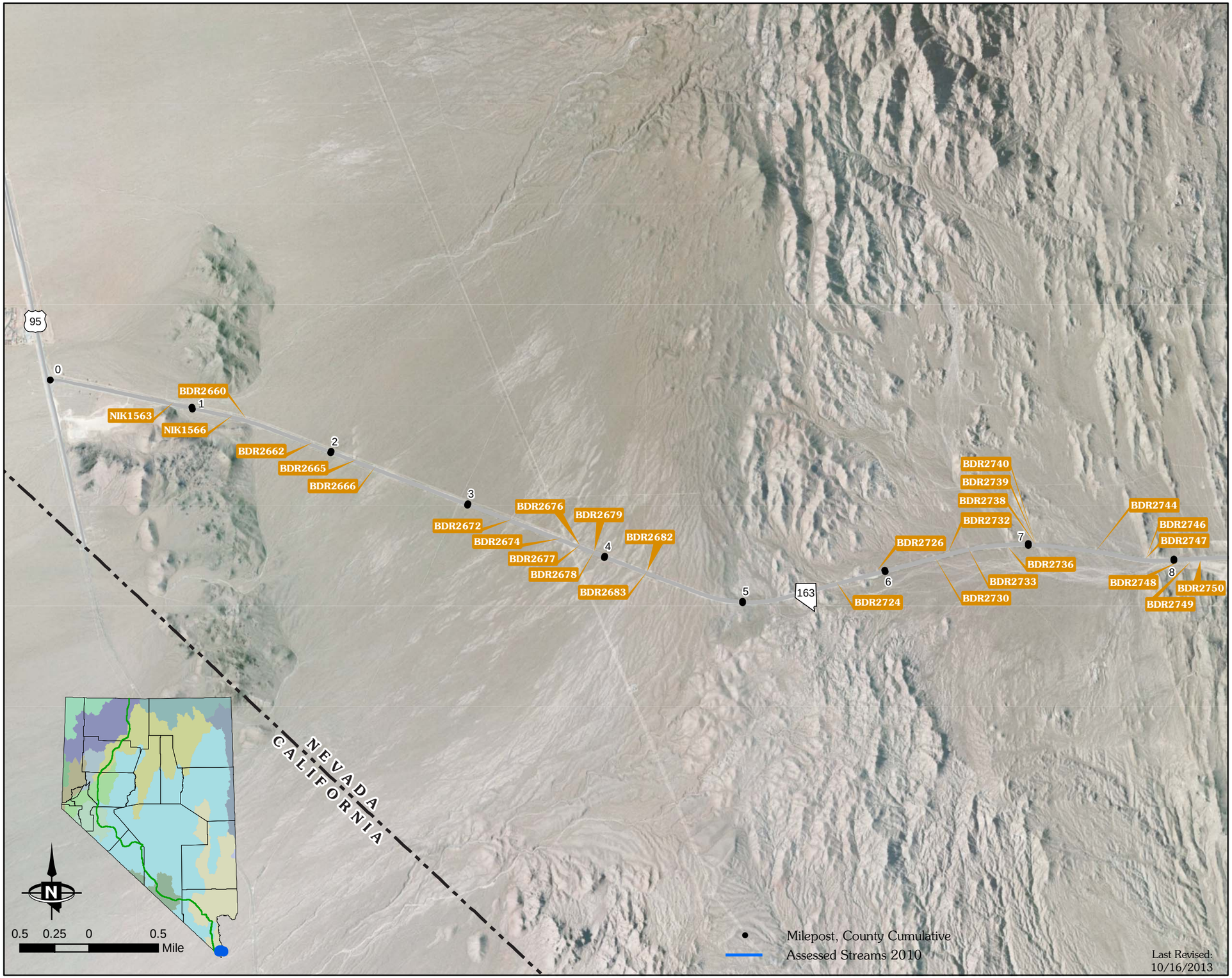
All Environmentally Reportable Facilities

SR 163 Corridor (West)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1563		96	60	Box
NIK1566	36			Circular
BDR2660		72	36	Box
BDR2662	36			Circular
BDR2665	36			Circular
BDR2666		72	36	Box
BDR2672	36			Circular
BDR2674		120	48	Box
BDR2676	36			Circular
BDR2677	36			Circular
BDR2678	36			Circular
BDR2679	36			Circular
BDR2682	36			Circular
BDR2683	36			Circular
BDR2724		72	36	Box
BDR2726	36			Circular
BDR2727	36			Circular
BDR2730		96	48	Box
BDR2731	36			Circular
BDR2732	36			Circular
BDR2733		72	36	Box
BDR2736		120	60	Box
BDR2738		120	48	Box
BDR2739		120	48	Box
BDR2740		120	48	Box
BDR2744		120	48	Box
BDR2746		84	60	Box
BDR2747		84	60	Box
BDR2748		60	48	Box
BDR2749	36			Circular
BDR2750		84	48	Box



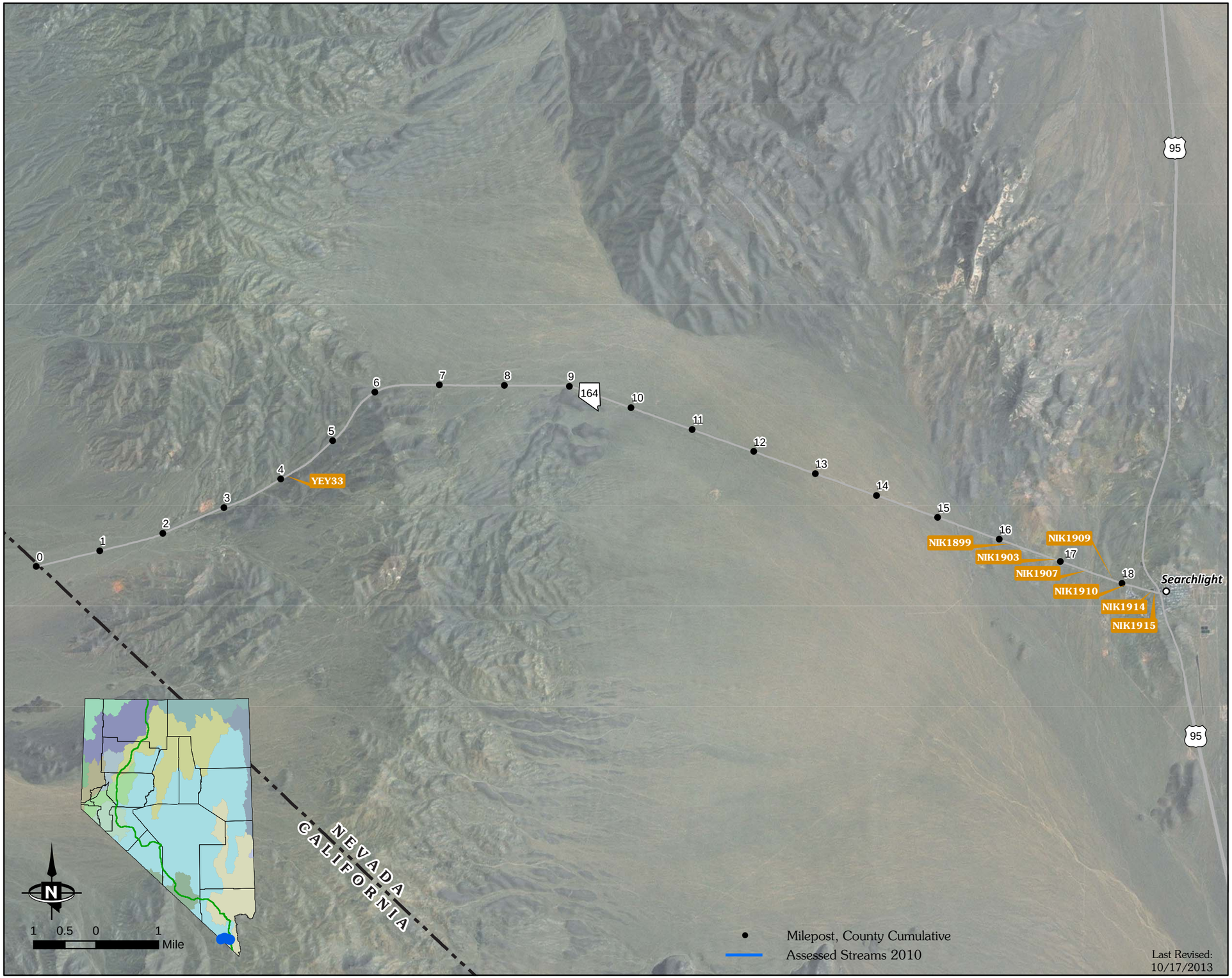
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 164 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1899	36			Circular
NIK1903	36			Circular
NIK1907	60			Circular
NIK1909	36			Circular
NIK1910	36			Circular
NIK1914	36			Circular
NIK1915	48			Circular
YEY33	48			Circular



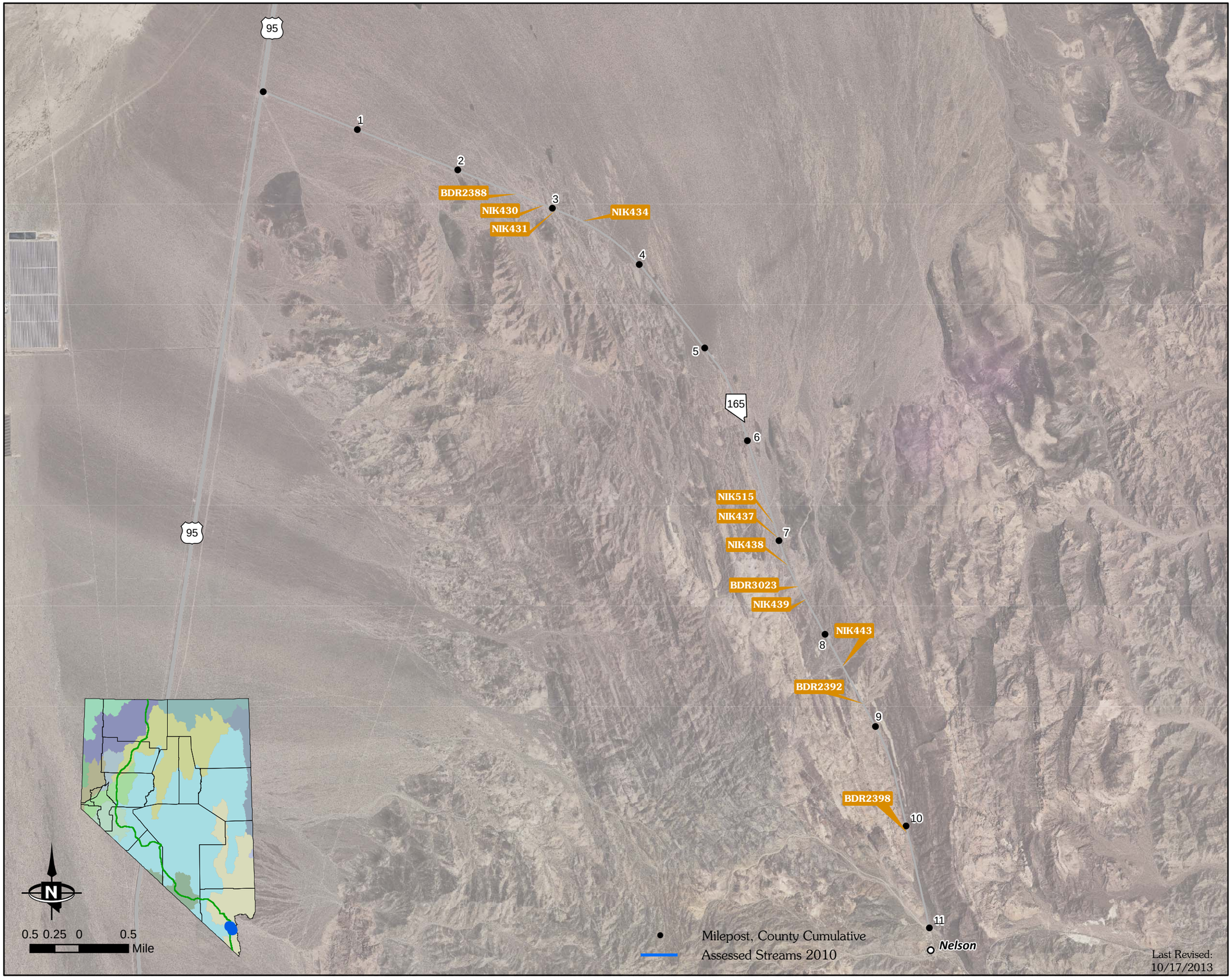
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 165 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK430		72	72	Box
NIK431		72	72	Box
NIK434		72	72	Box
NIK437		30	17	Arch
NIK438		37	21	Arch
BDR3023	36			Circular
NIK439	36			Circular
NIK443	36			Circular
NIK515		30	17	Arch
BDR2392	72			Circular
BDR2398	36			Circular
BDR2388		72	48	Box



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

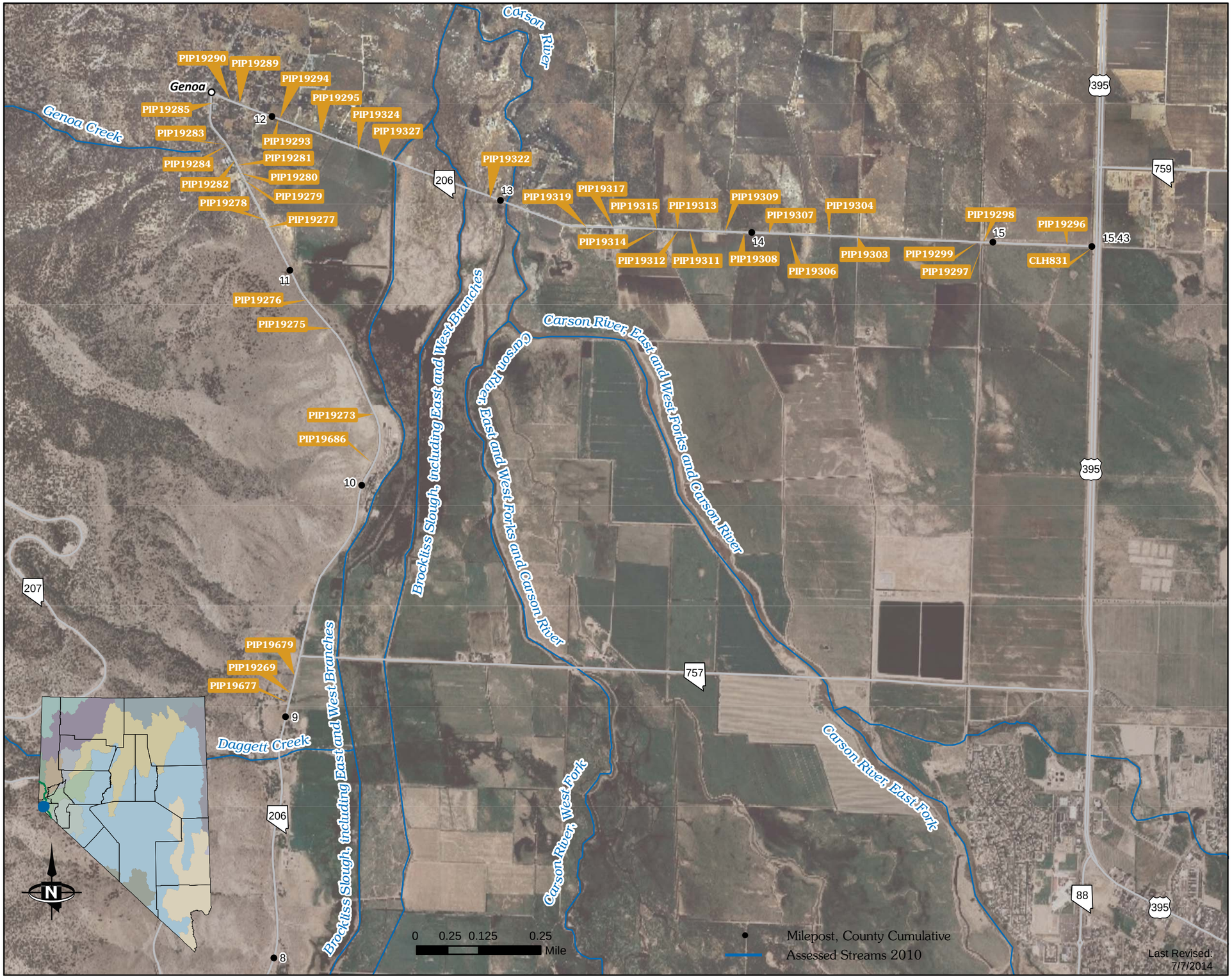
All Environmentally Reportable Facilities

SR 206 Corridor (North)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
CLH831				Other (see notes)
PIP19269	24			Circular
PIP19273				Other (see notes)
PIP19275				Other (see notes)
PIP19276				Other (see notes)
PIP19277				Other (see notes)
PIP19278				Other (see notes)
PIP19279				Other (see notes)
PIP19280				Other (see notes)
PIP19281				Other (see notes)
PIP19282				Other (see notes)
PIP19283	24			Circular
PIP19284		28	40	Arch
PIP19285				Other (see notes)
PIP19289				Other (see notes)
PIP19290				Other (see notes)
PIP19293				Other (see notes)
PIP19294				Other (see notes)
PIP19295				Other (see notes)
PIP19296		60	30	Box
PIP19297		60	48	Box
PIP19298		60	48	Box
PIP19299		48	48	Box
PIP19303		48	36	Box
PIP19304		60	36	Box
PIP19306		72	48	Box
PIP19307				Other (see notes)
PIP19308		72	48	Box
PIP19309		48	24	Box
PIP19311		72	48	Box
PIP19312		72	30	Box
PIP19313		72	30	Box
PIP19314		72	42	Box
PIP19315		72	42	Box
PIP19317		36	30	Box
PIP19319		36	24	Arch
PIP19322				Other (see notes)
PIP19324				Other (see notes)
PIP19327				Other (see notes)
PIP19677				Other (see notes)
PIP19679	24			Circular
PIP19686				Other (see notes)



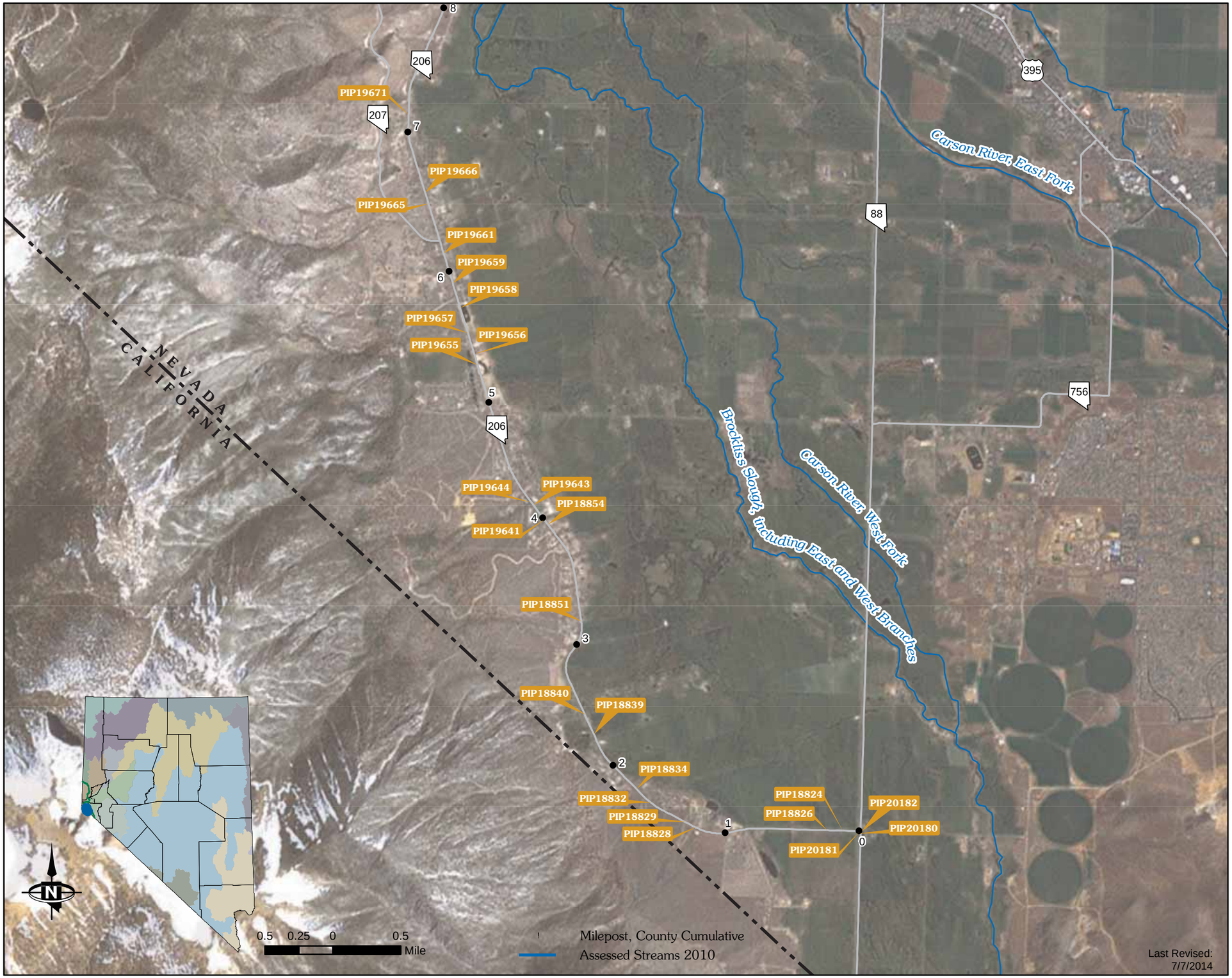
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 206 Corridor (South)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP18824		58	36	Arch
PIP18826		144	60	Box
PIP18828		43	27	Arch
PIP18829		96	48	Box
PIP18832		96	36	Box
PIP18834	48			Circular
PIP18839	36			Circular
PIP18840	36			Circular
PIP18851		29	18	Arch
PIP18854	38			Circular
PIP19641		29	18	Arch
PIP19643	36			Circular
PIP19644		29	18	Arch
PIP19655	36			Circular
PIP19656	48			Circular
PIP19657		29	18	Arch
PIP19658		29	18	Arch
PIP19659		29	18	Arch
PIP19661		29	18	Arch
PIP19665				Other (see notes)
PIP19666				Other (see notes)
PIP19671		29	18	Arch
PIP20180		43	27	Arch
PIP20181		43	27	Arch
PIP20182		60	40	Arch



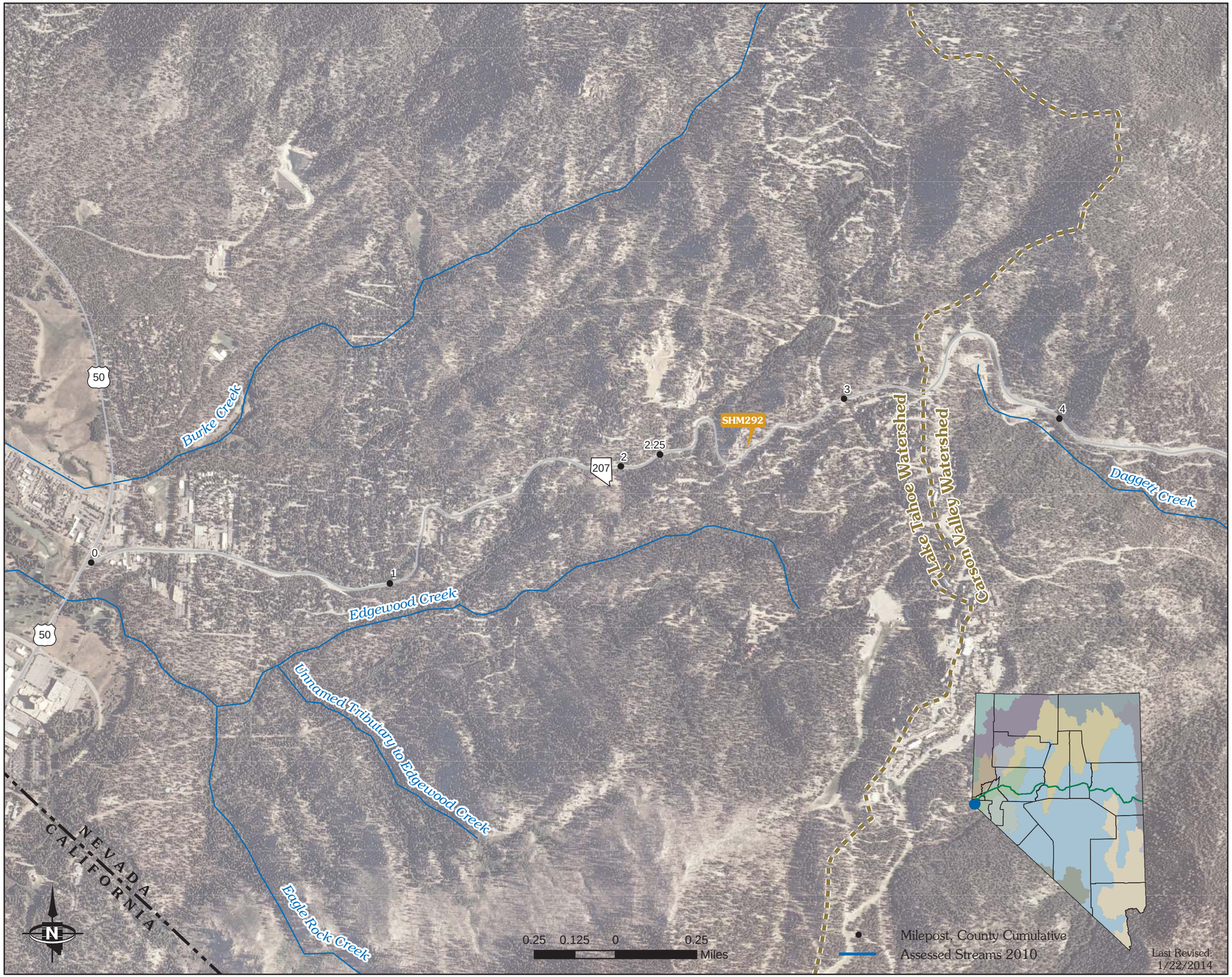
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 207 Corridor (Within Lake Tahoe Watershed)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
SHM292	36	0	0	Circular



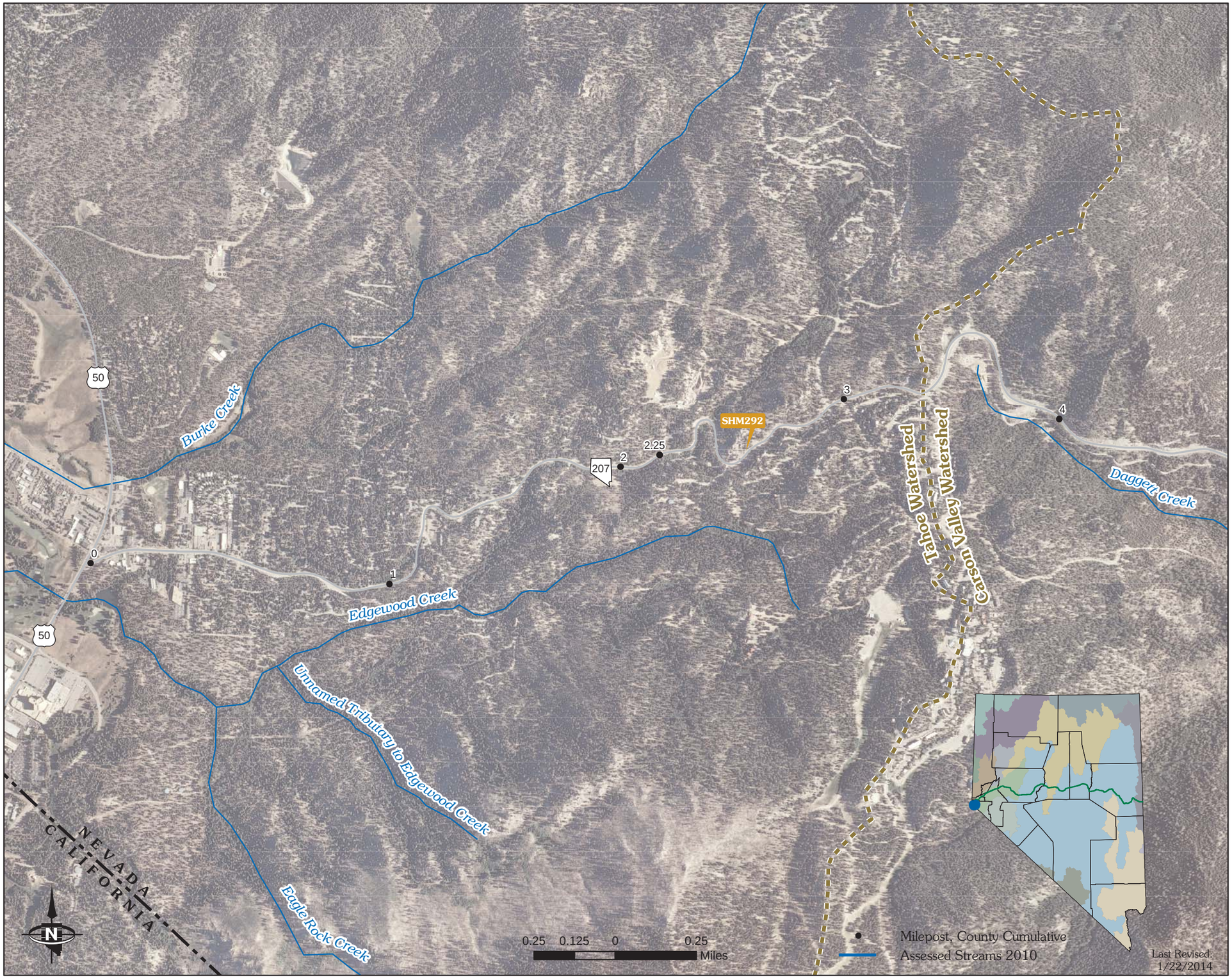
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 207 Corridor (Inside Tahoe Watershed)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
SHM292	36	0	0	Circular



STATE OF NEVADA
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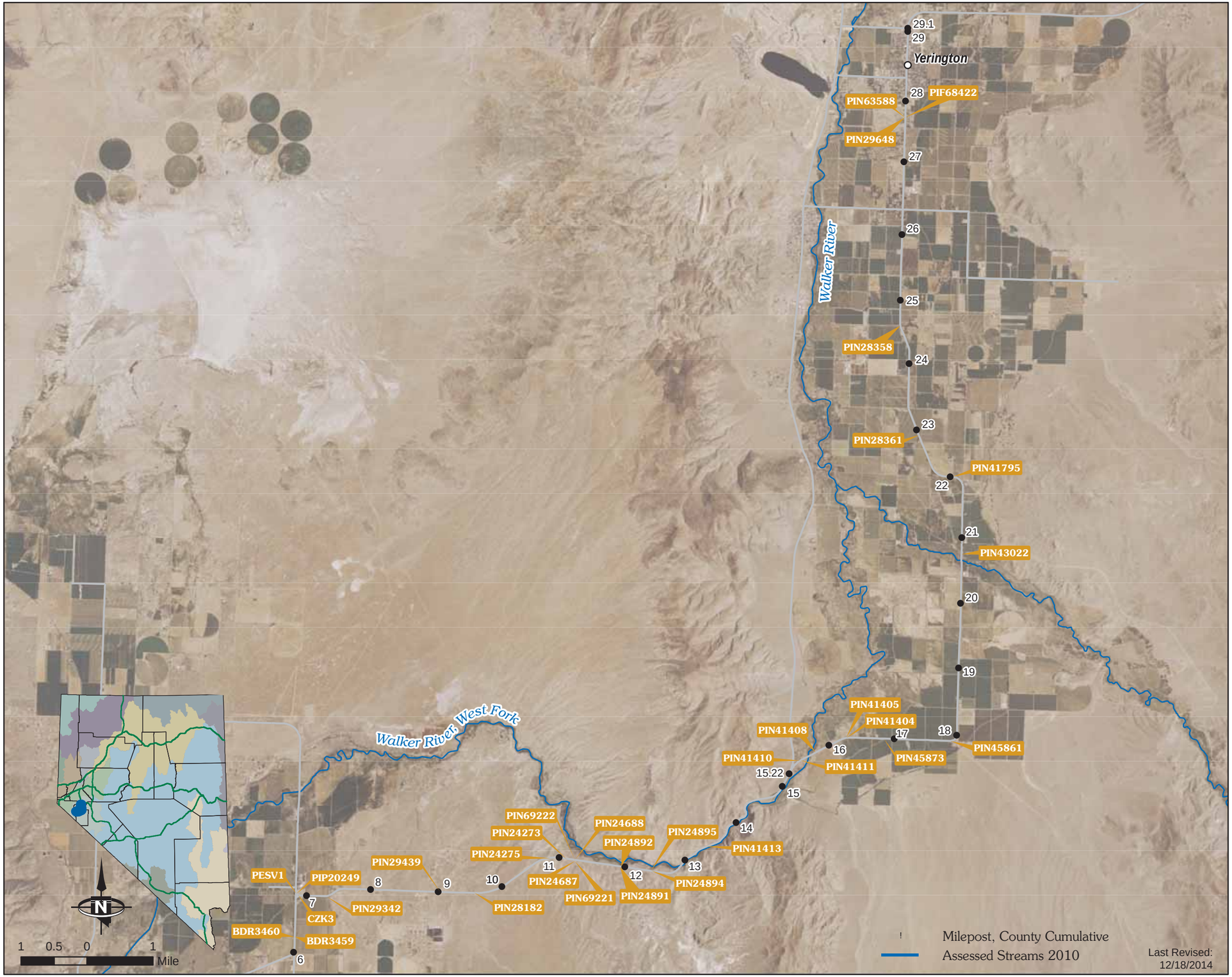
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 208 Corridor SR 208 Corridor (SR 338 To US 95A)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR3459		132	48	Box
BDR3460		132	48	Box
PIP20249	36			Circular
PIN24273		50	31	Arch
PIN24275		43	27	Arch
PIN24687	36			Circular
PIN24688	36			Circular
PIN24891		50	31	Arch
PIN24892		50	31	Arch
PIN24894		50	31	Arch
PIN24895		50	31	Arch
PIN28182		144	42	Box
PIN28358		120	24	Box
PIN28361		120	24	Box
PIN29342		108	96	Box
PIN29439		144	48	Box
PIN29648	30			Circular
PIN41404	24			Circular
PIN41405	24			Circular
PIN41408	54			Circular
PIN41410		120	48	Box
PIN41411		120	48	Box
PIN41413		108	36	Other (see notes)
PIN41795		48	24	Box
PIN43022		120	48	Box
PESV1	36			Circular
CZK3	36			Circular
PIN45861		48	24	Box
PIN45873		60	60	Box
PIN63588	30			Circular
PIF68422	30			Circular
PIN69221		144	36	Box
PIN69222		144	36	Box



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

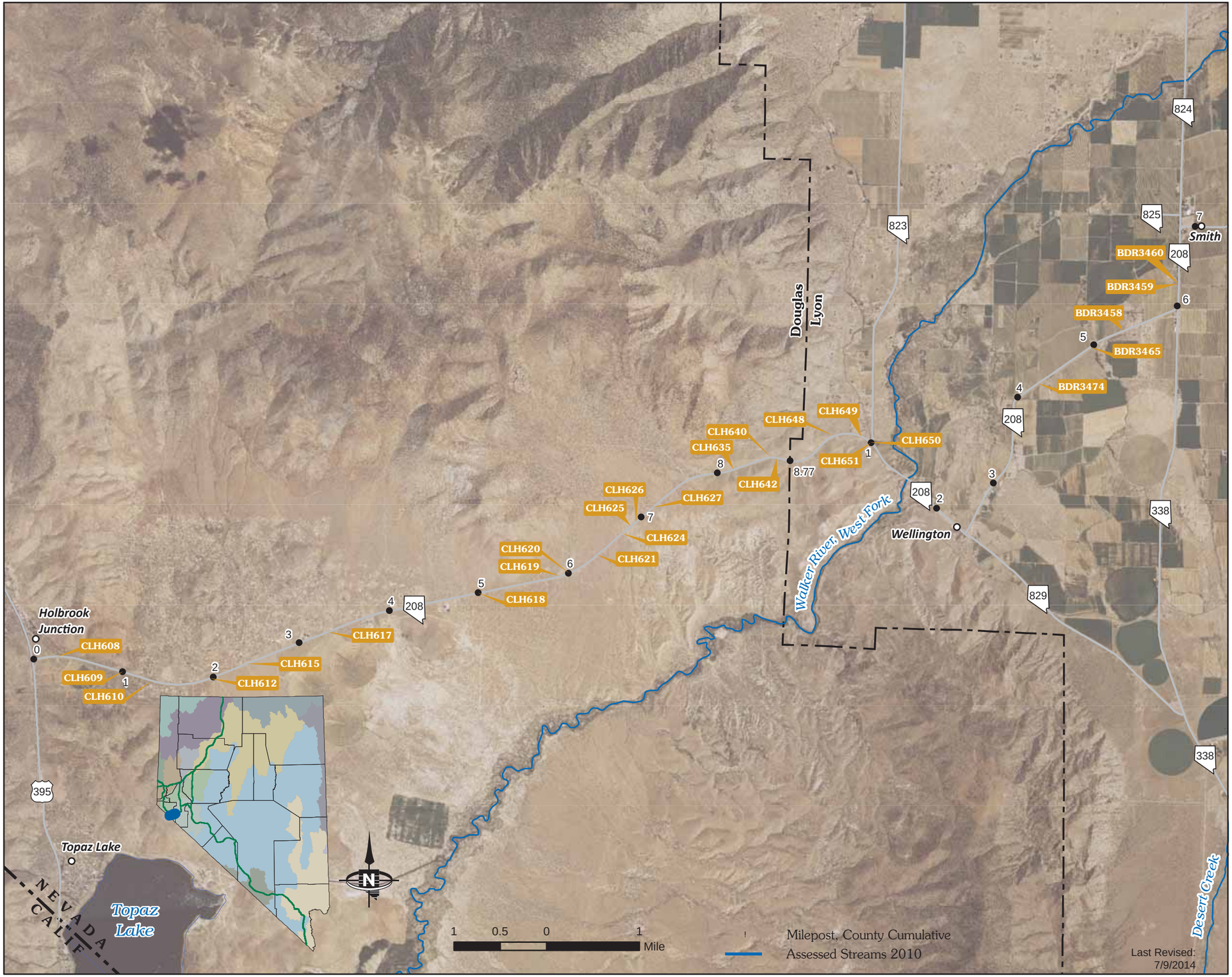
All Environmentally Reportable Facilities

SR 208 Corridor (US 395 to SR 338)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
CLH608	36			Circular
CLH609		29	18	Arch
CLH610	36			Circular
CLH612		43	27	Arch
CLH615	36			Circular
CLH617		72	36	Box
CLH618		60	24	Box
CLH619	48			Circular
CLH620	48			Circular
CLH621	36			Circular
CLH624	36			Circular
CLH625	36			Circular
CLH626	36			Circular
CLH627	36			Circular
CLH635	36			Circular
CLH640	36			Circular
CLH642	36			Circular
CLH648		48	48	Box
CLH649		29	18	Arch
CLH650		144	72	Box
CLH651		144	72	Box
BDR3474		72	36	Box
BDR3465	24			Circular
BDR3458		120	54	Box
BDR3459		132	48	Box
BDR3460		132	48	Box



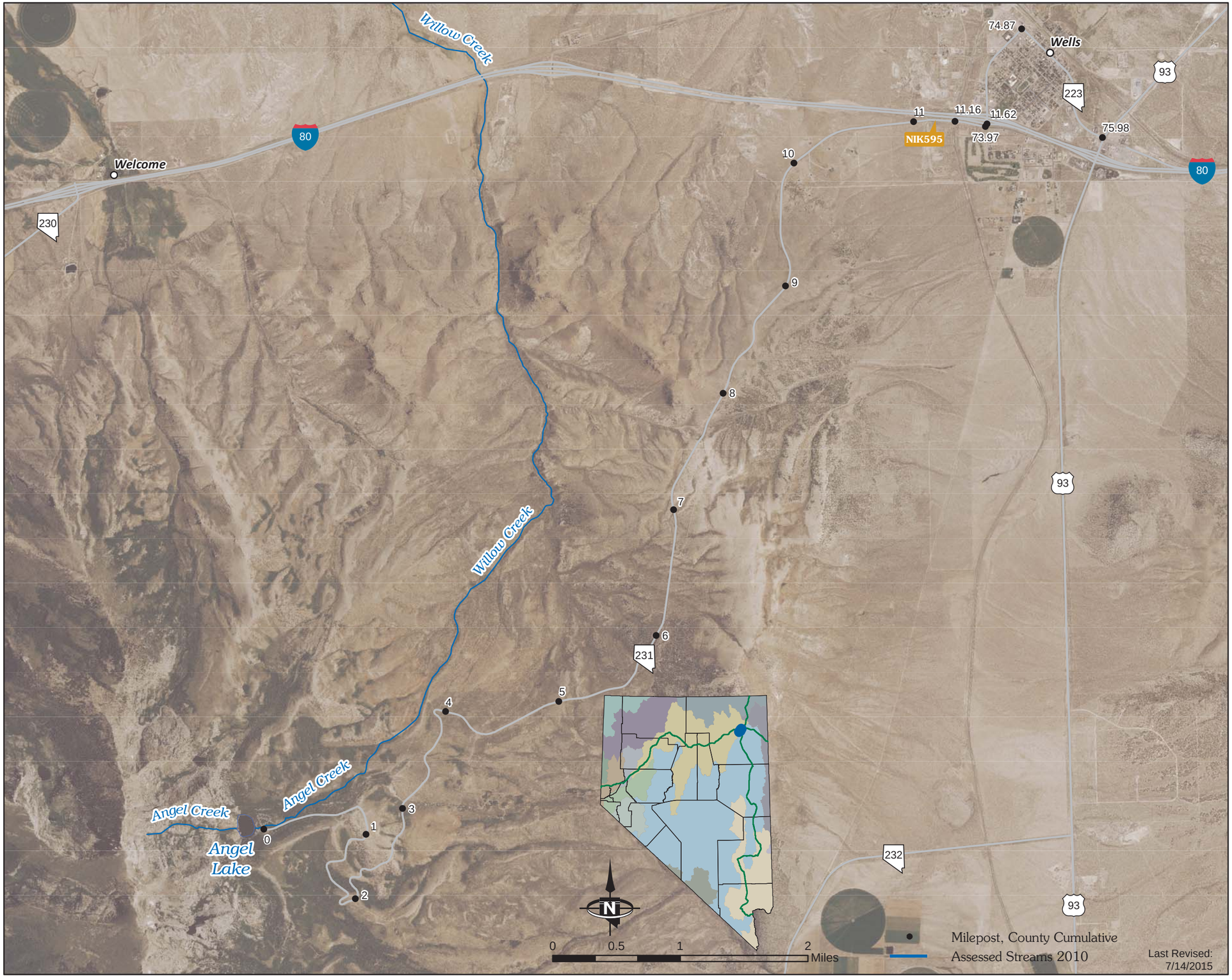
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 223 & SR 231 Corridors

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK595	42			Circular



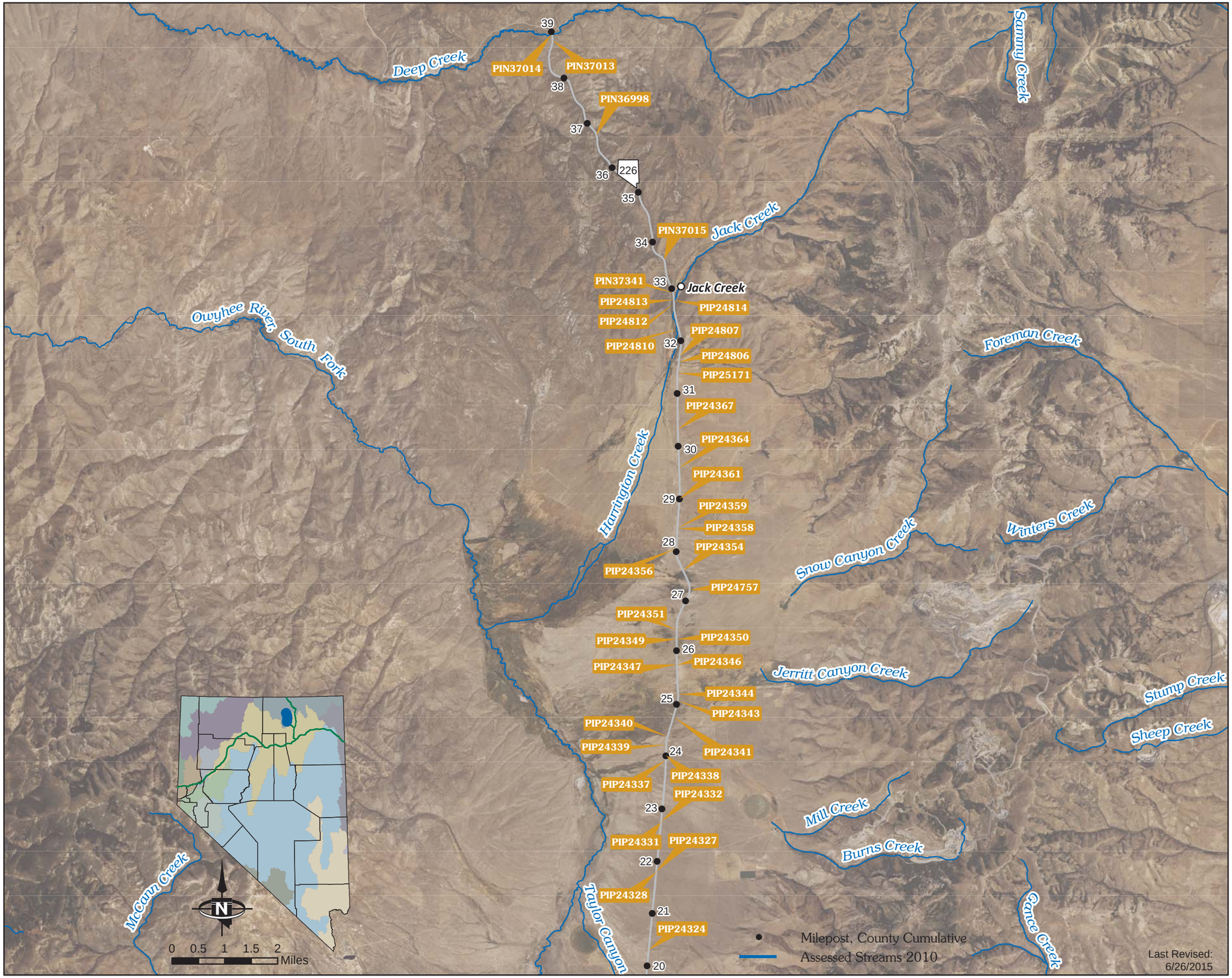
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 226 Corridor (MP 20 to MP 39)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP24324	36			Circular
PIP24327	24			Circular
PIP24328	24			Circular
PIP24331	24			Circular
PIP24332	24			Circular
PIP24337	36			Circular
PIP24338	48			Circular
PIP24339	36			Circular
PIP24340		36	24	Elliptical
PIP24341		72	48	Elliptical
PIP24343		72	48	Elliptical
PIP24344		56	36	Elliptical
PIP24346		56	36	Elliptical
PIP24347	36			Circular
PIP24349	36			Circular
PIP24350	36			Circular
PIP24351	36			Circular
PIP24354	36			Circular
PIP24356	36			Circular
PIP24358	58			Circular
PIP24359	58			Circular
PIP24361	36			Circular
PIP24364	36			Circular
PIP24367	36			Circular
PIP24757	36			Circular
PIP24806	60			Circular
PIP24807	48			Circular
PIP24810	36			Circular
PIP24812	36			Circular
PIP24813		10	6	Box
PIP24814		10	6	Box
PIP25171	36			Circular
PIN36998	36			Circular
PIN37013	58			Circular
PIN37014		288	48	Box
PIN37015	60			Circular
PIN37341		58	36	Arch



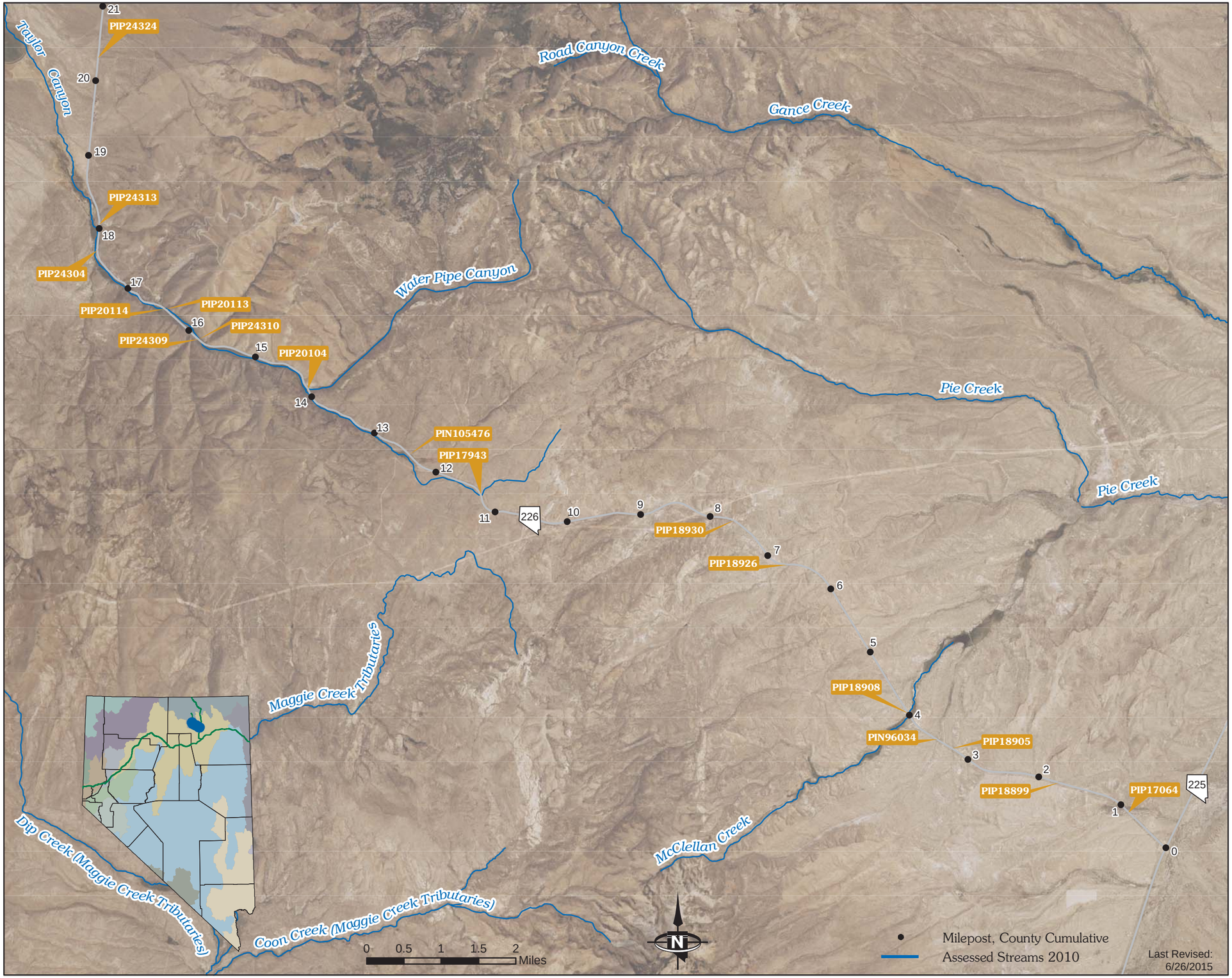
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 226 Corridor (SR 225 to MP 21)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP17064	48			Circular
PIP17943	48			Circular
PIP18899	36			Circular
PIP18905	48			Circular
PIP18908	36			Circular
PIP18926	48			Circular
PIP18930	48			Circular
PIP20104	48			Circular
PIP20113	36			Circular
PIP20114	36			Circular
PIP24304		24	16	Arch
PIP24309	36			Circular
PIP24310	36			Circular
PIP24313	36			Circular
PIP24324	36			Circular
PIN96034	48			Circular
PIN105476	24			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

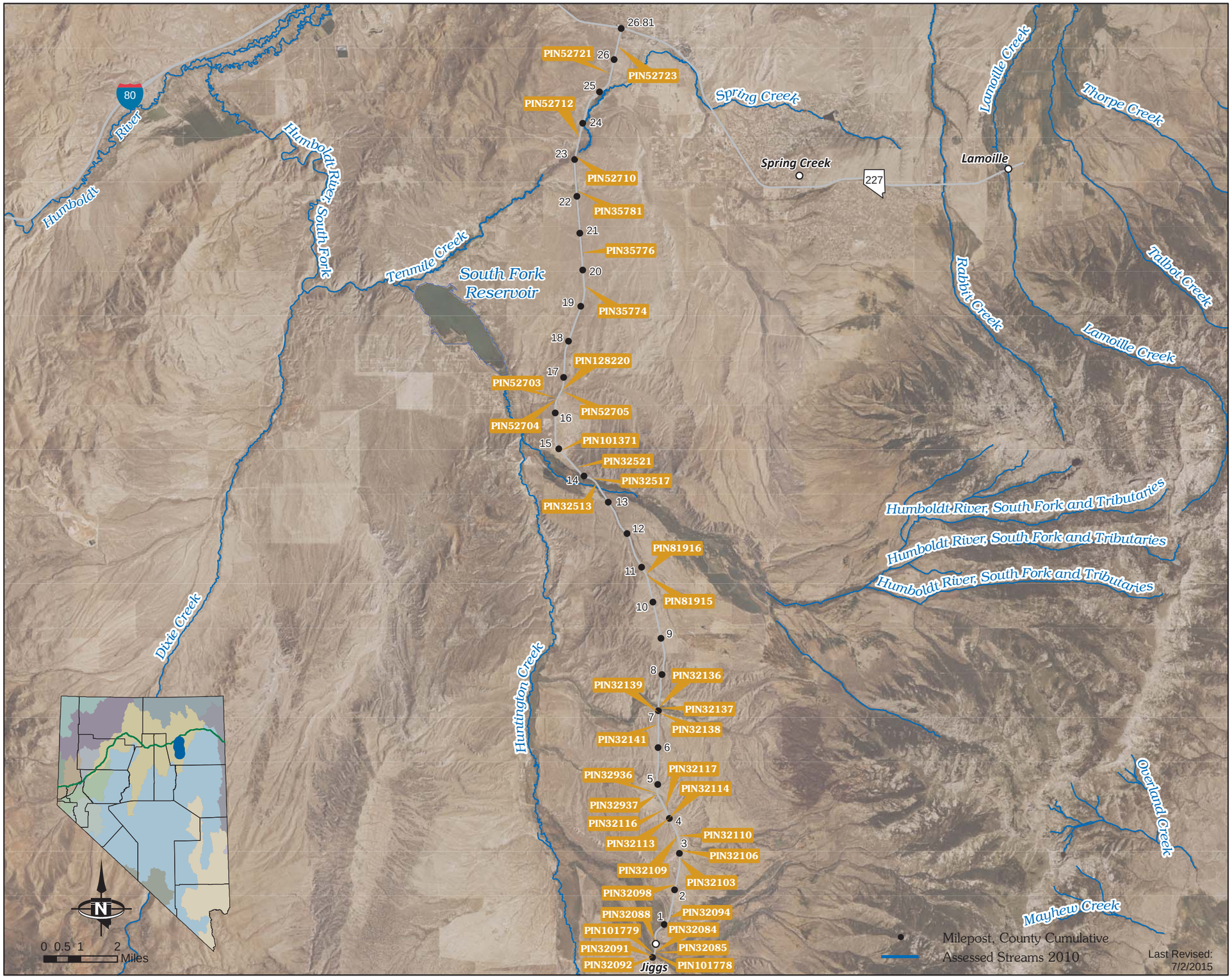
All Environmentally Reportable Facilities

SR 228 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIN32084	24			Circular
PIN32085	24			Circular
PIN32088		96	48	Box
PIN32091		120	48	Box
PIN32092		120	48	Box
PIN32094	36			Circular
PIN32098	36			Circular
PIN32103	36			Circular
PIN32106	36			Circular
PIN32109	24			Circular
PIN32110	24			Circular
PIN32113	24			Circular
PIN32114	24			Circular
PIN32116	24			Circular
PIN32117	24			Circular
PIN32136	36			Circular
PIN32137	36			Circular
PIN32138	24			Circular
PIN32139	24			Circular
PIN32141	36			Circular
PIN32513	36			Circular
PIN32517		120	96	Box
PIN32521	36			Circular
PIN32936	42			Circular
PIN32937	42			Circular
PIN35774	36			Circular
PIN35776	36			Circular
PIN35781	48			Circular
PIN52703	48			Circular
PIN52704	48			Circular
PIN52705	36			Circular
PIN52710		120	84	Box
PIN52712	36			Circular
PIN52721	48			Circular
PIN52723	36			Circular
PIN81915	48			Circular
PIN81916	48			Circular
PIN101371	36			Circular
PIN101778				Circular
PIN101779	36			Circular
PIN128220	36			Circular



STATE OF NEVADA
HYDRAULIC
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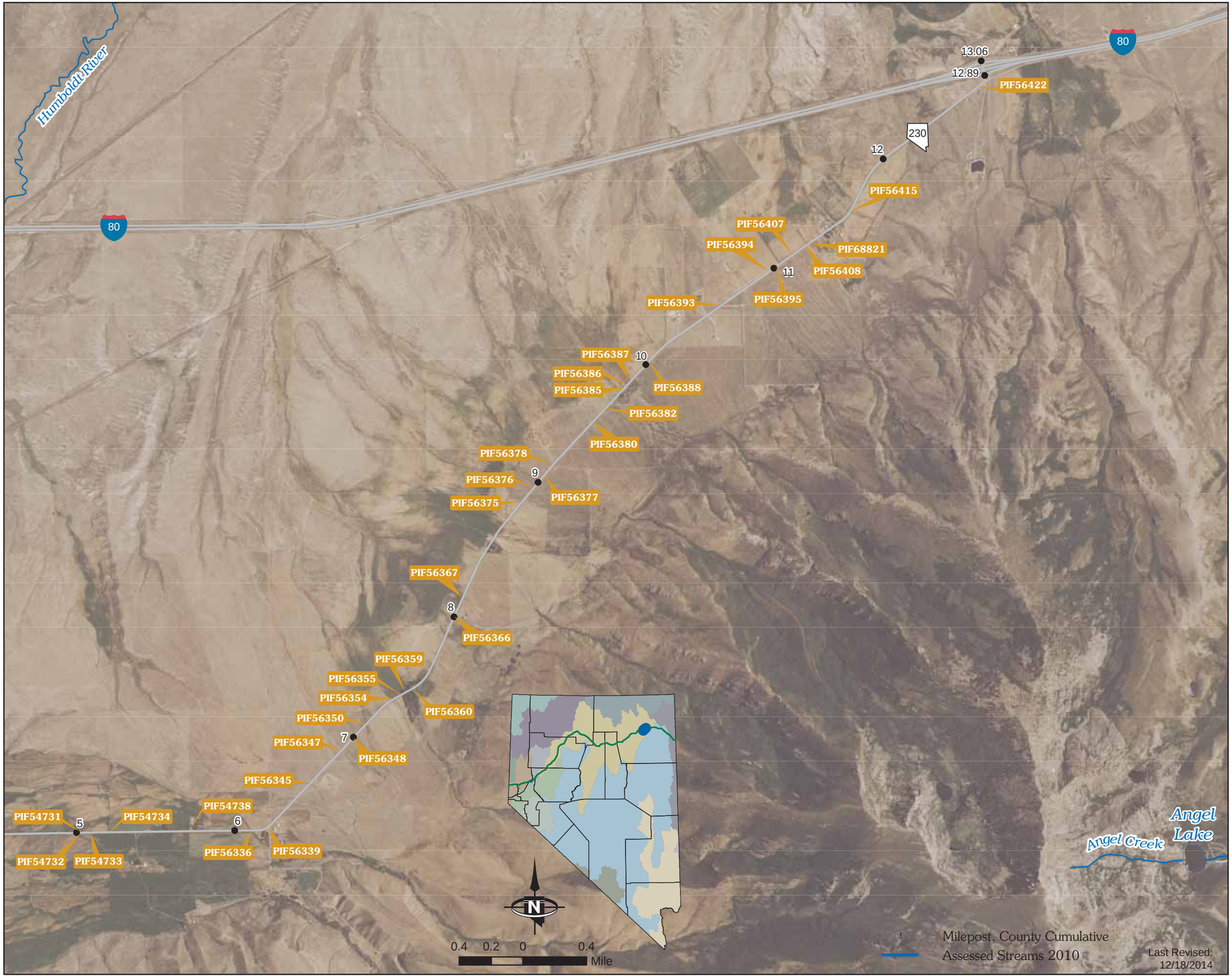
All Environmentally Reportable Facilities

SR 230 Corridor (MP 5 to MP 13.06)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIF54731		29	18	Arch
PIF54732		29	18	Arch
PIF54733	36			Arch
PIF54734		29	18	Arch
PIF54738		22	13	Arch
PIF56336		43	27	Arch
PIF56339		29	18	Arch
PIF56345		72	24	Box
PIF56347		72	24	Box
PIF56348		84	84	Box
PIF56350		72	48	Box
PIF56354		29	18	Arch
PIF56355		29	18	Arch
PIF56359		22	13	Arch
PIF56360		48	24	Box
PIF56366		48	48	Box
PIF56367		29	18	Arch
PIF56375		48	24	Box
PIF56376		72	24	Box
PIF56377		22	13	Arch
PIF56378		29	18	Arch
PIF56380		36	22	Arch
PIF56382		22	13	Arch
PIF56385		29	18	Arch
PIF56386		22	13	Arch
PIF56387		22	18	Arch
PIF56388		22	13	Arch
PIF56393		29	18	Arch
PIF56394		50	31	Arch
PIF56395		29	18	Arch
PIF56407		43	27	Arch
PIF56408		29	18	Arch
PIF56415		48	24	Box
PIF56422		29	18	Arch
PIF68821	18			Arch



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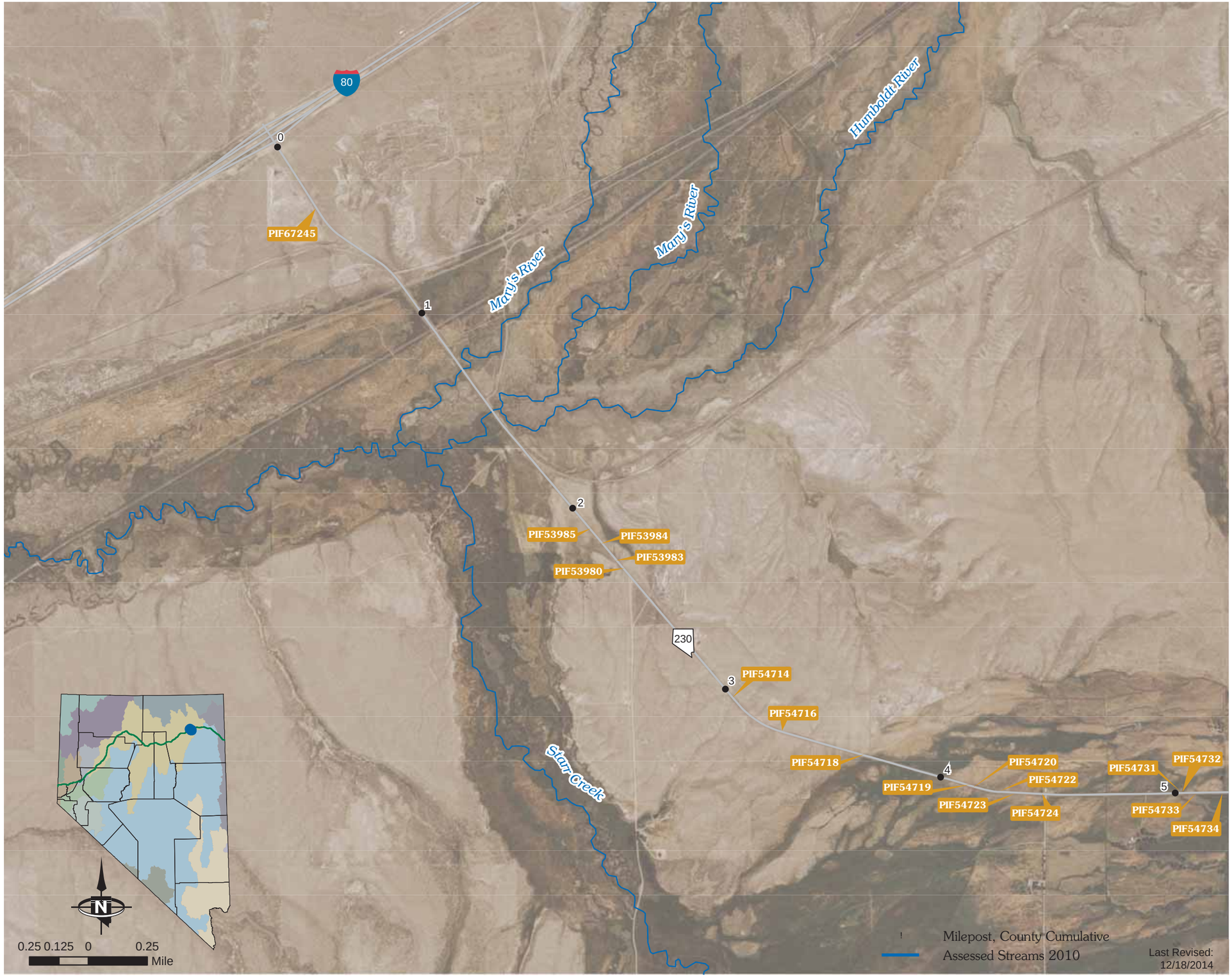
All Environmentally Reportable Facilities

SR 230 Corridor (MP 0 to MP 5)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIF53980		36	22	Arch
PIF53983		22	13	Arch
PIF53984		29	18	Arch
PIF53985		29	18	Arch
PIF54714		29	18	Arch
PIF54716		22	13	Arch
PIF54718		72	36	Box
PIF54719		22	13	Arch
PIF54720		29	18	Arch
PIF54722		22	13	Arch
PIF54723		22	13	Arch
PIF54724		29	18	Arch
PIF54731		29	18	Arch
PIF54732		29	18	Arch
PIF54733	36			Arch
PIF54734		29	18	Arch
PIF67245	24			Circular



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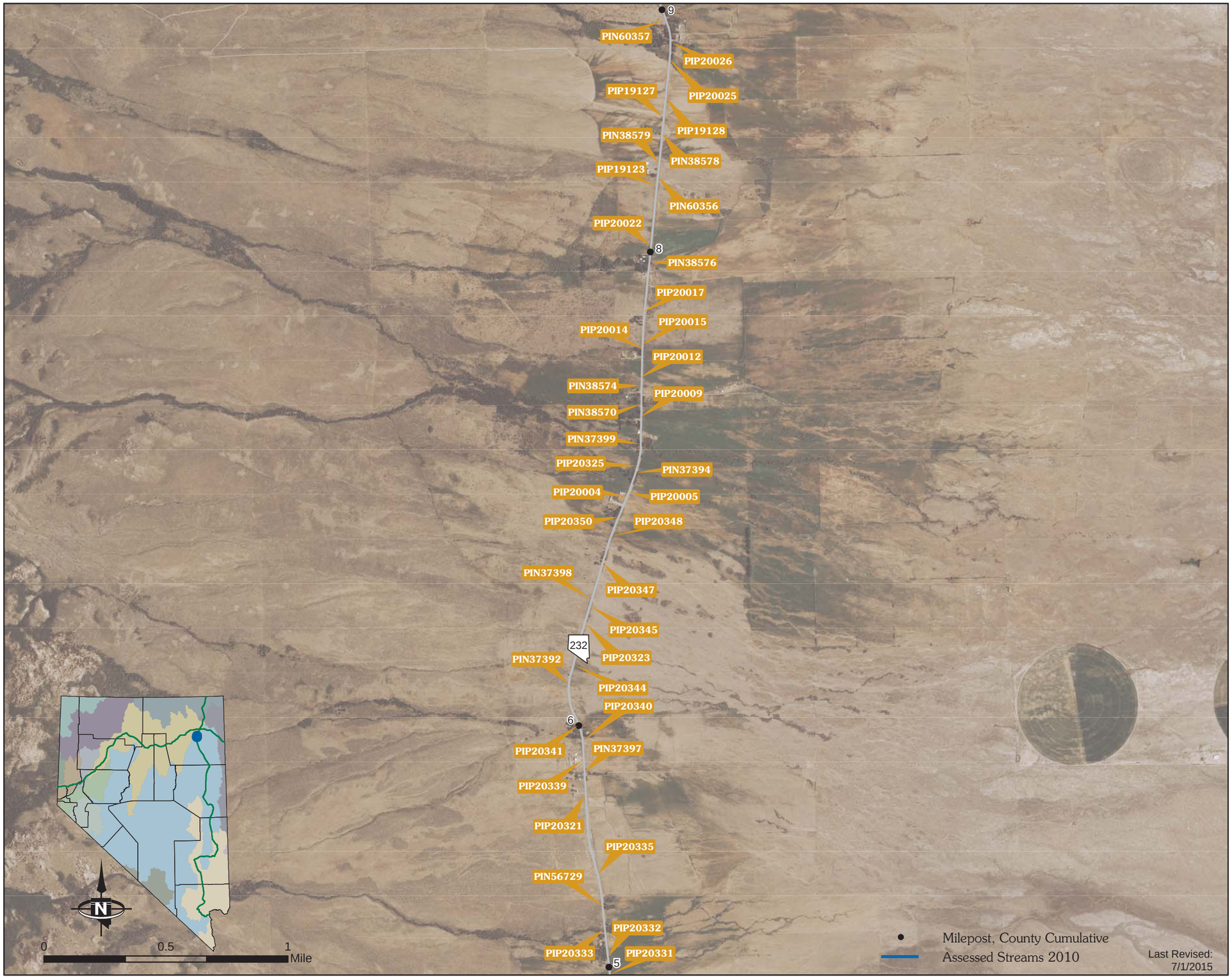
All Environmentally Reportable Facilities

SR 232 Corridor (MP 5 to MP 9)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP19123		22	13	Arch
PIP19127	36			Circular
PIP19128		22	13	Arch
PIP20004		22	13	Arch
PIP20005		43	27	Arch
PIP20009		22	13	Arch
PIP20012		22	13	Arch
PIP20014		43	27	Arch
PIP20015		22	13	Arch
PIP20017		29	18	Arch
PIP20022		22	13	Arch
PIP20025		58	36	Arch
PIP20026		43	27	Arch
PIP20321		22	13	Arch
PIP20323		29	18	Arch
PIP20325		22	13	Arch
PIP20331		29	18	Arch
PIP20332		43	27	Arch
PIP20333	36			Circular
PIP20335		29	18	Arch
PIP20339		22	13	Arch
PIP20340		29	18	Arch
PIP20341		43	27	Arch
PIP20344		43	27	Arch
PIP20345	36			Circular
PIP20347		22	13	Arch
PIP20348		29	18	Arch
PIP20350		22	13	Arch
PIN37392		22	13	Arch
PIN37394	36			Circular
PIN37397		43	27	Arch
PIN37398	36			Circular
PIN37399	48			Circular
PIN38570	36			Circular
PIN38574		22	13	Arch
PIN38576		50	31	Arch
PIN38578		22	13	Arch
PIN38579		22	13	Arch
PIN56729		22	13	Arch
PIN60356		22	13	Arch
PIN60357		22	13	Arch



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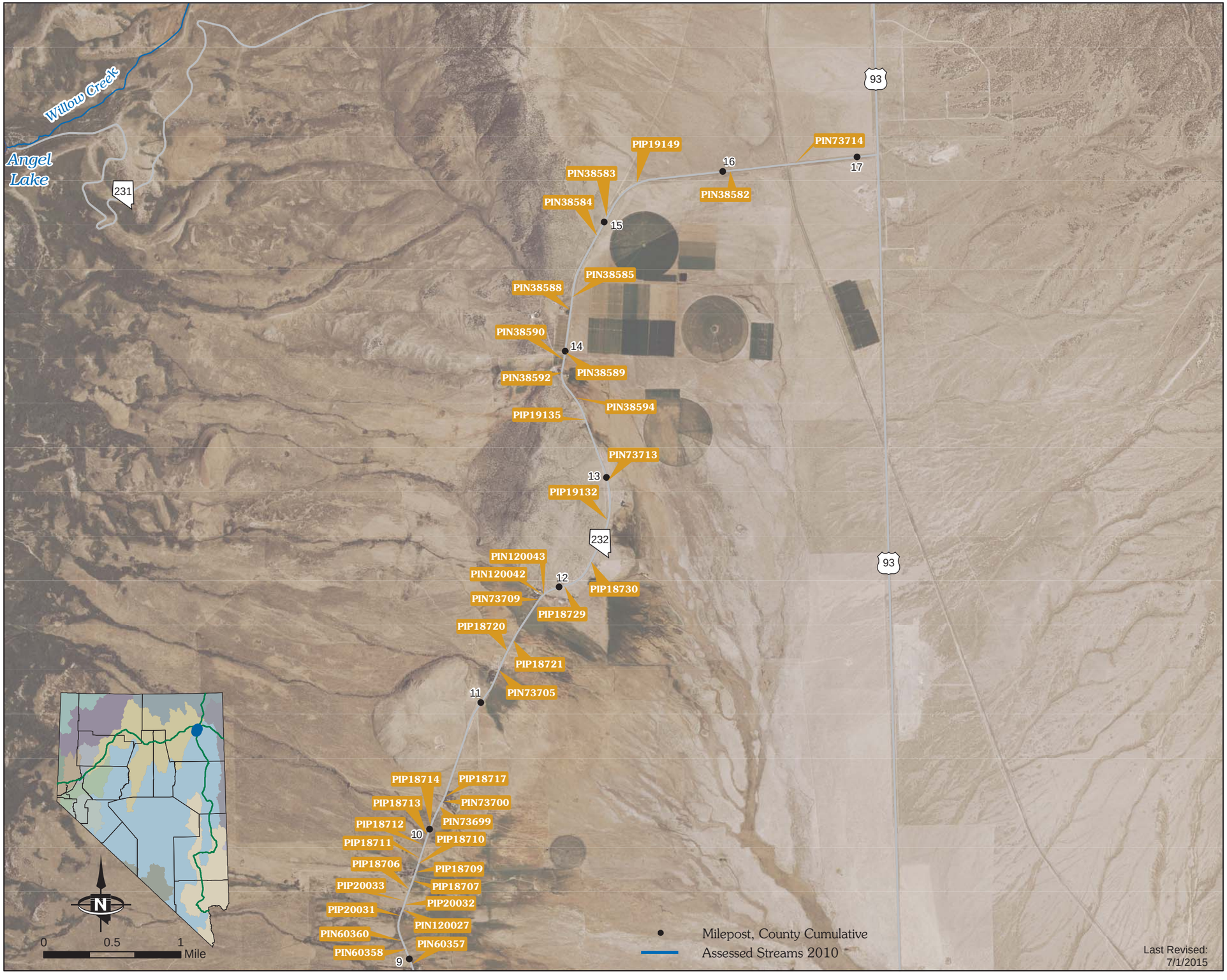
All Environmentally Reportable Facilities

SR 232 Corridor (MP 9 to US 93)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP18706		22	13	Arch
PIP18707	36			Circular
PIP18709		22	13	Arch
PIP18710	36			Circular
PIP18711		22	13	Arch
PIP18712		29	18	Arch
PIP18713		29	18	Arch
PIP18714		43	27	Arch
PIP18717		22	13	Arch
PIP18720		22	13	Arch
PIP18721		22	13	Arch
PIP18729		29	18	Arch
PIP18730		29	18	Arch
PIP19132		29	18	Arch
PIP19135	36			Circular
PIP19149		29	18	Arch
PIP20031		43	27	Arch
PIP20032		22	13	Arch
PIP20033		22	13	Arch
PIN38582		43	27	Arch
PIN38583		29	18	Arch
PIN38584		22	13	Arch
PIN38585		43	27	Arch
PIN38588		22	13	Arch
PIN38589		22	13	Arch
PIN38590		72	44	Arch
PIN38592		22	13	Arch
PIN38594		29	18	Arch
PIN60357		22	13	Arch
PIN60358		22	13	Arch
PIN60360	48			Circular
PIN73699		22	13	Arch
PIN73700		43	27	Arch
PIN73705		29	18	Arch
PIN73709		22	13	Arch
PIN73713		29	18	Arch
PIN73714		22	13	Arch
PIN120027		22	13	Arch
PIN120042	18			Circular
PIN120043	18			Circular



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All Environmentally Reportable Facilities

SR 232 Corridor (MP 2.62 to MP 5)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP19112		29	18	Arch
PIP19113		22	13	Arch
PIP19114		43	27	Arch
PIP19116		29	18	Arch
PIP19118	36			Circular
PIP20282	36			Circular
PIP20284		29	18	Arch
PIP20307		43	27	Arch
PIP20309		72	44	Arch
PIP20311		43	27	Arch
PIP20312		22	13	Arch
PIP20313		43	27	Arch
PIP20314	18			Circular
PIP20318		29	18	Arch
PIP20319		29	18	Arch
PIP20320		43	27	Arch
PIP20331		29	18	Arch
PIN37384		43	27	Arch
PIN37388	36			Circular
PIN56437		36	22	Arch
PIN60761		29	18	Arch
PIN120001		36	22	Arch

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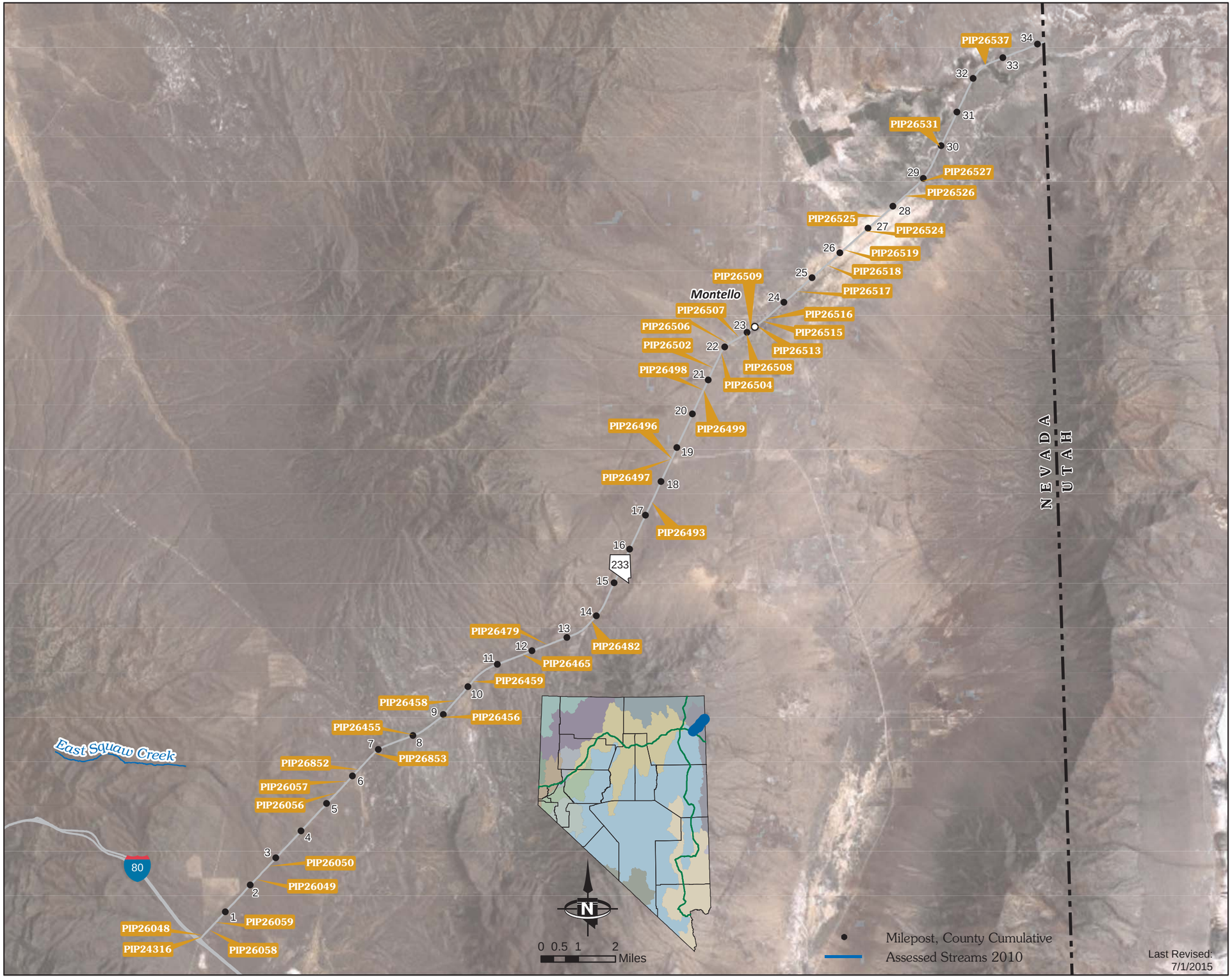
All Environmentally Reportable Facilities

SR 233 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP24316	36			Circular
PIP26048	36			Circular
PIP26049		29	18	Arch
PIP26050		43	27	Arch
PIP26056		29	18	Arch
PIP26057		29	18	Arch
PIP26058		29	18	Arch
PIP26059	48			Circular
PIP26455		29	18	Arch
PIP26456		43	27	Arch
PIP26458		29	18	Box
PIP26459		58	36	Arch
PIP26465		29	18	Arch
PIP26479	36			Circular
PIP26482	60			Circular
PIP26493		29	18	Arch
PIP26496	60			Circular
PIP26497	60			Circular
PIP26498		29	18	Arch
PIP26499		26	18	Arch
PIP26502		29	18	Arch
PIP26504	36			Circular
PIP26506		29	18	Arch
PIP26507		29	18	Arch
PIP26508		29	18	Arch
PIP26509		22	13	Arch
PIP26513		22	13	Arch
PIP26515		22	16	Arch
PIP26516		192	192	Box
PIP26517		29	18	Arch
PIP26518		29	18	Arch
PIP26519		22	13	Arch
PIP26524		22	13	Arch
PIP26525		22	13	Arch
PIP26526		22	13	Arch
PIP26527		22	13	Arch
PIP26531	36			Circular
PIP26537	36			Circular
PIP26852	36			Circular
PIP26853		29	18	Arch



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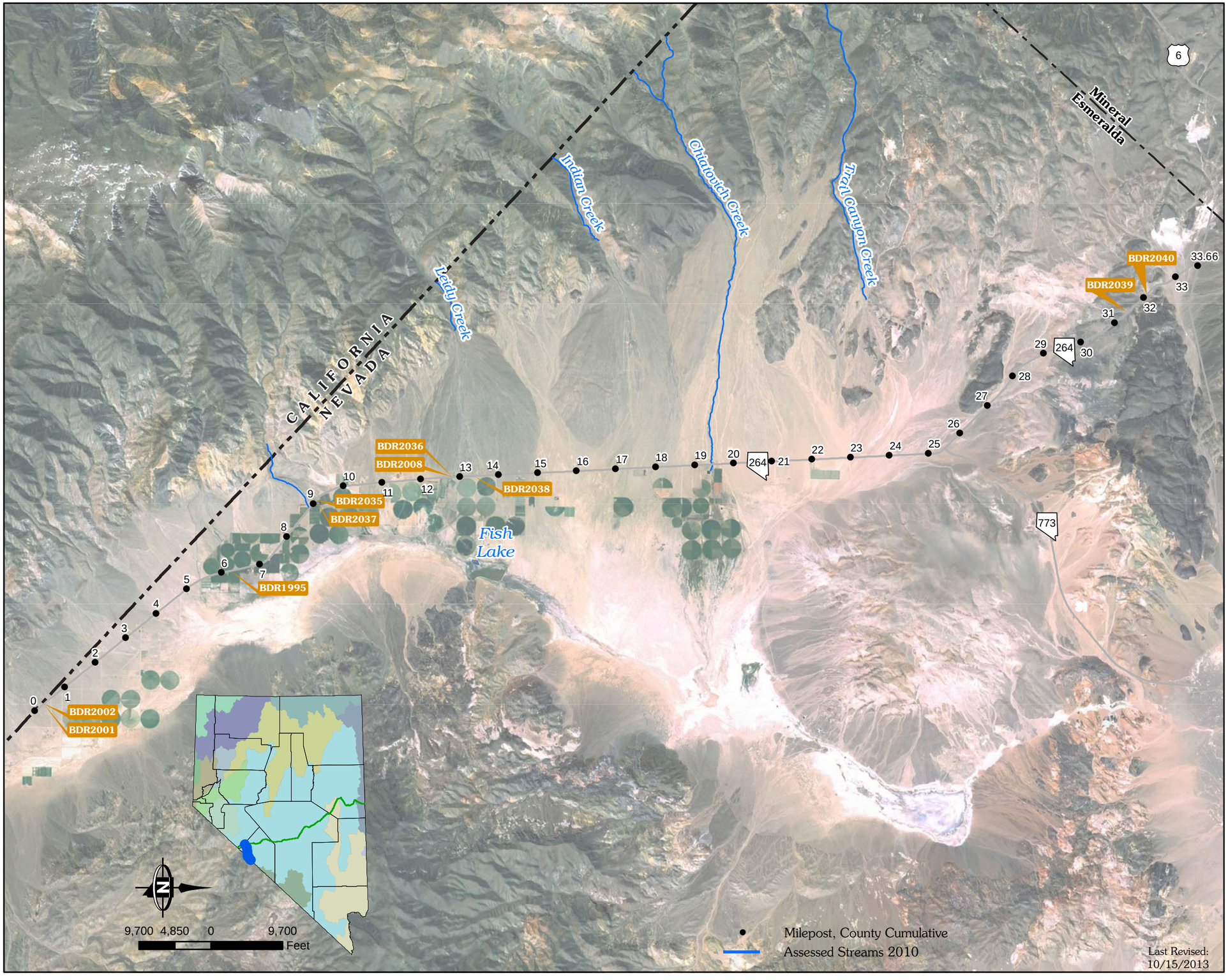
All Environmentally Reportable Facilities

SR 264 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR1995		43	27	Arch
BDR2001	36			Circular
BDR2002	36			Circular
BDR2035	36			Circular
BDR2036	36			Circular
BDR2008	36			Circular
BDR2037	36			Circular
BDR2038	36			Circular
BDR2039	48			Circular
BDR2040	48			Circular



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FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 265 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**

No Reportable Facilities

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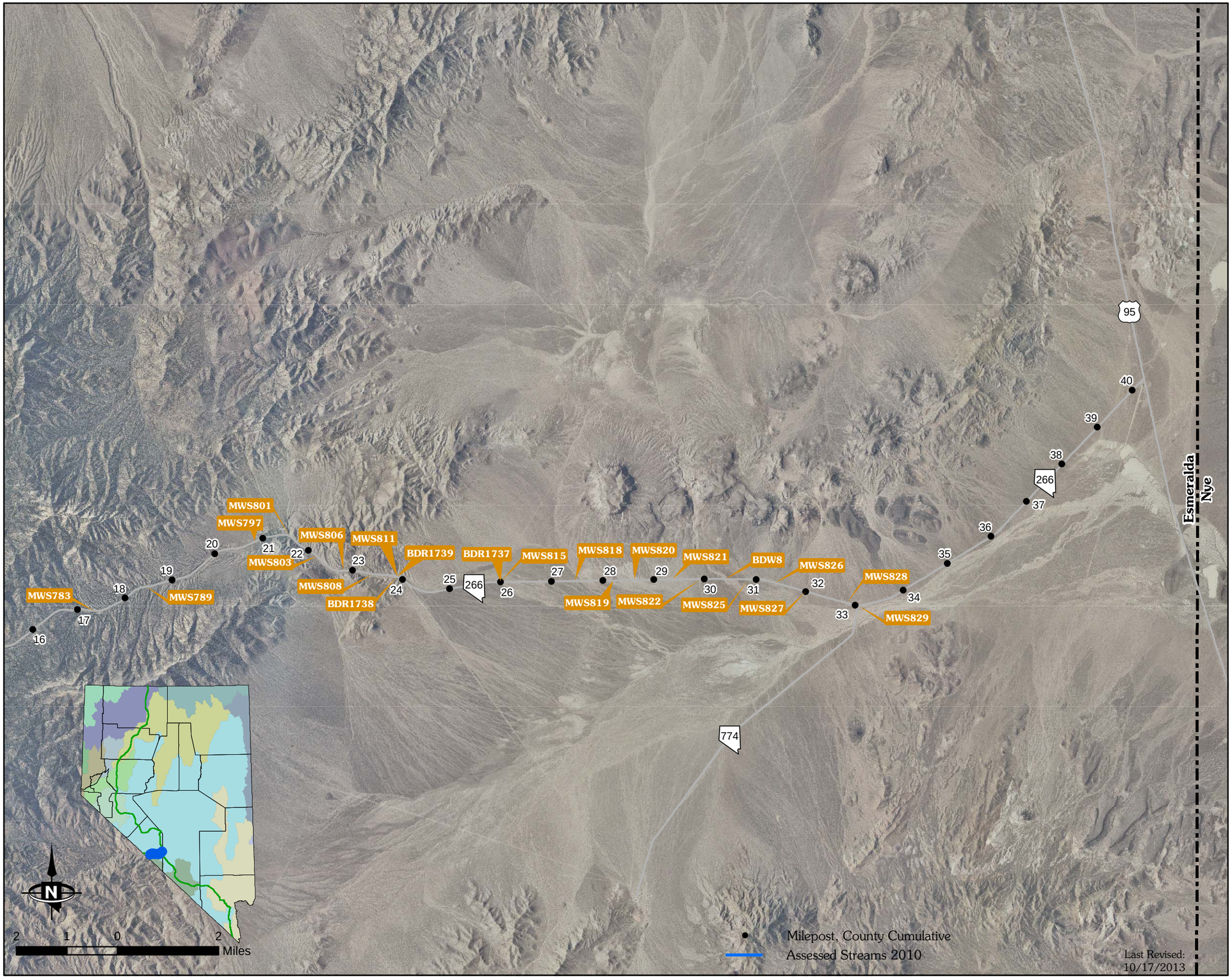
All Environmentally Reportable Facilities

SR 266 Corridor (East)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDW6		52	41	Arch
BDW7		52	41	Arch
BDW8		52	41	Arch
MWS789	36			Circular
MWS797		43	27	Arch
MWS801	36			Circular
MWS803		43	27	Arch
MWS806	36			Circular
MWS808		43	27	Arch
MWS811	36			Circular
MWS783		43	27	Arch
MWS815		40	30	Arch
MWS818		40	30	Arch
MWS819		29	18	Arch
MWS820		29	18	Arch
MWS821		29	18	Arch
MWS822		40	30	Arch
MWS825		29	18	Arch
MWS826		29	18	Arch
MWS827		29	18	Arch
MWS828		29	18	Arch
MWS829		29	18	Arch
BDR1738		43	27	Arch
BDR1739		43	27	Arch
BDR1737		40	30	Arch



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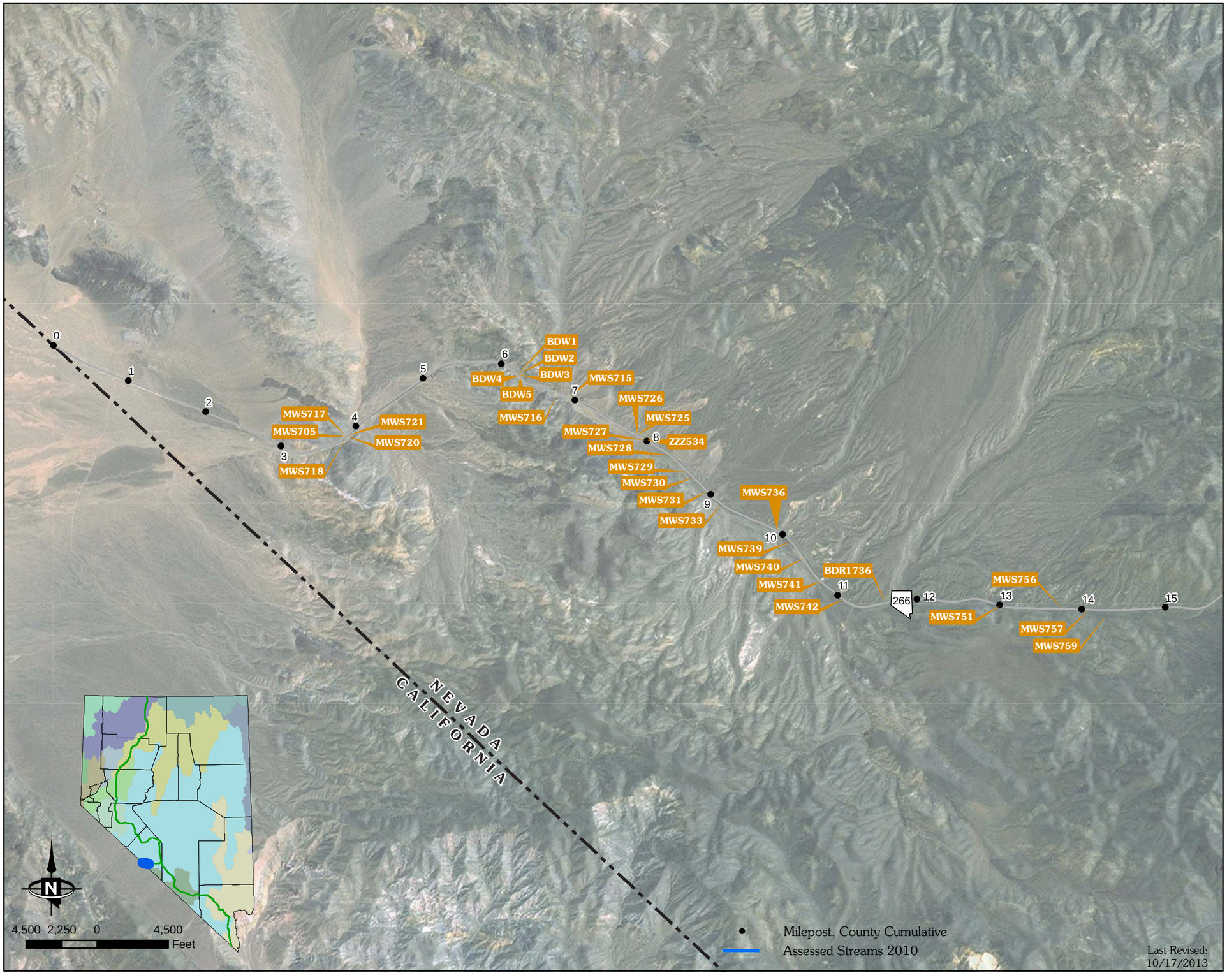
All Environmentally Reportable Facilities

SR 266 Corridor (West)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDW1	60			Circular
BDW2	60			Circular
BDW3	60			Circular
BDW4	60			Circular
BDW5	60			Circular
MWS705	60			Circular
MWS715	36			Circular
MWS716	36			Circular
MWS717	60			Circular
MWS718	60			Circular
MWS720	60			Circular
MWS721	60			Circular
MWS725	36			Circular
MWS726	36			Circular
MWS727	36			Circular
MWS728	36			Circular
MWS729	36			Circular
MWS730	36			Circular
MWS731	36			Circular
MWS733	36			Circular
MWS736		43	27	Arch
MWS737		43	27	Arch
MWS739		43	27	Arch
MWS740		43	27	Arch
MWS741		43	27	Arch
MWS742		43	27	Arch
MWS745	36			Circular
MWS751	36			Circular
MWS756	36			Circular
MWS757	36			Circular
MWS759	36			Circular
BDR1736	36			Circular
ZZZ534	36			Circular



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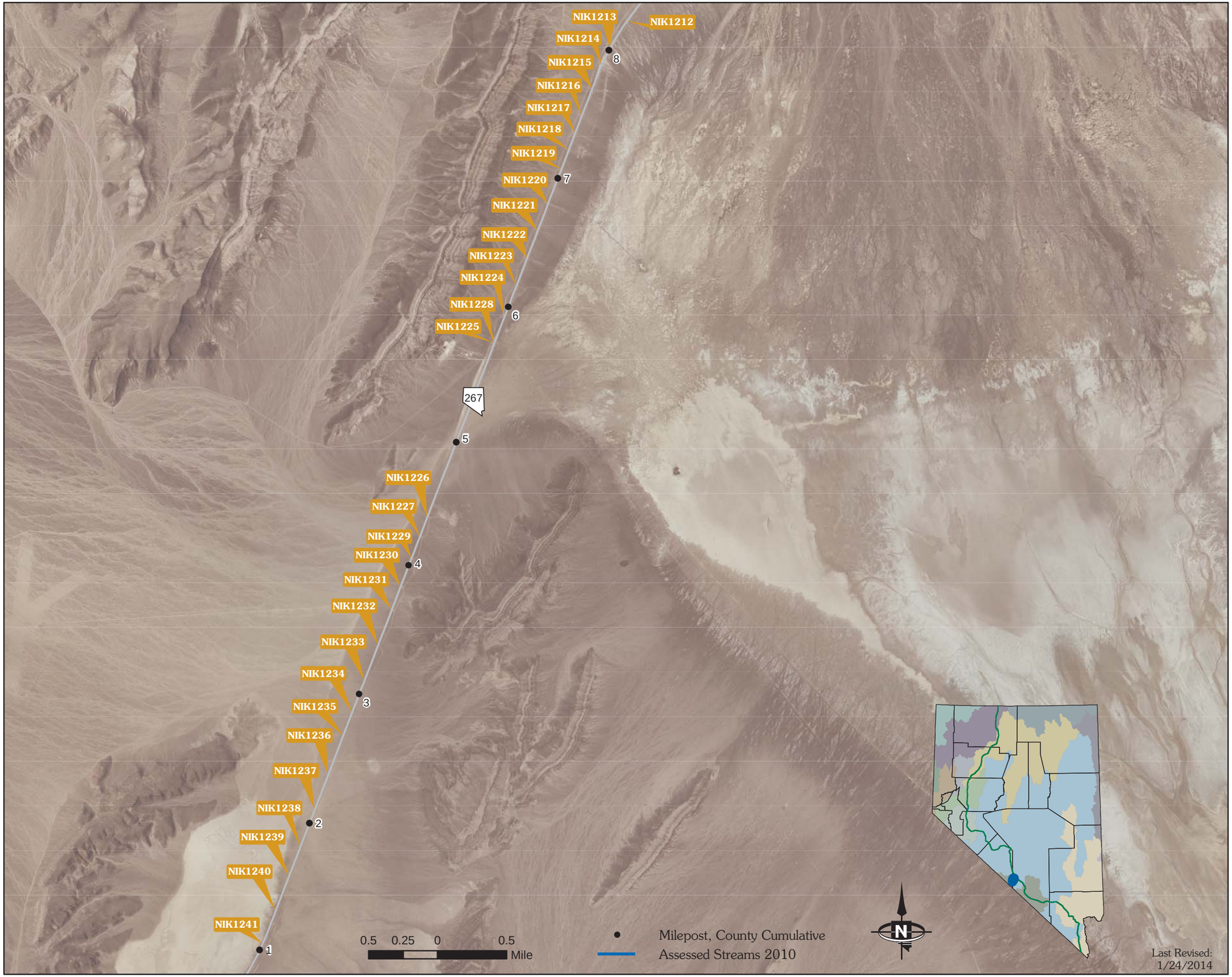
All Environmentally Reportable Facilities

SR 267 Corridor (Central)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1212		29	18	Arch
NIK1213		43	27	Arch
NIK1214		29	18	Arch
NIK1215		29	18	Arch
NIK1216		29	18	Arch
NIK1217		29	18	Arch
NIK1218		29	18	Arch
NIK1219		36	22	Arch
NIK1220		29	18	Arch
NIK1221		29	18	Arch
NIK1222		29	18	Arch
NIK1223		29	18	Arch
NIK1224		29	18	Arch
NIK1225		29	18	Arch
NIK1226		29	18	Arch
NIK1227		36	22	Arch
NIK1229		29	18	Arch
NIK1230		29	18	Arch
NIK1231		29	18	Arch
NIK1232		29	18	Arch
NIK1233		29	18	Arch
NIK1234		29	18	Arch
NIK1235		29	18	Arch
NIK1236		29	18	Arch
NIK1237		29	18	Arch
NIK1238		29	18	Arch
NIK1239		29	18	Arch
NIK1240		29	18	Arch
NIK1241		29	18	Arch
NIK1228		29	18	Arch



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All Environmentally Reportable Facilities

SR 267 Corridor (East)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1192		29	18	Arch
NIK1193		29	18	Arch
NIK1194		29	18	Arch
NIK1195		29	18	Arch
NIK1196		29	18	Arch
NIK1197		29	18	Arch
NIK1198		29	18	Arch
NIK1199		29	18	Arch
NIK1200		29	18	Arch
NIK1201		29	18	Arch
NIK1202		43	27	Arch
NIK1203		29	18	Arch
NIK1206		29	18	Arch
NIK1207		36	22	Arch
NIK1208		36	22	Arch
NIK1209		29	18	Arch
NIK1210		29	18	Arch
NIK1211		29	18	Arch
NIK1212		29	18	Arch
BDR3401		29	18	Arch
BDR3402		29	18	Arch
NIK1204		29	18	Arch

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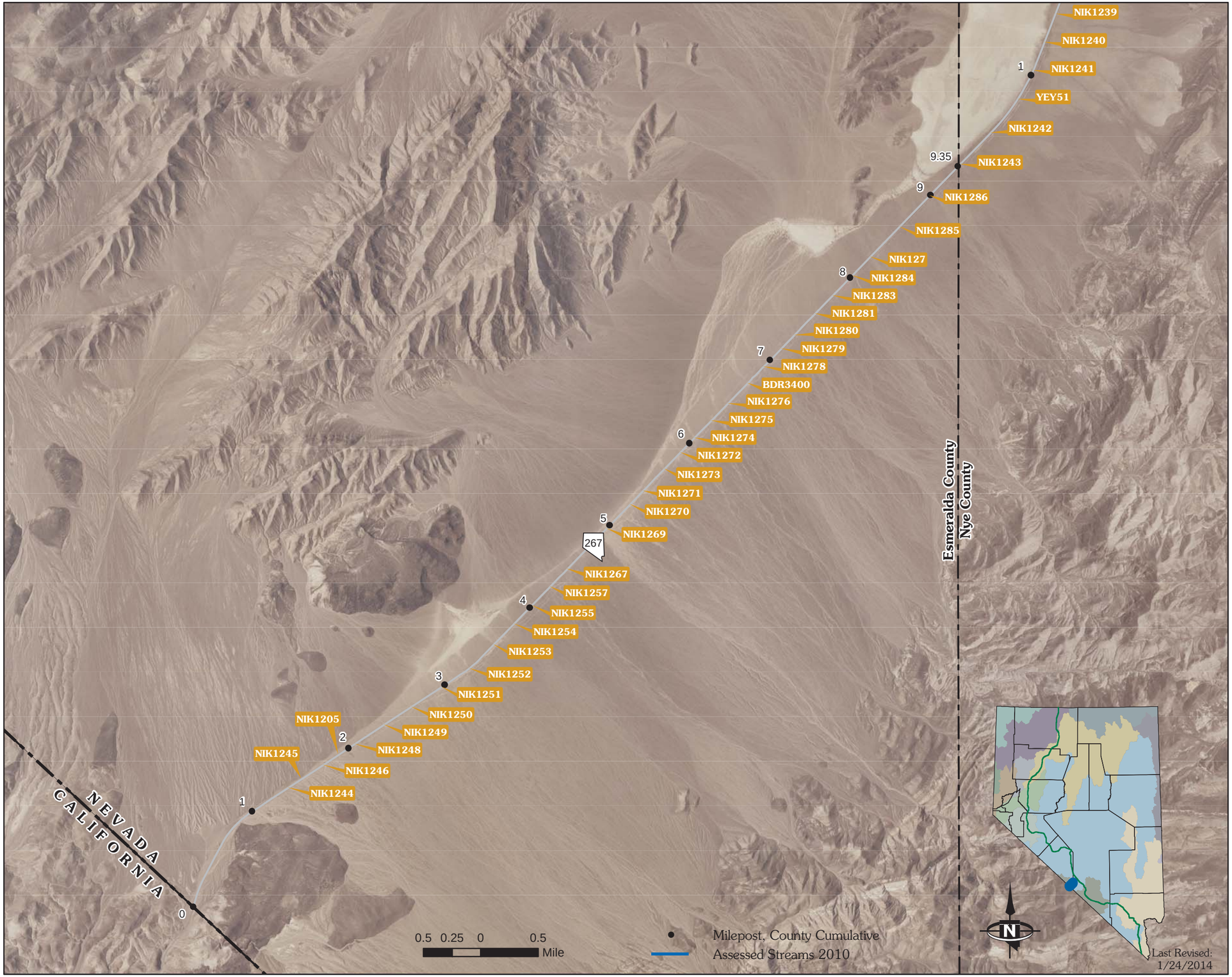
SR 267 Corridor (West)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1239		29	18	Arch
NIK1240		29	18	Arch
NIK1241		29	18	Arch
NIK1242		29	18	Arch
NIK1243		29	18	Arch
NIK1244		29	18	Arch
NIK1245		29	18	Arch
NIK1246		29	18	Arch
NIK1205		29	18	Arch
NIK1248		29	18	Arch
NIK1249		29	18	Arch
NIK1250		29	18	Arch
NIK1251		29	18	Arch
NIK1252		29	18	Arch
NIK1253		29	18	Arch
NIK1254		29	18	Arch
NIK1255		29	18	Arch
NIK1257		29	18	Arch
NIK1267		29	18	Arch
NIK1269		29	18	Arch
NIK1270		29	18	Arch
NIK1271		29	18	Arch
NIK1272		29	18	Arch
NIK1273		29	18	Arch
NIK1274		29	18	Arch
NIK1275		29	18	Arch
NIK1276		29	18	Arch
BDR3400		29	18	Arch
NIK1278		29	18	Arch
NIK1279		29	18	Arch
NIK1280		29	18	Arch
NIK1281		29	18	Arch
NIK1283		29	18	Arch
NIK1284		29	18	Arch
NIK127		29	18	Arch
NIK1285		29	18	Arch
NIK1286		29	18	Arch
YEY51		29	18	Arch



STATE OF NEVADA
HYDRAULIC
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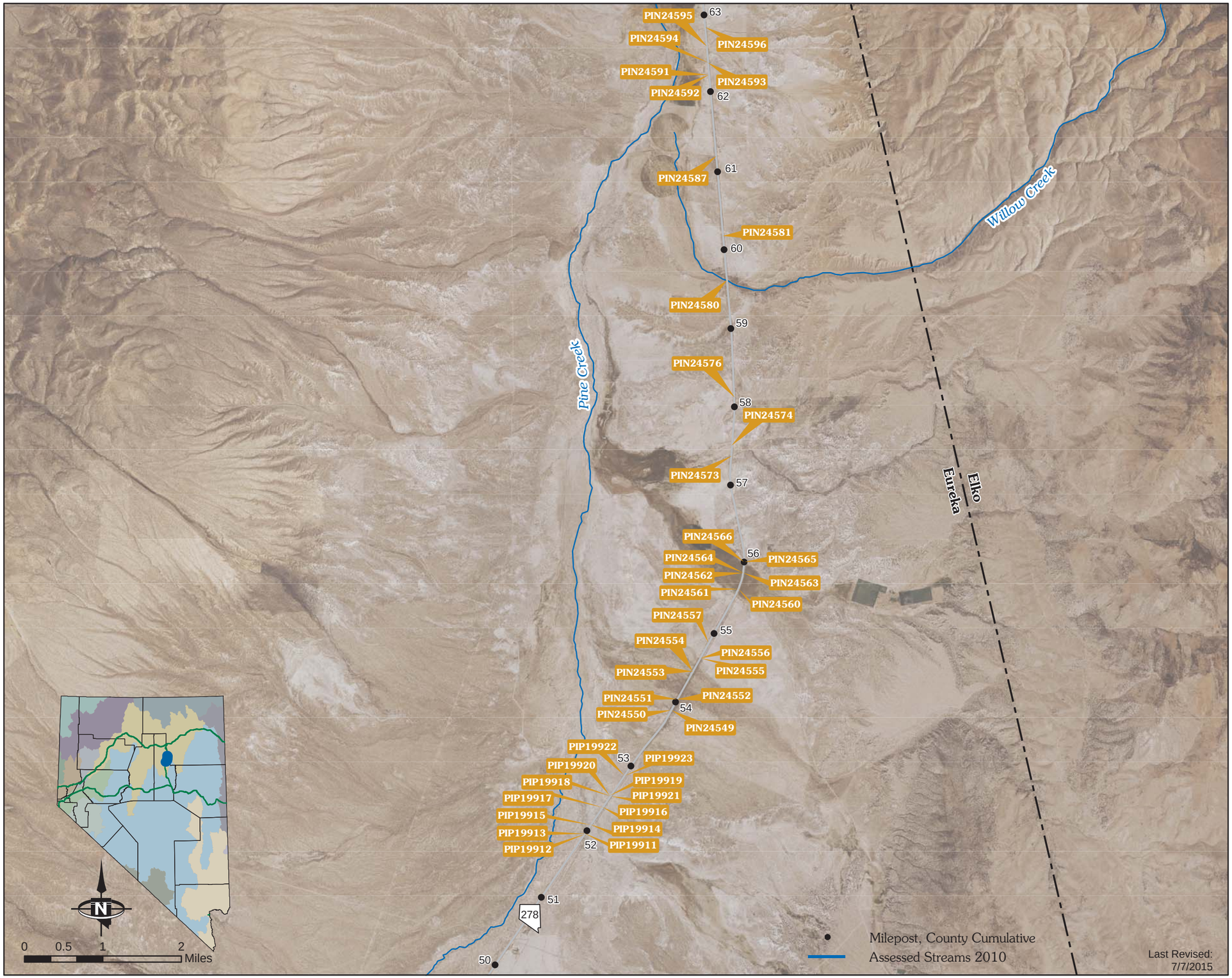
All Environmentally Reportable Facilities

SR 278 Corridor (MP EU 50 to MP EU 63)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP19911	36			Circular
PIP19912	36			Circular
PIP19913	36			Circular
PIP19914	36			Circular
PIP19915	36			Circular
PIP19916	36			Circular
PIP19917	36			Circular
PIP19918	36			Circular
PIP19919	36			Circular
PIP19920	36			Circular
PIP19921	36			Circular
PIP19922	30			Circular
PIP19923	30			Circular
PIN24549	24			Circular
PIN24550	24			Circular
PIN24551	36			Circular
PIN24552	36			Circular
PIN24553	36			Circular
PIN24554	36			Circular
PIN24555	36			Circular
PIN24556	36			Circular
PIN24557	36			Circular
PIN24560	24			Circular
PIN24561	24			Circular
PIN24562	36			Circular
PIN24563	36			Circular
PIN24564	36			Circular
PIN24565	36			Circular
PIN24566	36			Circular
PIN24573	36			Circular
PIN24574		70	146	Arch
PIN24576	36			Circular
PIN24580	72			Circular
PIN24581	36			Circular
PIN24587	36			Circular
PIN24591	24			Circular
PIN24592	24			Circular
PIN24593	24			Circular
PIN24594	24			Circular
PIN24595	36			Circular
PIN24596		29	18	Arch



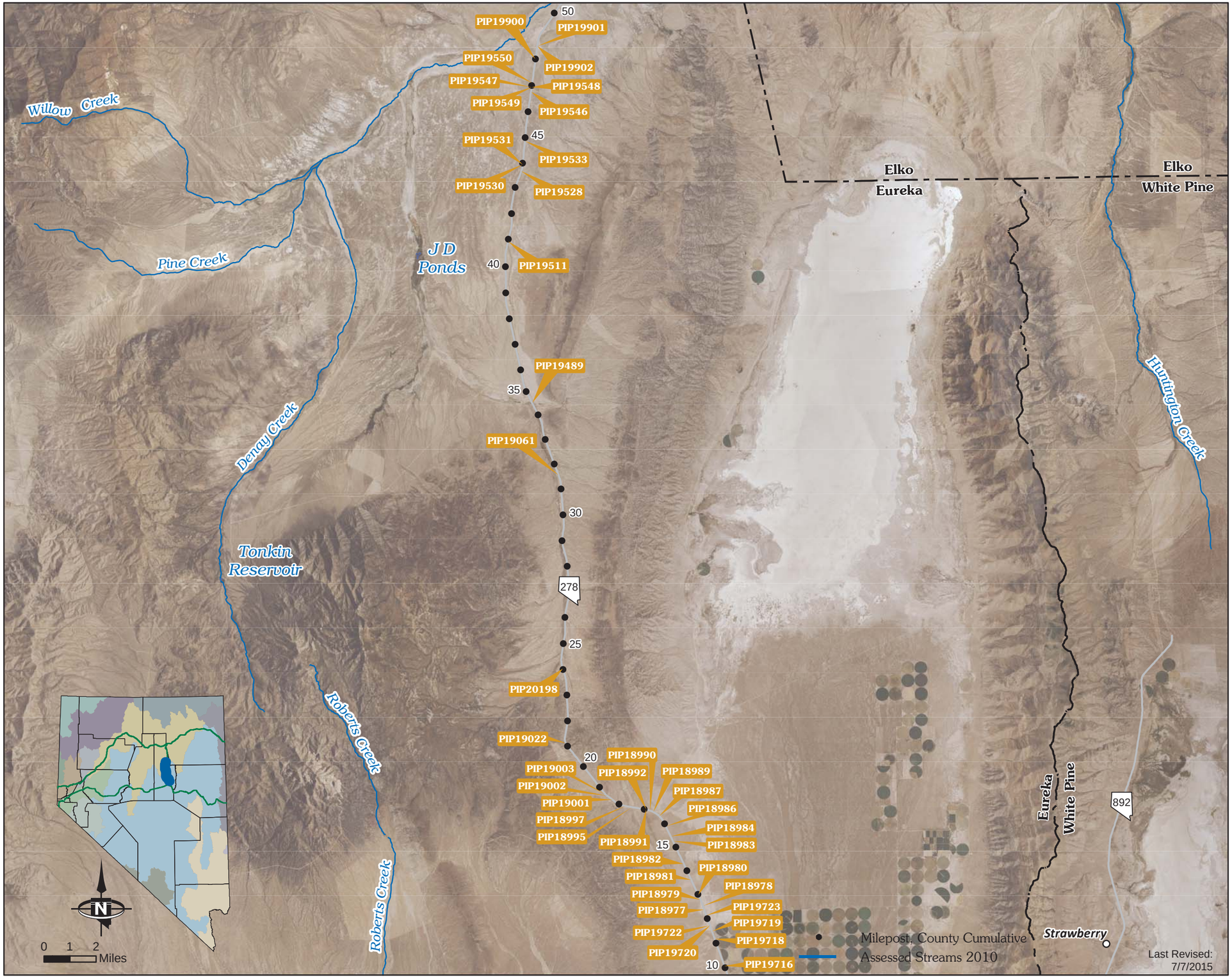
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 278 Corridor (MP EU 10 to MP EU 50)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP18977		21.5	13.5	Arch
PIP18978		21.5	13.5	Arch
PIP18979		21.5	13.5	Arch
PIP18980		21.5	13.5	Arch
PIP18981		21.5	13.5	Arch
PIP18982		30	17	Arch
PIP18983		21.5	13.5	Arch
PIP18984		21.5	13.5	Arch
PIP18986		21.5	13.5	Arch
PIP18987		21.5	13.5	Arch
PIP18989		21.5	13.5	Arch
PIP18990		30	17	Arch
PIP18991		96	72	Box
PIP18992		96	72	Box
PIP18995		21.5	13.5	Arch
PIP18997		30	17	Arch
PIP19001		120	36	Box
PIP19002		21.5	13.5	Arch
PIP19003		30	17	Arch
PIP19022	36			Circular
PIP19061	36			Circular
PIP19489	48			Circular
PIP19511	36			Circular
PIP19528	36			Circular
PIP19530	72			Circular
PIP19531	72			Circular
PIP19533	48			Circular
PIP19546	36			Circular
PIP19547	30			Circular
PIP19548	30			Circular
PIP19549	30			Circular
PIP19550	36			Circular
PIP19716	36			Circular
PIP19718		21.5	13.5	Arch
PIP19719		21.5	13.5	Arch
PIP19720		30	17	Arch
PIP19722		30	17	Arch
PIP19723		30	17	Arch
PIP19900	36			Circular
PIP19901	36			Circular
PIP19902	36			Circular
PIP20198	48			Circular



STATE OF NEVADA
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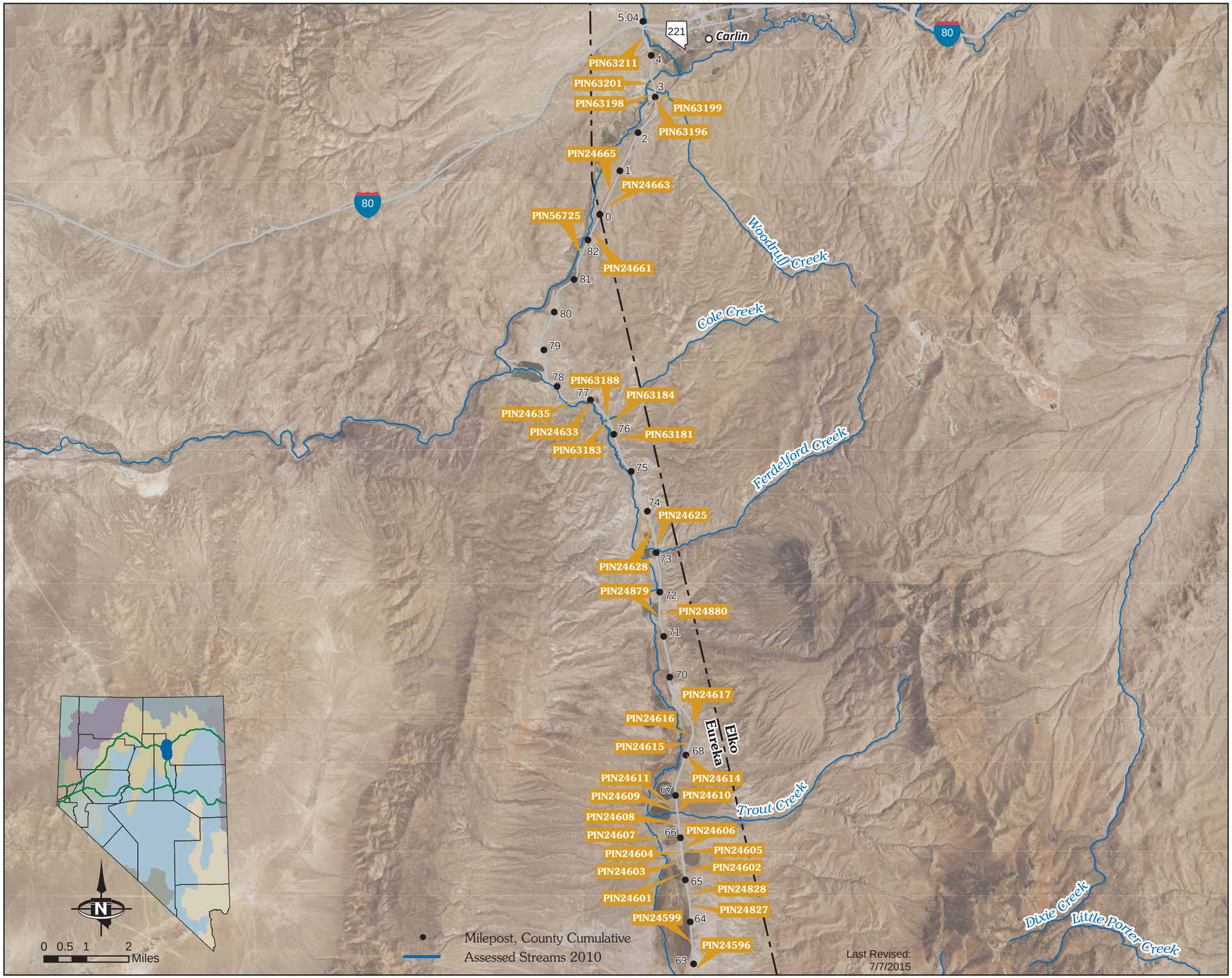
All Environmentally Reportable Facilities

SR 278 Corridor (MP EU 63 to MP EL 5.04)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN24596		29	18	Arch
PIN24599		22	13	Arch
PIN24601		29	18	Arch
PIN24602		29	18	Arch
PIN24603		29	18	Arch
PIN24604		29	18	Arch
PIN24605		29	18	Arch
PIN24606		29	18	Arch
PIN24607		29	18	Arch
PIN24608		29	18	Arch
PIN24609		72	72	Box
PIN24610		72	72	Box
PIN24611	48			Circular
PIN24614		29	18	Arch
PIN24615		29	18	Arch
PIN24616		29	18	Arch
PIN24617		29	18	Arch
PIN24625		72	72	Box
PIN24628	36			Circular
PIN24633	48			Circular
PIN24635	36			Circular
PIN24661	48			Circular
PIN24663	36			Circular
PIN24665	36			Circular
PIN24827		29	18	Arch
PIN24828		29	18	Arch
PIN24879		72	72	Box
PIN24880	48			Circular
PIN56725	36			Circular
PIN63181		72	72	Box
PIN63183		96	72	Box
PIN63184		29	18	Arch
PIN63188		29	18	Arch
PIN63196	36			Circular
PIN63197	36			Circular
PIN63198		96	84	Box
PIN63199				Circular
PIN63201		72	72	Box
PIN63211	84			Circular



STATE OF NEVADA
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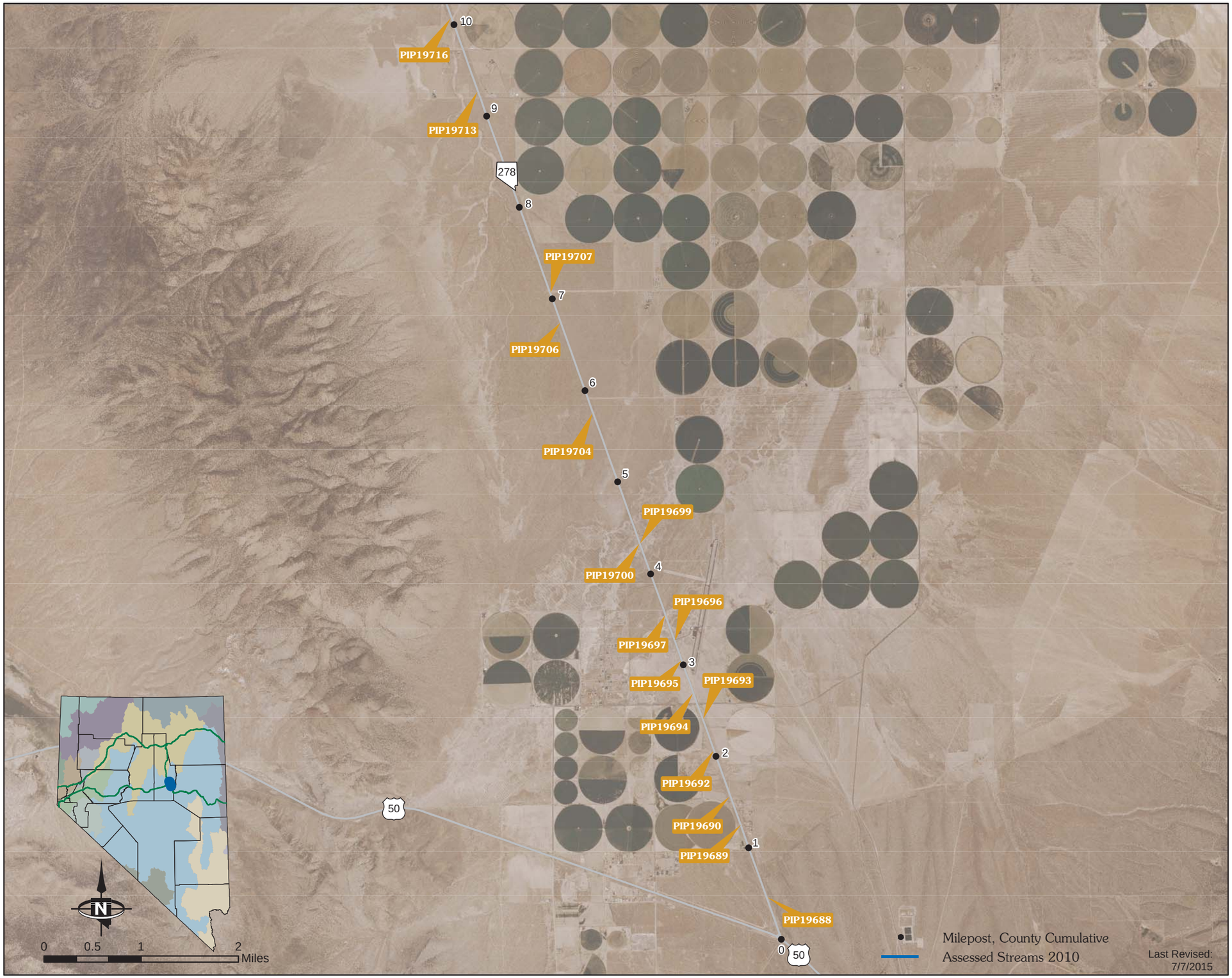
All Environmentally Reportable Facilities

SR 278 Corridor (US 50 to MP EU 10)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP19688	36			Circular
PIP19689		21.5	13.5	Arch
PIP19690		44	25	Arch
PIP19692		21.5	13.5	Arch
PIP19693		21.5	13.5	Arch
PIP19694		21.5	13.5	Arch
PIP19695		21.5	13.5	Arch
PIP19696		21.5	13.5	Arch
PIP19697		21.5	13.5	Arch
PIP19699		120	36	Box
PIP19700		120	36	Box
PIP19704		21.5	13.5	Arch
PIP19706		21.5	13.5	Arch
PIP19707		21.5	13.5	Arch
PIP19713		21.5	13.5	Arch
PIP19716	36			Circular



STATE OF NEVADA
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All Environmentally Reportable Facilities

SR 290 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP19027		36	24	Arch
PIP19028		36	24	Arch
PIP19043	36			Circular
PIP19211	36			Circular
PIP20221	36			Circular
PIP20228	24			Circular
PIP20230	24			Circular
PIP20500		60	36	Arch
PIP20501		60	36	Arch

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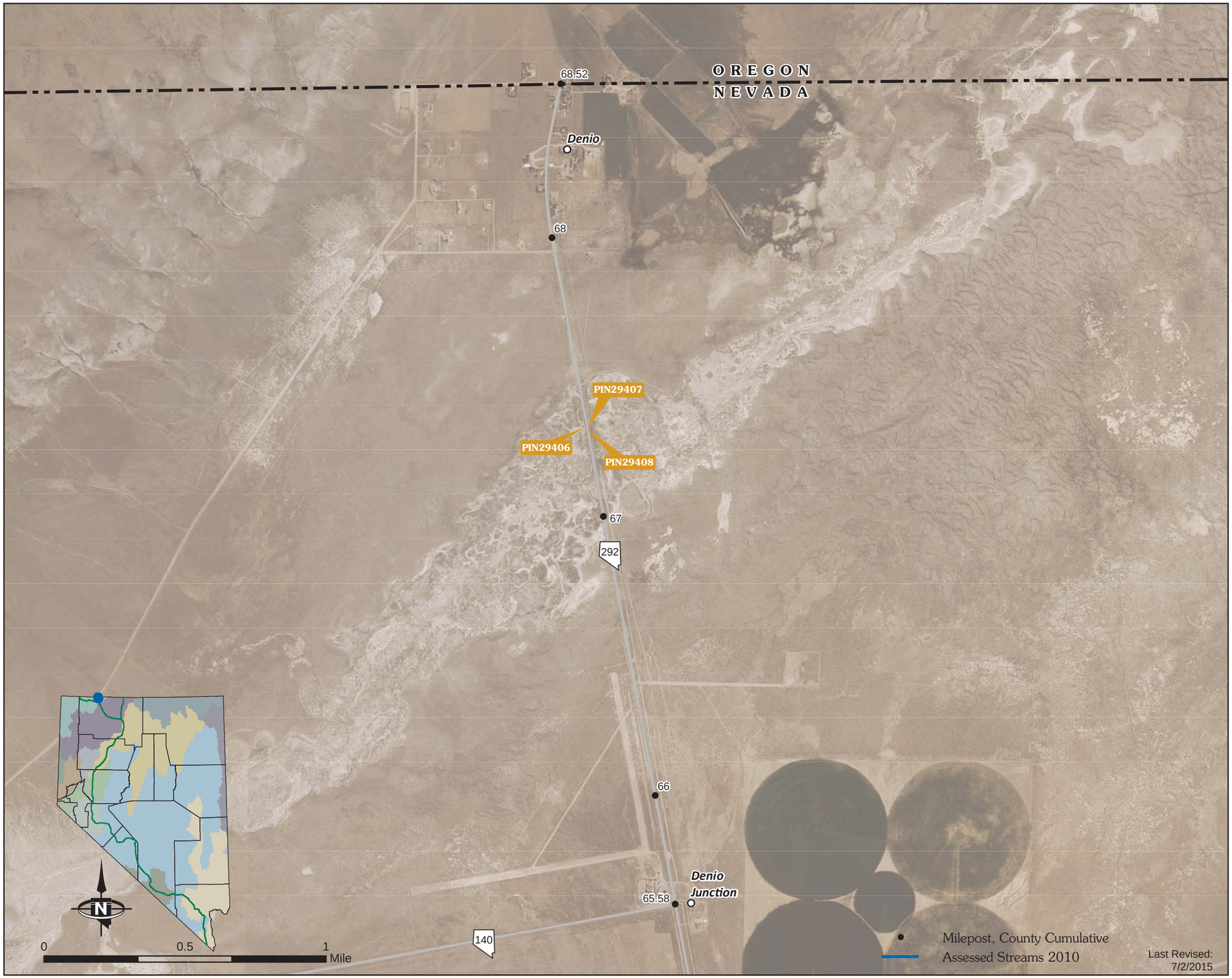
All Environmentally Reportable Facilities

SR 292 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN29406	42			Circular
PIN29407	42			Circular
PIN29408	42			Circular



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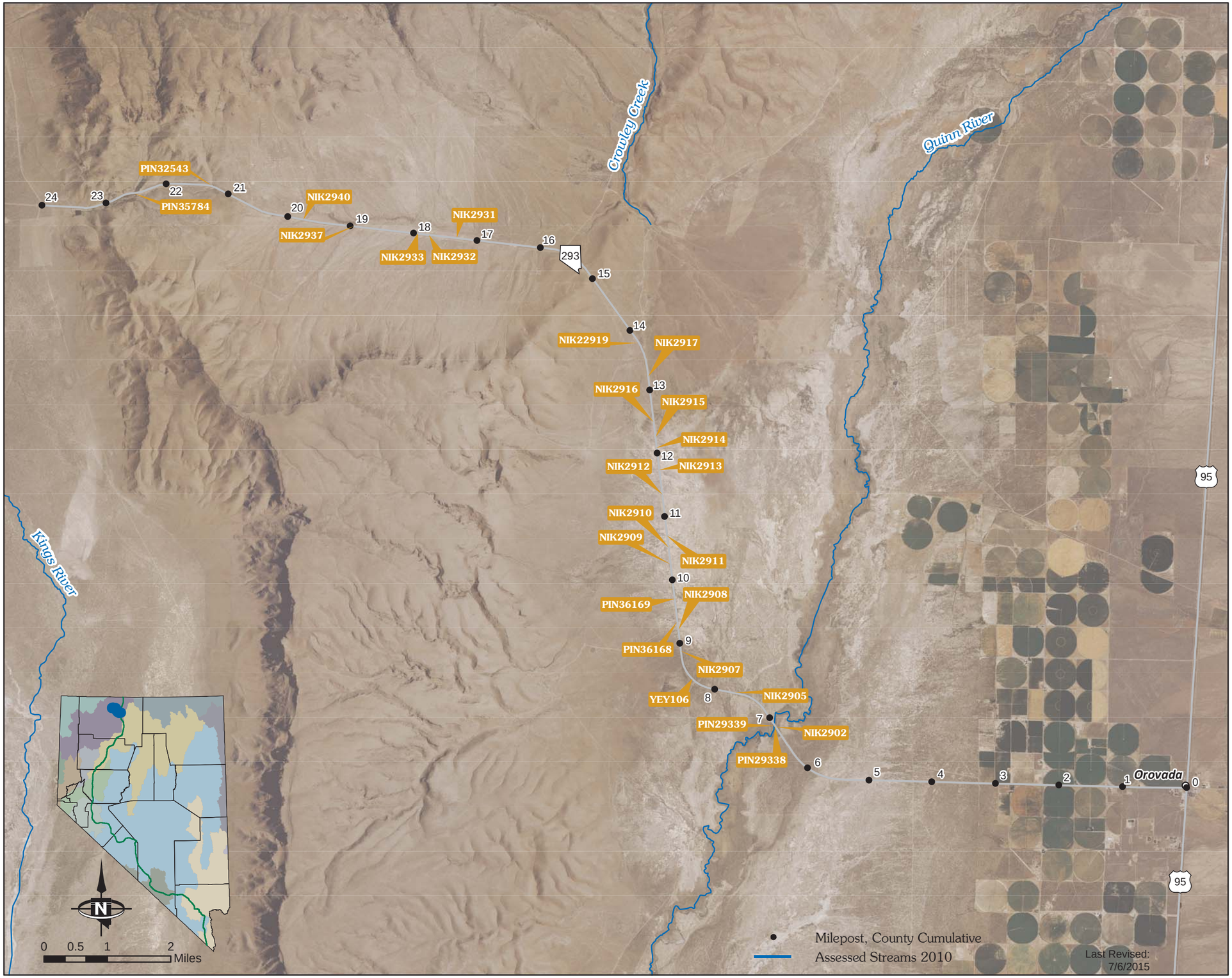
All Environmentally Reportable Facilities

SR 293 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK2902		144	120	Box
NIK2905	60			Circular
NIK2907		30	19	Elliptical
NIK2908		30	19	Elliptical
NIK2909		30	19	Elliptical
NIK2910		30	19	Elliptical
NIK2911		30	19	Elliptical
NIK2912		30	19	Elliptical
NIK2913		30	19	Elliptical
NIK2914		30	19	Elliptical
NIK2915		30	19	Elliptical
NIK2916		30	19	Elliptical
NIK2917		30	19	Elliptical
NIK22919	36			Circular
NIK2931	36			Circular
NIK2932	36			Circular
NIK2933	36			Circular
NIK2937	36			Circular
NIK2940	36			Circular
YEY106		36	19	Elliptical
PIN29338		144	120	Box
PIN29339		144	120	Box
PIN32543	36			Circular
PIN35784	60			Circular
PIN36168		30	19	Elliptical
PIN36169		30	19	Elliptical



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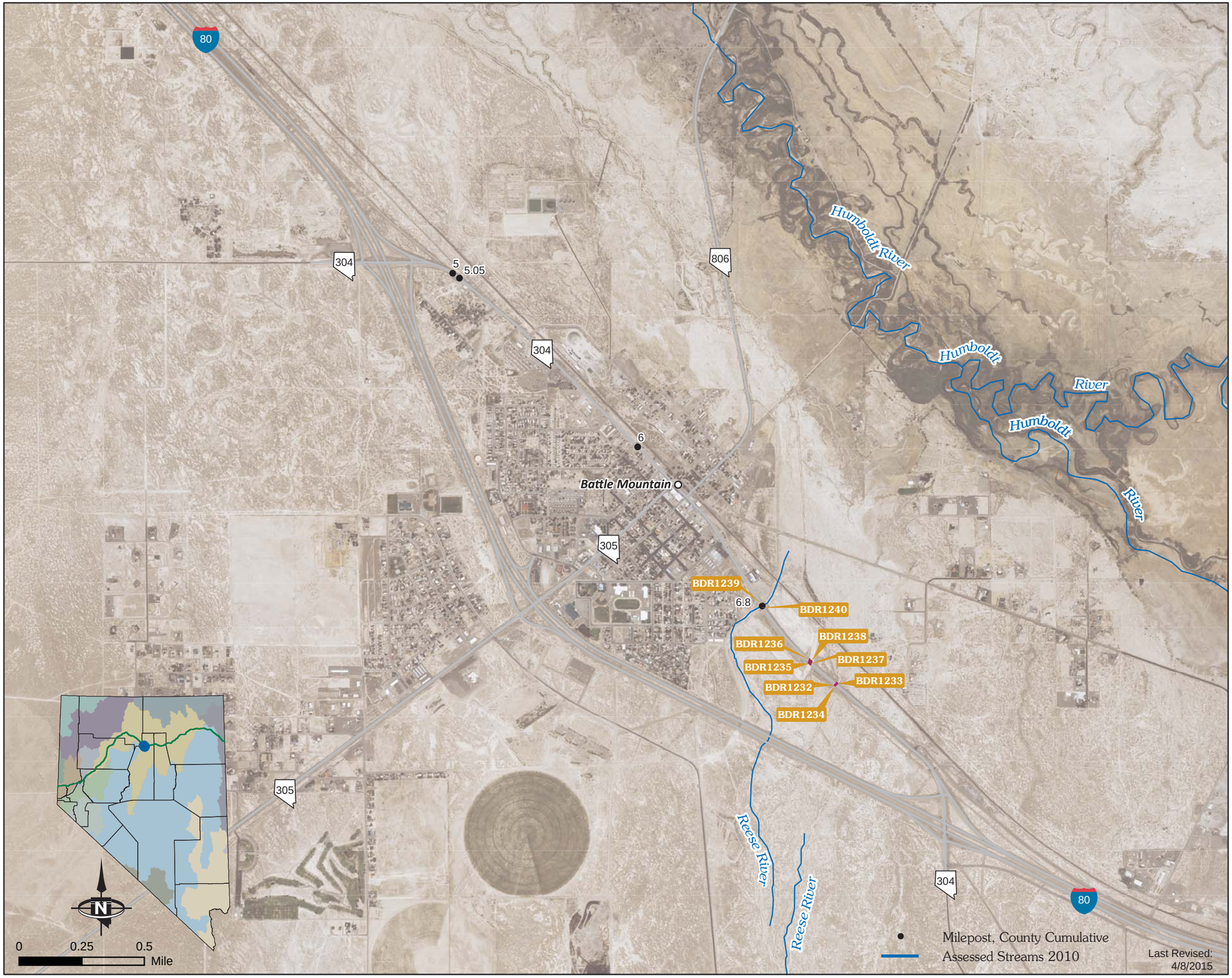
All Environmentally Reportable Facilities

SR 304 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR1232		96	36	Box
BDR1234		96	36	Box
BDR1233		96	36	Box
BDR1235	48			Circular
BDR1236	48			Circular
BDR1237	48			Circular
BDR1238	48			Circular
BDR1239	60			Circular
BDR1240	60			Circular



STATE OF NEVADA
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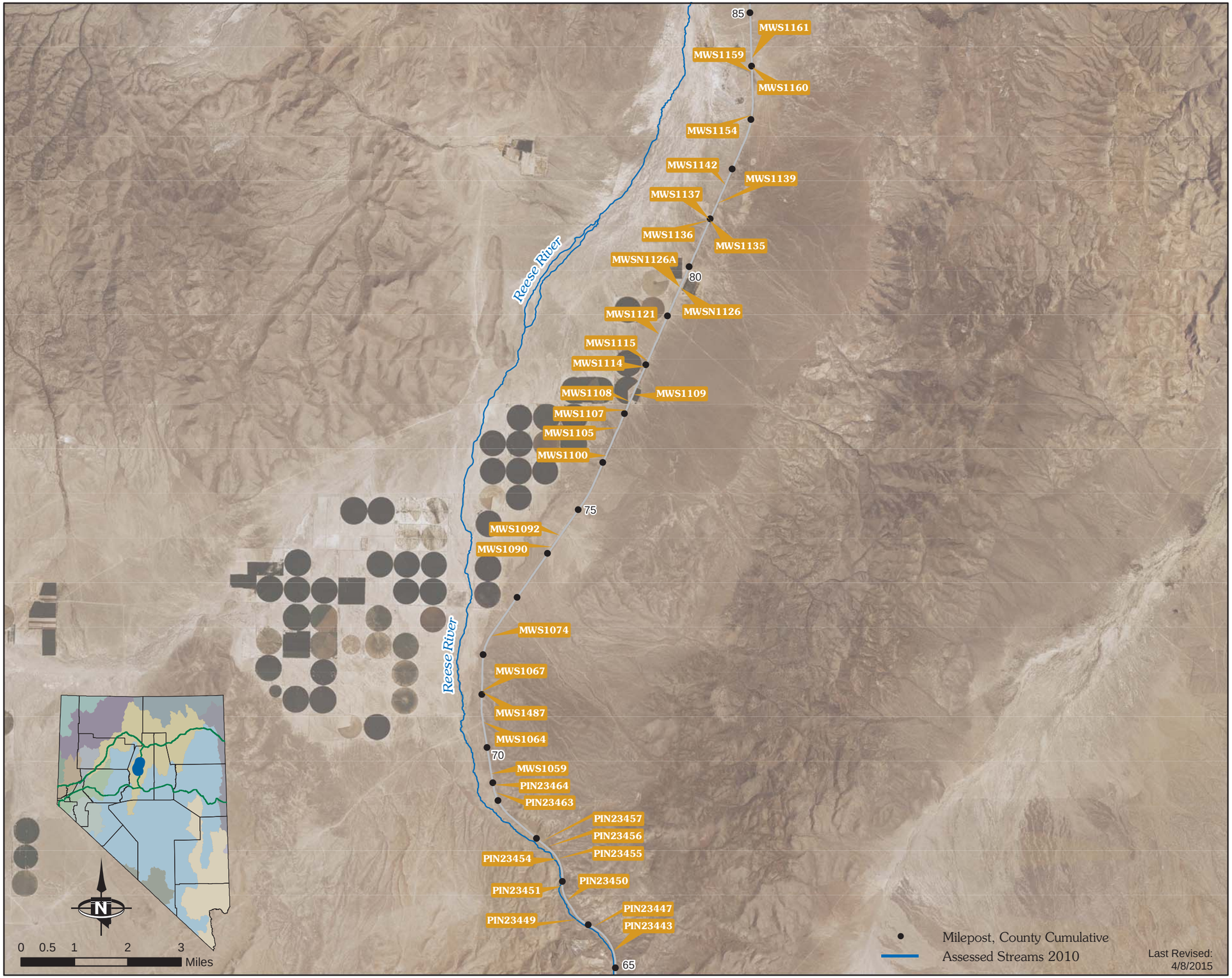
All Environmentally Reportable Facilities

SR 305 Corridor (MP 65 to MP 85)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MWS1142		28	20	Arch
MWS1154		28	20	Arch
MWS1159	36			Circular
MWS1160	36			Circular
MWS1161	36			Circular
MWS1059	36			Circular
MWS1064		28	20	Arch
MWS1067		42	29	Arch
MWS1074	36			Circular
MWS1090	36			Circular
MWS1092		28	20	Arch
MWS1100	36			Circular
MWS1105	36			Circular
MWS1107	36			Circular
MWS1108	36			Circular
MWS1109	36			Circular
MWS1114	36			Circular
MWS1115		49	33	Arch
MWS1121		35	24	Arch
MWSN1126A	24			Circular
MWS1135		42	29	Arch
MWS1136		42	29	Arch
MWS1137		42	29	Arch
MWS1139		42	29	Arch
MWS1487		42	29	Arch
PIN23443		28	20	Arch
PIN23447		30	17	Arch
PIN23449	36			Circular
PIN23450	36			Circular
PIN23451	36			Circular
PIN23454	48			Circular
PIN23455	48			Circular
PIN23456	36			Circular
PIN23457		42	29	Arch
PIN23463	36			Circular
PIN23464	36			Circular
MWSN1126	24			Circular



STATE OF NEVADA
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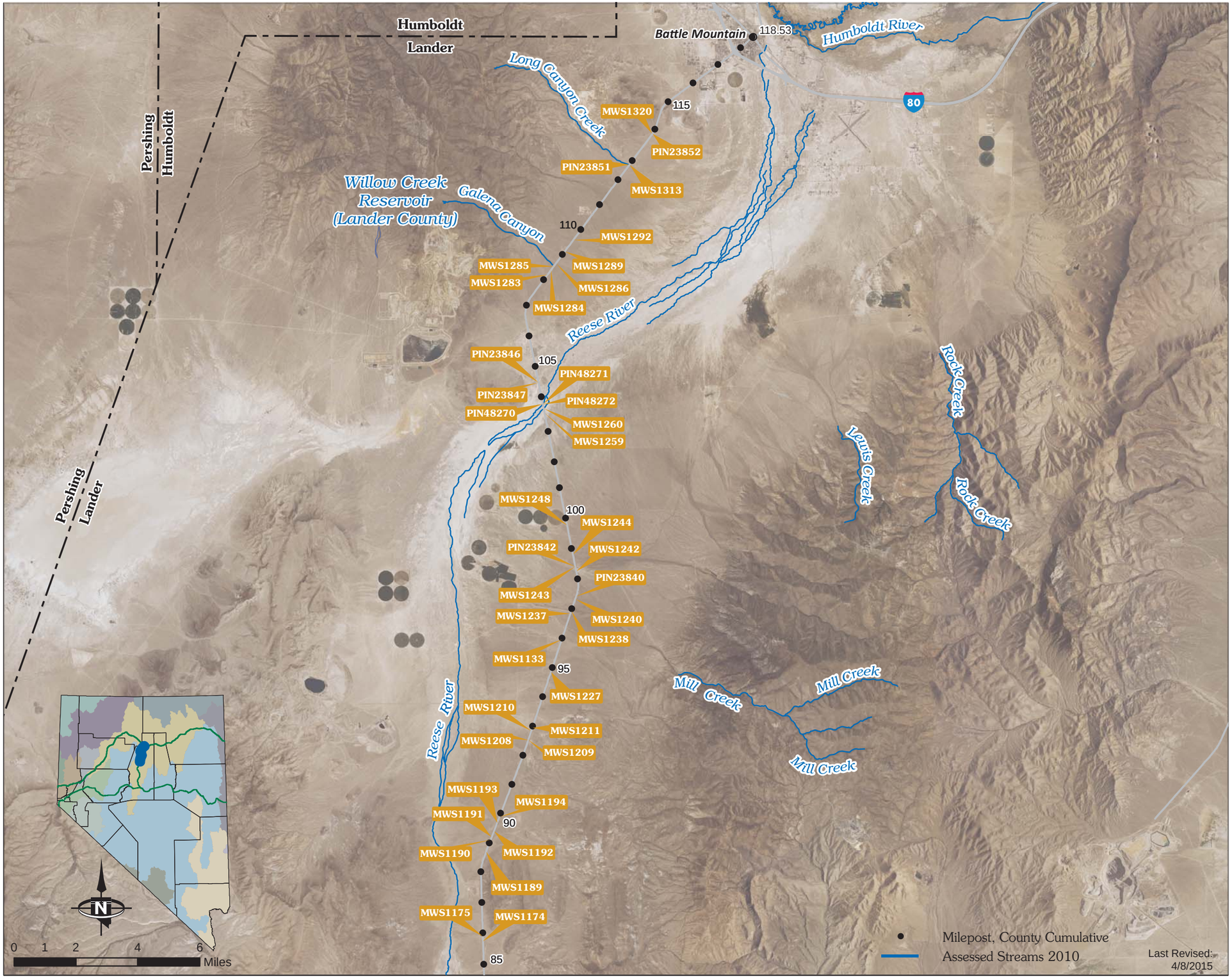
All Environmentally Reportable Facilities

SR 305 Corridor (MP 85 to MP 118.53)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MWS1174		21	15	Arch
MWS1175		72	60	Box
MWS1189		28	20	Arch
MWS1190	36			Circular
MWS1191		28	20	Arch
MWS1192		42	29	Arch
MWS1193		42	29	Arch
MWS1194		72	72	Box
MWS1208	30			Circular
MWS1209	30			Circular
MWS1210		28	20	Arch
MWS1211		28	20	Arch
MWS1227	36			Circular
MWS1133	36			Circular
MWS1237	36			Circular
MWS1238		72	60	Box
MWS1240		48	36	Box
MWS1242	36			Circular
MWS1243	48			Circular
MWS1244	36			Circular
MWS1248	36			Circular
MWS1259	36			Circular
MWS1260	36			Circular
MWS1283	36			Circular
MWS1284	36			Circular
MWS1285	36			Circular
MWS1286	36			Circular
MWS1289	36			Circular
MWS1292	36			Circular
MWS1313	30			Circular
MWS1320	24			Circular
PIN23840		28	20	Arch
PIN23842	48			Circular
PIN23846	24			Circular
PIN23847	24			Circular
PIN23851	30			Circular
PIN23852	24			Circular
PIN48270		144	72	Box
PIN48271		144	72	Box
PIN48272		144	72	Box



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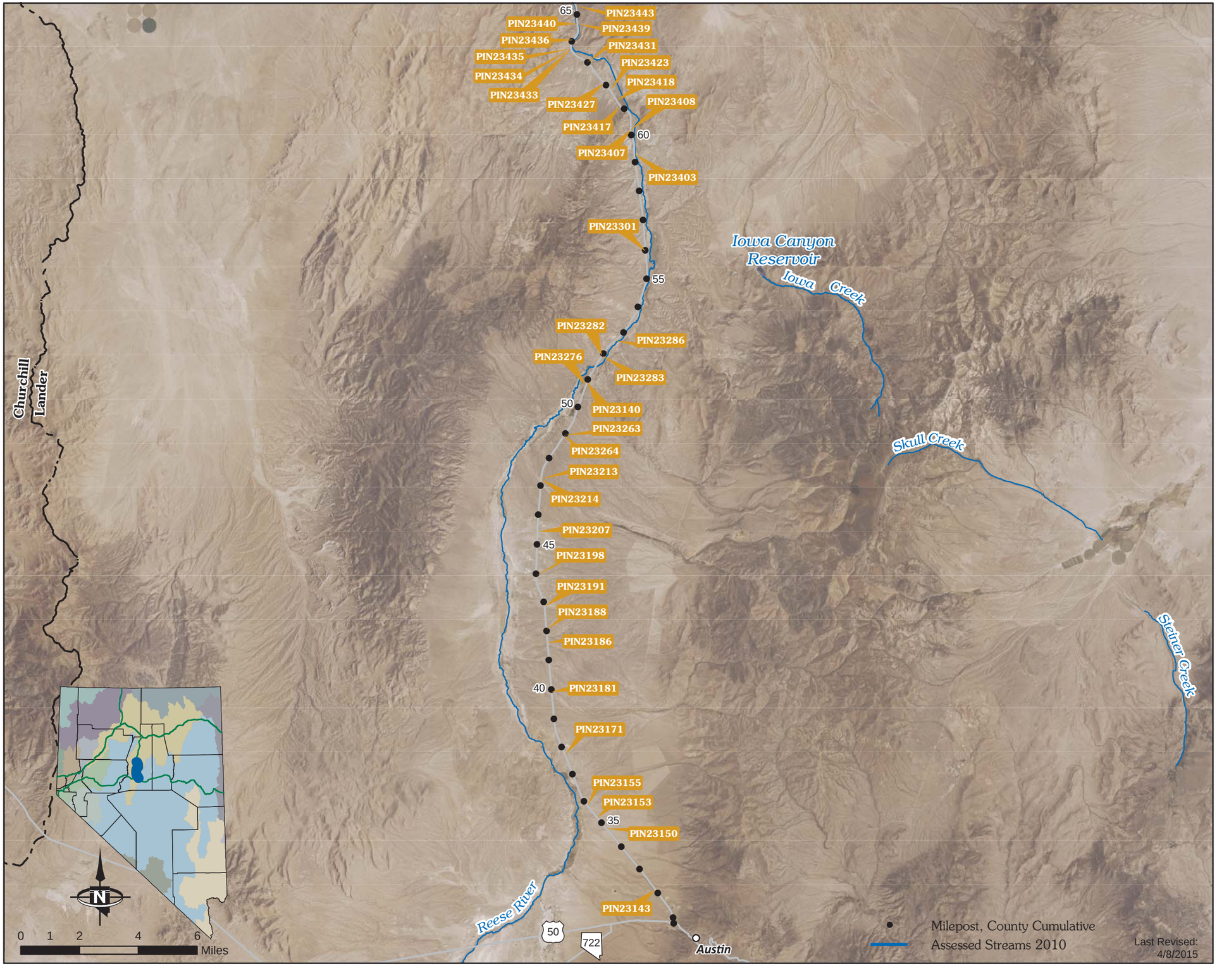
All Environmentally Reportable Facilities

SR 305 Corridor (US 50 to MP 65)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIN23140		42	29	Arch
PIN23143		72	48	Box
PIN23150	36			Circular
PIN23153		96	72	Box
PIN23155		72	48	Box
PIN23171	36			Circular
PIN23181	36			Circular
PIN23186		48	48	Box
PIN23188	36			Circular
PIN23191		72	48	Box
PIN23198		72	48	Box
PIN23207	36			Circular
PIN23213	36			Circular
PIN23214	36			Circular
PIN23263	36			Circular
PIN23264	36			Circular
PIN23276		42	29	Arch
PIN23282	36			Circular
PIN23283	36			Circular
PIN23286	36			Circular
PIN23301	36			Circular
PIN23403		35	24	Arch
PIN23407		42	29	Arch
PIN23408		42	29	Arch
PIN23417		30	17	Arch
PIN23418	36			Circular
PIN23423	36			Circular
PIN23427	36			Circular
PIN23431	54			Circular
PIN23433	24			Circular
PIN23434		58	36	Arch
PIN23435		58	36	Arch
PIN23436	72			Circular
PIN23439		184	111	Arch
PIN23440		184	111	Arch
PIN23443		28	20	Arch



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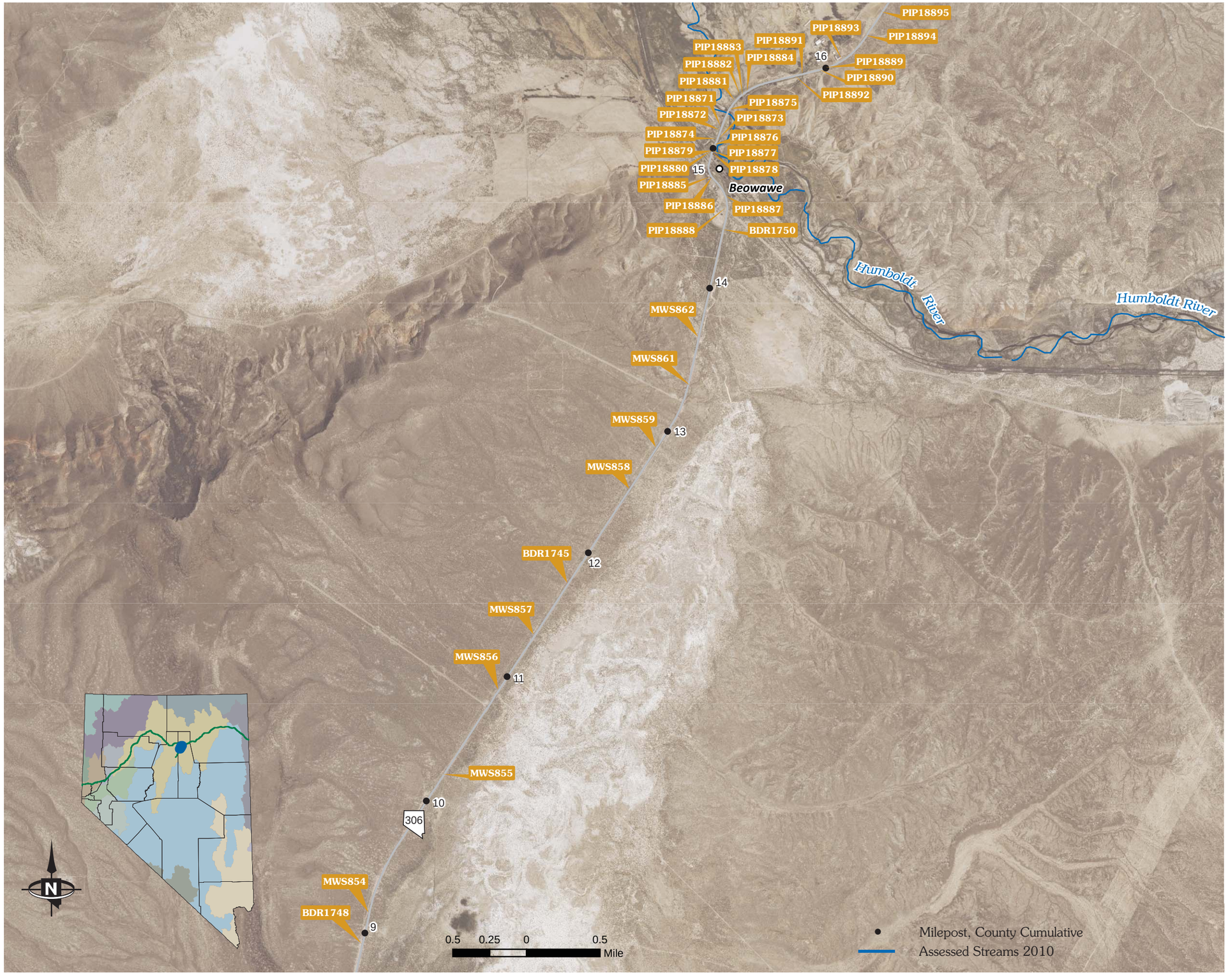
All Environmentally Reportable Facilities

SR 306 Corridor (Central)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MWS854		43	27	Arch
MWS855	36			Circular
MWS856		43	27	Arch
MWS857		43	27	Arch
MWS858		43	27	Arch
MWS859	36			Circular
MWS861	36			Circular
MWS862	36			Circular
BDR1748		43	27	Arch
BDR1745	36			Circular
BDR1750		43	27	Arch
PIP18871	24			Circular
PIP18872	24			Circular
PIP18873	12			Circular
PIP18874	12			Circular
PIP18875	12			Circular
PIP18876		120	60	Box
PIP18877	36			Circular
PIP18878	36			Circular
PIP18879	36			Circular
PIP18880	36			Circular
PIP18881		120	60	Box
PIP18882	30			Circular
PIP18883	18			Circular
PIP18884	12			Circular
PIP18885		72	44	Arch
PIP18886	24			Circular
PIP18887	24			Circular
PIP18888	24			Circular
PIP18889	24			Circular
PIP18890	30			Circular
PIP18891		60	36	Box
PIP18892				
PIP18893	30			Circular
PIP18894	36			Circular
PIP18895	24			Circular



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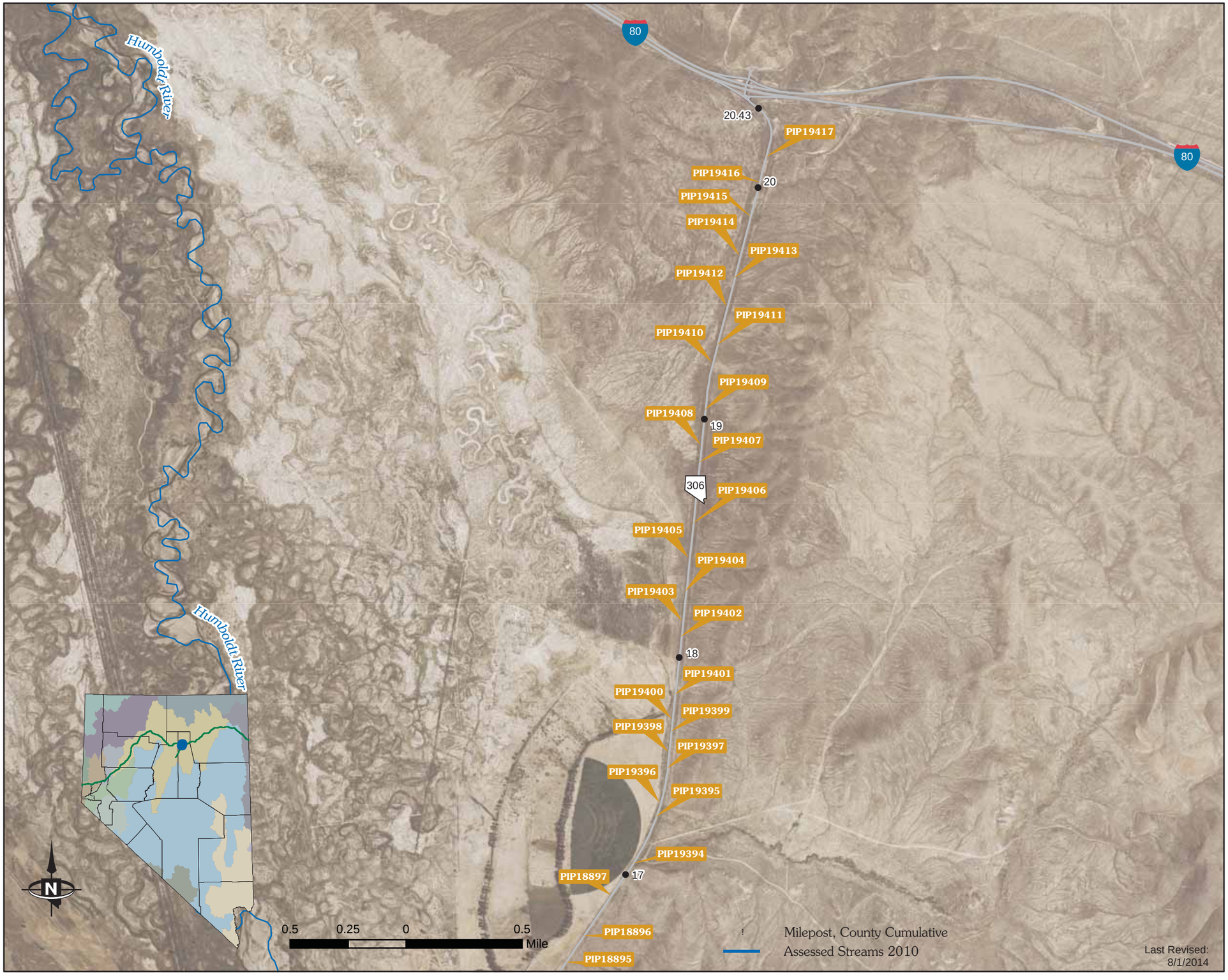
All Environmentally Reportable Facilities

SR 306 Corridor (North)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP18895	24			Circular
PIP18896	24			Circular
PIP18897	30			Circular
PIP19394		72	48	Box
PIP19395	18			Circular
PIP19396	36			Circular
PIP19397	18			Circular
PIP19398	24			Circular
PIP19399	18			Circular
PIP19400	24			Circular
PIP19401	24			Circular
PIP19402	18			Circular
PIP19403	18			Circular
PIP19404	24			Circular
PIP19405	24			Circular
PIP19406	24			Circular
PIP19407	24			Circular
PIP19408	24			Circular
PIP19409	24			Circular
PIP19410	24			Circular
PIP19411	24			Circular
PIP19412	24			Circular
PIP19413	18			Circular
PIP19414	24			Circular
PIP19415		48	48	Box
PIP19416		48	48	Box
PIP19417		48	48	Box



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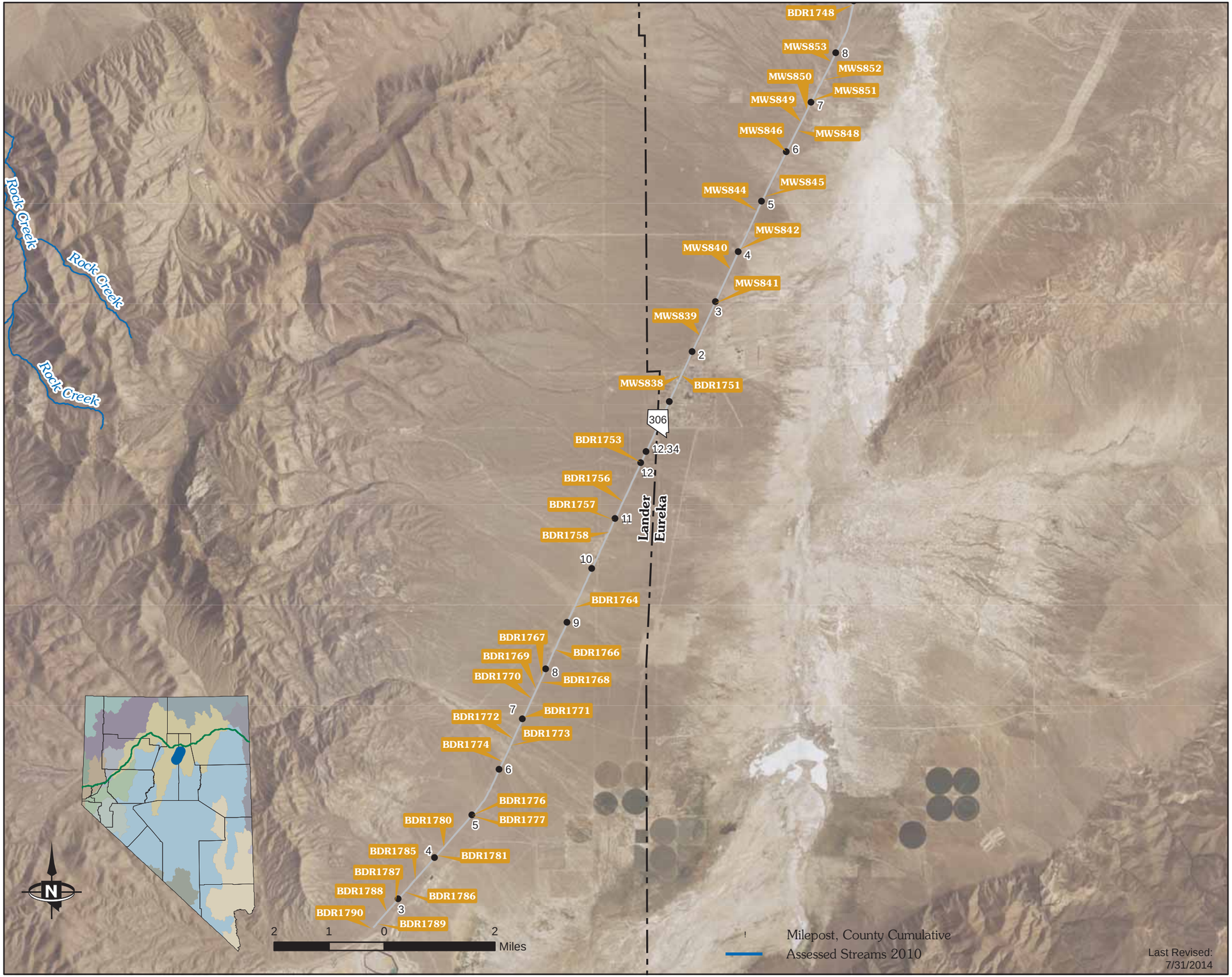
All Environmentally Reportable Facilities

SR 306 Corridor (South)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MWS845		43	27	Arch
MWS844		43	27	Arch
MWS846		43	27	Arch
MWS848		43	27	Arch
MWS849		43	27	Arch
MWS850		43	27	Arch
MWS851	36			Circular
MWS852	36			Circular
MWS853		43	27	Arch
MWS838	48			Circular
MWS839		43	27	Arch
MWS840		43	27	Arch
MWS841		43	27	Arch
MWS842		43	27	Arch
BDR1748		43	27	Arch
BDR1751		58	36	Arch
BDR1753	48			Circular
BDR1756		43	27	Arch
BDR1757	36			Circular
BDR1758	48			Circular
BDR1764	36			Circular
BDR1766		58	36	Arch
BDR1767	36			Circular
BDR1768	36			Circular
BDR1769	36			Circular
BDR1770	36			Circular
BDR1771	36			Circular
BDR1772	48			Circular
BDR1773		114	77	Arch
BDR1774		72	44	Arch
BDR1776		58	36	Arch
BDR1777		58	36	Arch
BDR1780	36			Circular
BDR1781		58	36	Arch
BDR1785	48			Circular
BDR1786		43	27	Arch
BDR1787		58	36	Arch
BDR1788		43	27	Arch
BDR1789		43	27	Arch
BDR1790	36			Circular



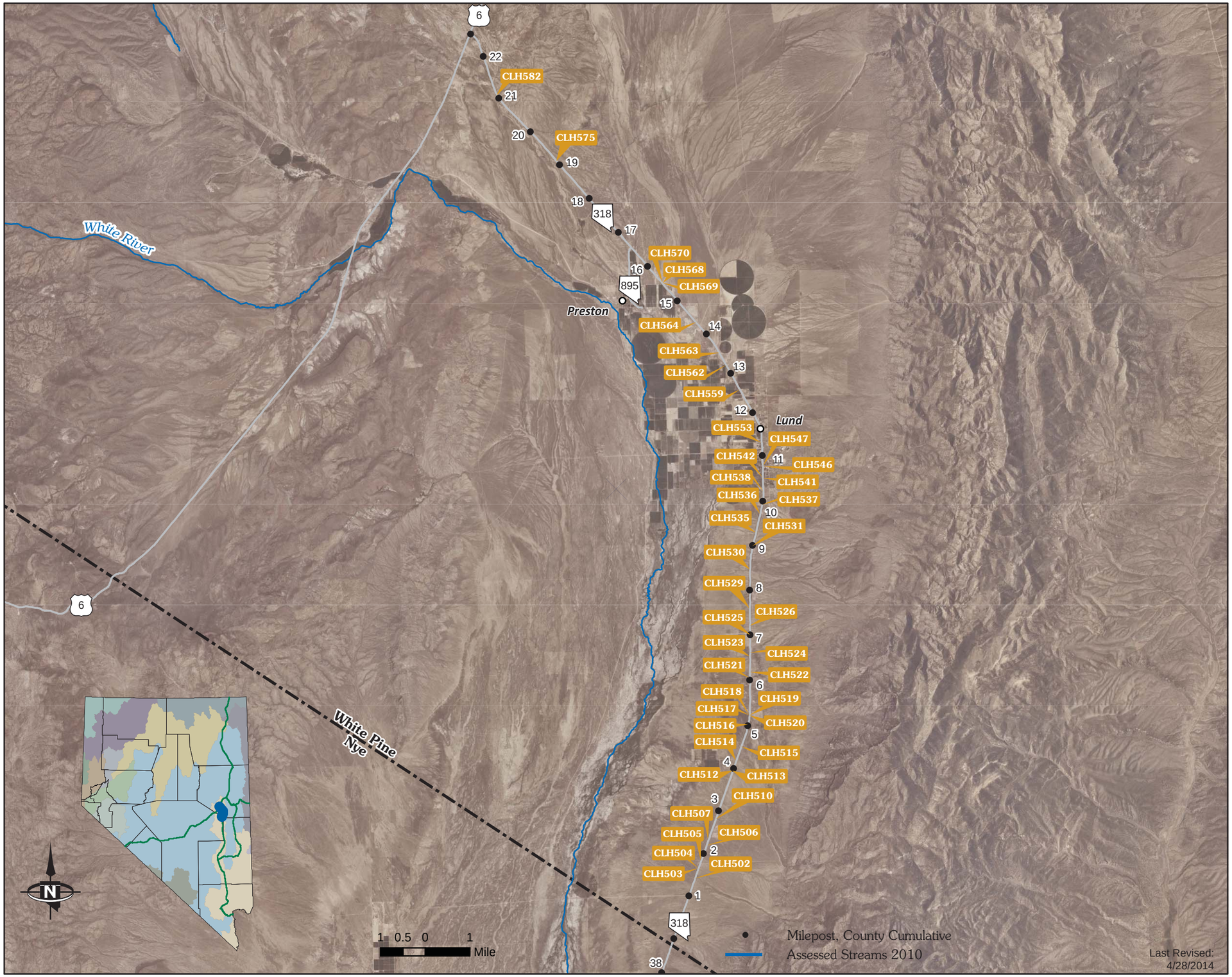
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 318 Corridor (County line to US 6, White Pine County)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
CLH553		21	15	Arch
CLH559		43	27	Arch
CLH562		58	36	Arch
CLH563		43	27	Arch
CLH564		84	84	Box
CLH568	60			Circular
CLH569	72			Circular
CLH570	72			Circular
CLH575	48			Circular
CLH582	48			Circular
CLH502		43	27	Arch
CLH503		43	27	Arch
CLH504		43	27	Arch
CLH505	48			Circular
CLH506		58	36	Arch
CLH507		43	27	Arch
CLH510		43	27	Arch
CLH512		43	27	Arch
CLH513		43	27	Arch
CLH514		43	27	Arch
CLH515		43	27	Arch
CLH516		29	18	Arch
CLH517		43	27	Arch
CLH518		43	27	Arch
CLH519		43	27	Arch
CLH520		43	27	Arch
CLH521		43	27	Arch
CLH522	36			Circular
CLH523	48			Circular
CLH524		43	27	Arch
CLH525	36			Circular
CLH526	36			Circular
CLH529		58	36	Arch
CLH530		43	27	Arch
CLH531	36			Circular
CLH535		72	44	Arch
CLH536		43	27	Arch
CLH537	36			Circular
CLH538		43	27	Arch
CLH541				Other (see notes)
CLH542		22	13	Arch
CLH546		17	13	Arch
CLH547		21	15	Arch



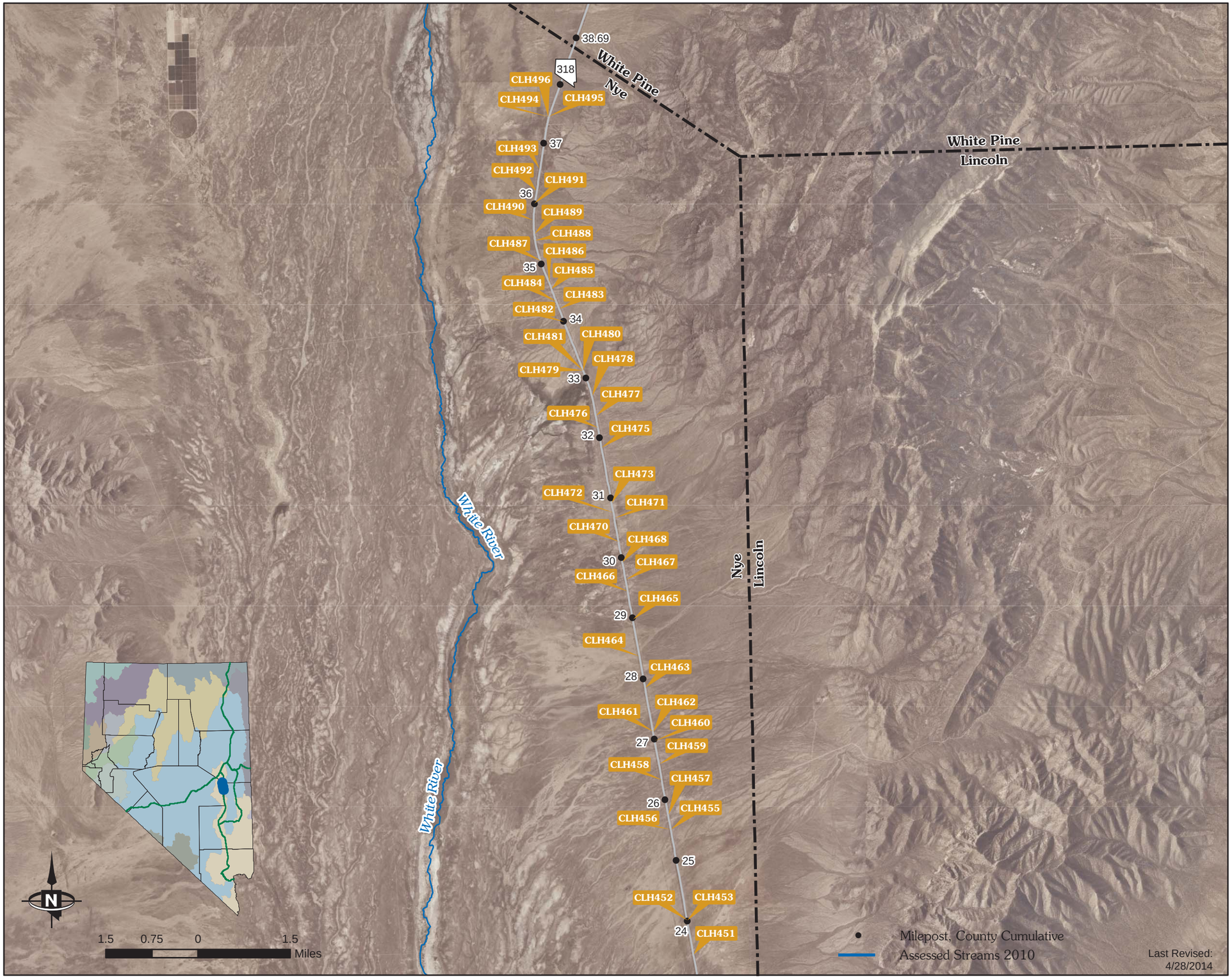
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 318 Corridor (MP 24 to White Pine County line)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
CLH451		43	27	Arch
CLH452		43	27	Arch
CLH453		43	27	Arch
CLH455	24			Circular
CLH456	24			Circular
CLH457		43	27	Arch
CLH458	36			Circular
CLH459		43	27	Arch
CLH460		43	27	Arch
CLH461		36	22	Arch
CLH462		36	22	Arch
CLH463		36	22	Arch
CLH464	36			Circular
CLH465		43	27	Arch
CLH466		36	22	Arch
CLH467		43	27	Arch
CLH468		43	27	Arch
CLH470		43	27	Arch
CLH471	36			Circular
CLH472	36			Circular
CLH473		58	36	Arch
CLH475	36			Circular
CLH476	36			Circular
CLH477	36			Circular
CLH478		43	27	Arch
CLH479		43	27	Arch
CLH480		43	27	Arch
CLH481		43	27	Arch
CLH482	36			Circular
CLH483	36			Circular
CLH484		36	22	Arch
CLH485		36	22	Arch
CLH486		36	22	Arch
CLH487	36			Circular
CLH488	60			Circular
CLH489	36			Circular
CLH490		36	22	Arch
CLH491		43	27	Arch
CLH492		36	22	Arch
CLH493		43	27	Arch
CLH494		43	27	Arch
CLH495		43	27	Arch
CLH496		43	27	Arch



STATE OF NEVADA
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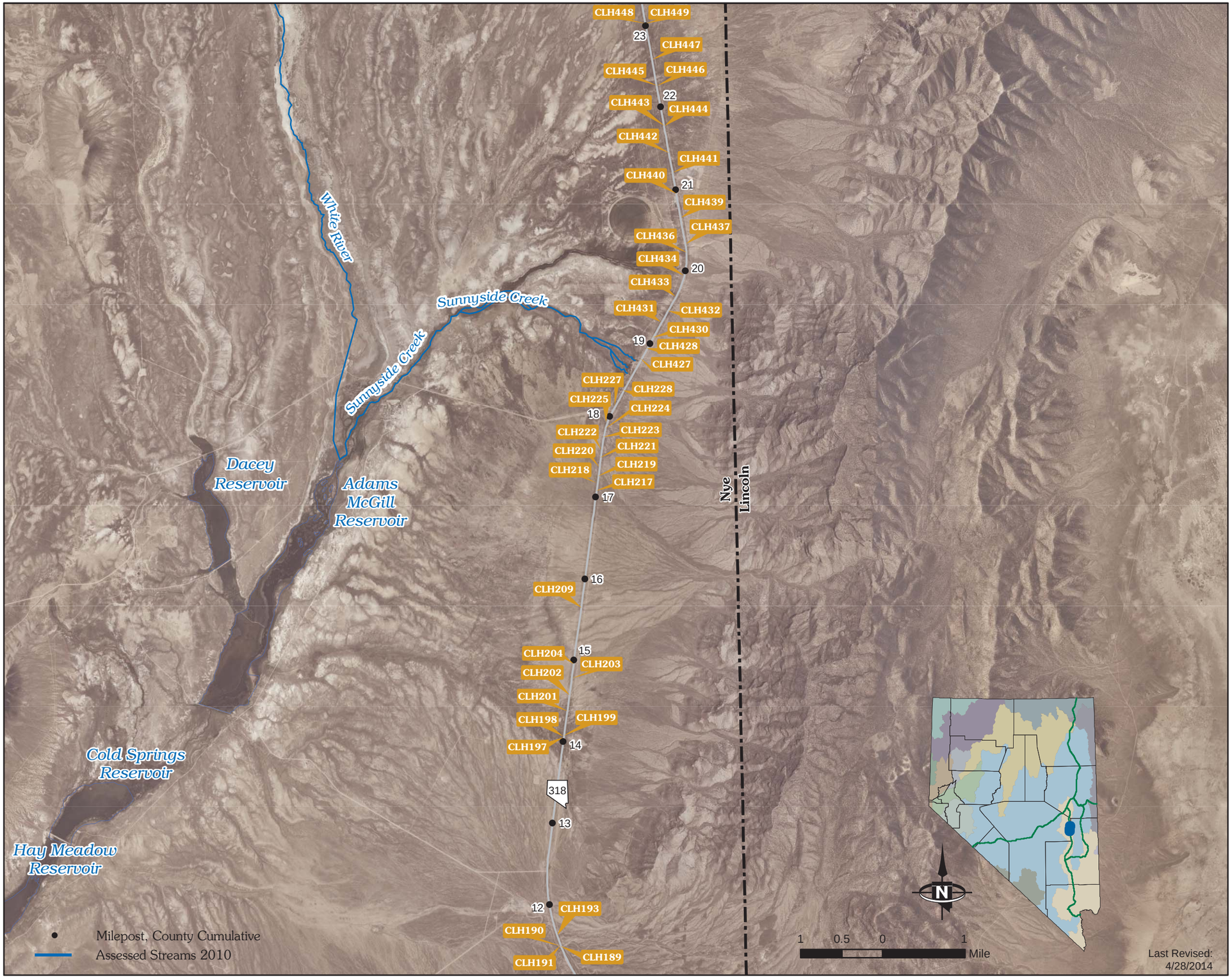
All Environmentally Reportable Facilities

SR 318 Corridor (MP 12 to MP23, Nye County)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
CLH189		120	96	Box
CLH190		120	96	Box
CLH191		120	96	Box
CLH193	42			Circular
CLH197				Other (see notes)
CLH198				Other (see notes)
CLH199				Other (see notes)
CLH201	42			Circular
CLH202	36			Circular
CLH203	36			Circular
CLH204	36			Circular
CLH209	42			Circular
CLH217		72	44	Arch
CLH218		72	44	Arch
CLH219		72	44	Arch
CLH220	36			Circular
CLH221		72	44	Arch
CLH222		72	44	Arch
CLH223		72	44	Arch
CLH224	42			Circular
CLH225	60			Circular
CLH227	36			Circular
CLH228	36			Circular
CLH427	48			Circular
CLH428		58	36	Arch
CLH430		58	36	Arch
CLH431		43	27	Arch
CLH432	48			Circular
CLH433		58	36	Arch
CLH434		43	27	Arch
CLH436		58	36	Arch
CLH437		58	36	Arch
CLH439	36			Circular
CLH440		58	36	Arch
CLH441		58	36	Arch
CLH442		43	27	Arch
CLH443		43	27	Arch
CLH444		43	27	Arch
CLH445		43	27	Arch
CLH446		43	27	Arch
CLH447		43	27	Arch
CLH448		29	18	Arch
CLH449		29	18	Arch



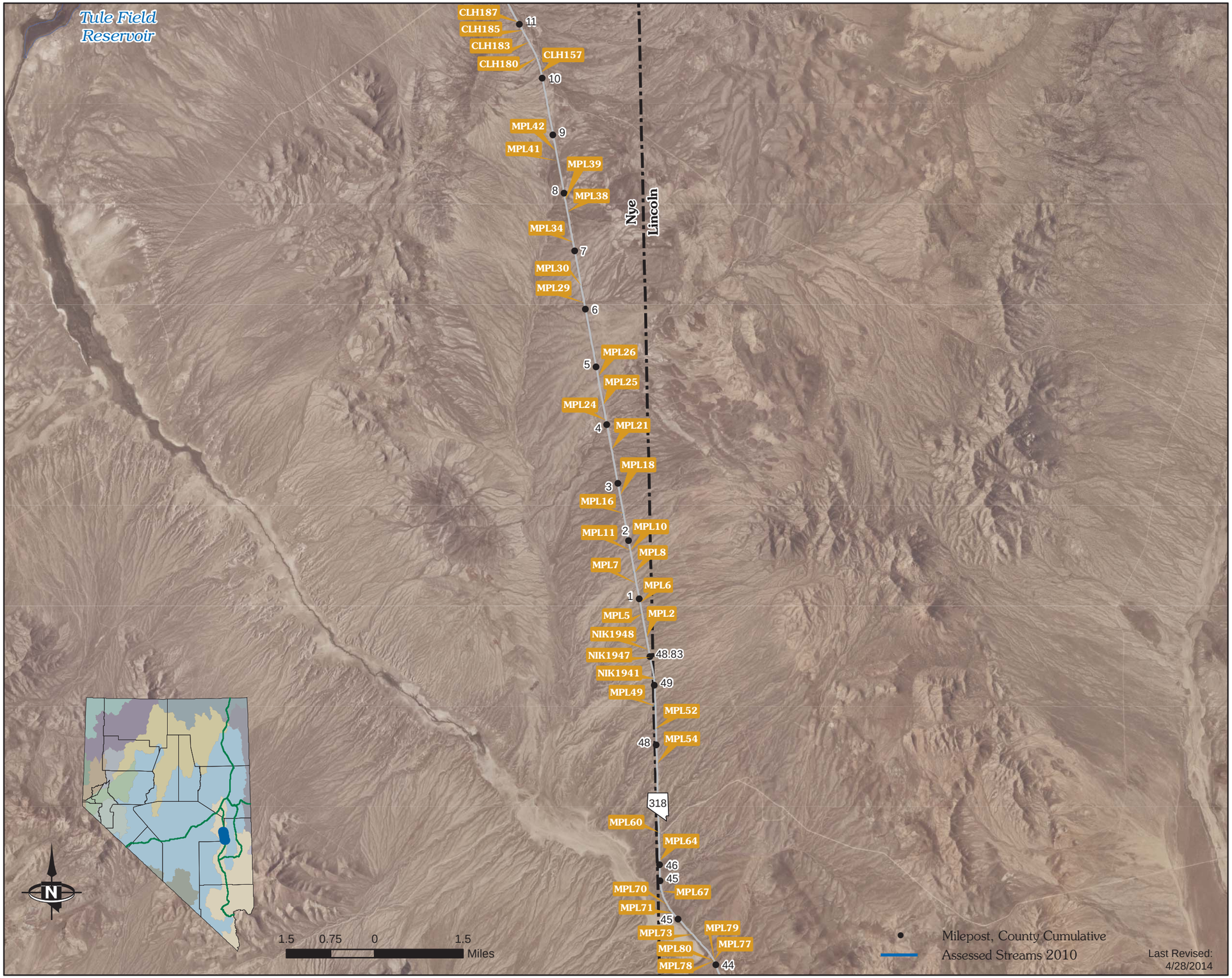
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 318 Corridor (MP 44 Lincoln Co. to MP 11 Nye Co.)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1941	60			Circular
NIK1947	36			Circular
NIK1948	42			Circular
MPL2	48			Circular
MPL5	48			Circular
MPL6	36			Circular
MPL7		98	69	Arch
MPL8	42			Circular
MPL11	30			Circular
MPL10	30			Circular
MPL16		98	69	Arch
MPL18	36			Circular
MPL21	36			Circular
MPL24	60			Circular
MPL25		114	77	Arch
MPL26	36			Circular
MPL29	48			Circular
MPL30	42			Circular
MPL34	48			Circular
MPL38	54			Circular
MPL39	42			Circular
MPL41	36			Circular
MPL42	36			Circular
MPL54	42			Circular
MPL60	72			Circular
MPL64	36			Circular
MPL67		114	77	Arch
MPL70	36			Circular
MPL71	36			Circular
MPL73	36			Circular
MPL77	60			Circular
MPL78	60			Circular
MPL79	60			Circular
MPL80	60			Circular
MPL49	48			Circular
MPL52	42			Circular
CLH157	42			Circular
CLH180	42			Circular
CLH183	36			Circular
CLH185	48			Circular
CLH187	36			Circular



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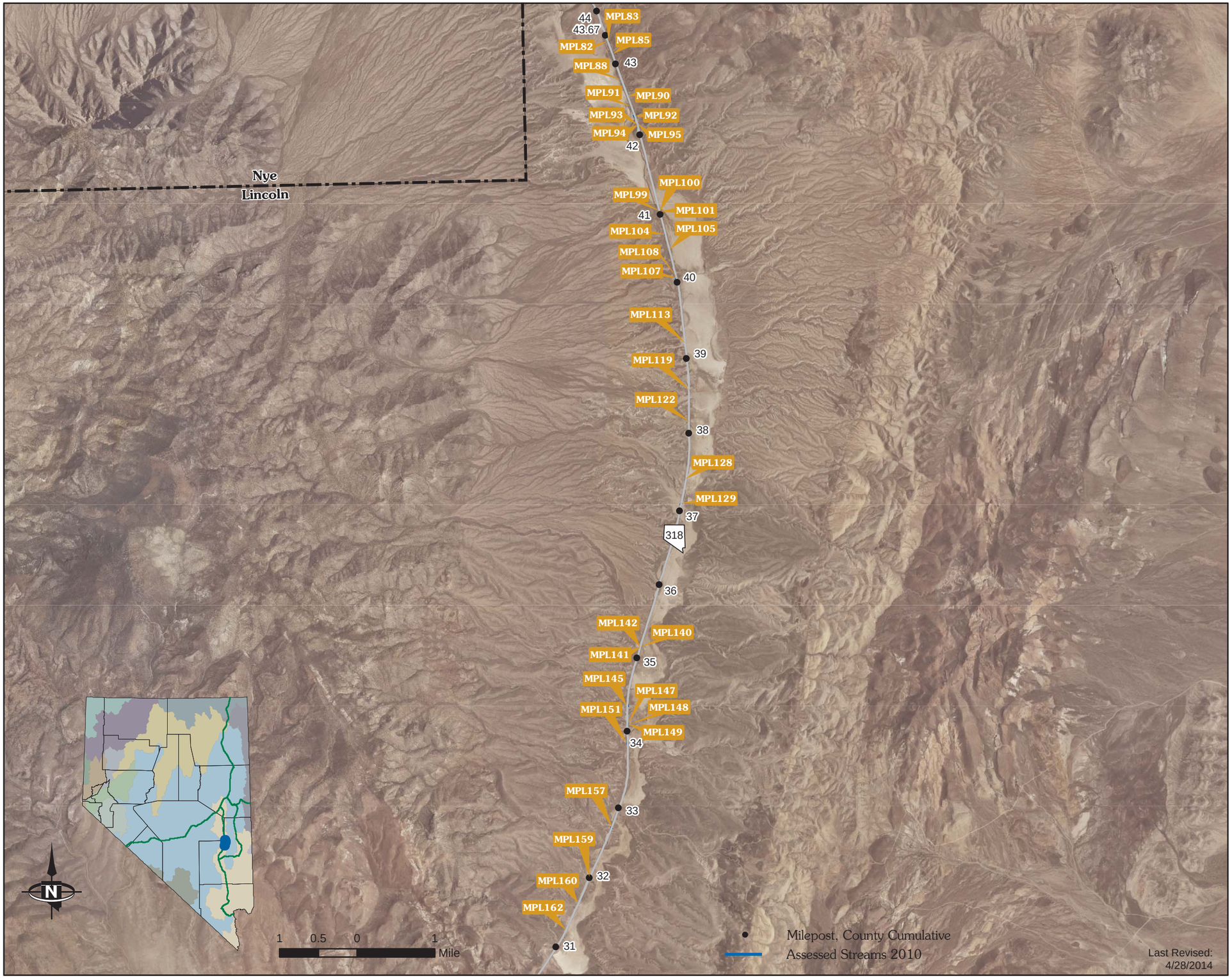
All Environmentally Reportable Facilities

SR 318 Corridor (MP 31 to MP 44, Lincoln County)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MPL77	60			Circular
MPL78	60			Circular
MPL79	60			Circular
MPL80	60			Circular
MPL82	48			Circular
MPL83	48			Circular
MPL85	42			Circular
MPL88	42			Circular
MPL90	36			Circular
MPL91	36			Circular
MPL92	36			Circular
MPL93	48			Circular
MPL94	48			Circular
MPL95	48			Circular
MPL113	48			Circular
MPL122		98	69	Arch
MPL128	24			Circular
MPL129	36			Circular
MPL141	48			Circular
MPL142	48			Circular
MPL140	48			Circular
MPL145	42			Circular
MPL147	48			Circular
MPL148	48			Circular
MPL149	48			Circular
MPL151	72			Circular
MPL99	30			Circular
MPL100	30			Circular
MPL101	30			Circular
MPL104	36			Circular
MPL105	36			Circular
MPL107	42			Circular
MPL108	42			Circular
MPL157	48			Circular
MPL159	72			Circular
MPL160	48			Circular
MPL162	48			Circular
MPL119	48			Circular



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All Environmentally Reportable Facilities

SR 318 Corridor (MP 21 to MP 30, Lincoln County)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MPL168	30			Circular
MPL169	30			Circular
MPL170	30			Circular
MPL171	30			Circular
CLH230	48			Circular
CLH232	30			Circular
CLH233	30			Circular
CLH234	30			Circular
CLH235	30			Circular
CLH238	48			Circular
CLH239	48			Circular
CLH244	48			Circular
CLH246	36			Circular
CLH247	48			Circular
CLH252	48			Circular
CLH253	48			Circular
CLH254	72			Circular
CLH255	72			Circular
CLH259	48			Circular
CLH260	48			Circular
CLH261	48			Circular
CLH262	48			Circular
CLH263	48			Circular
CLH264	48			Circular
CLH265	84			Circular
CLH266	84			Circular
CLH270	72			Circular
CLH271	72			Circular
CLH272	72			Circular
CLH276	36			Circular
CLH277	72			Circular
CLH278	72			Circular
CLH279	72			Circular
CLH282	60			Circular
CLH283	60			Circular
CLH289	42			Circular
CLH290	42			Circular
CLH291	36			Circular
CLH292	36			Circular
PIP18848	30			Circular

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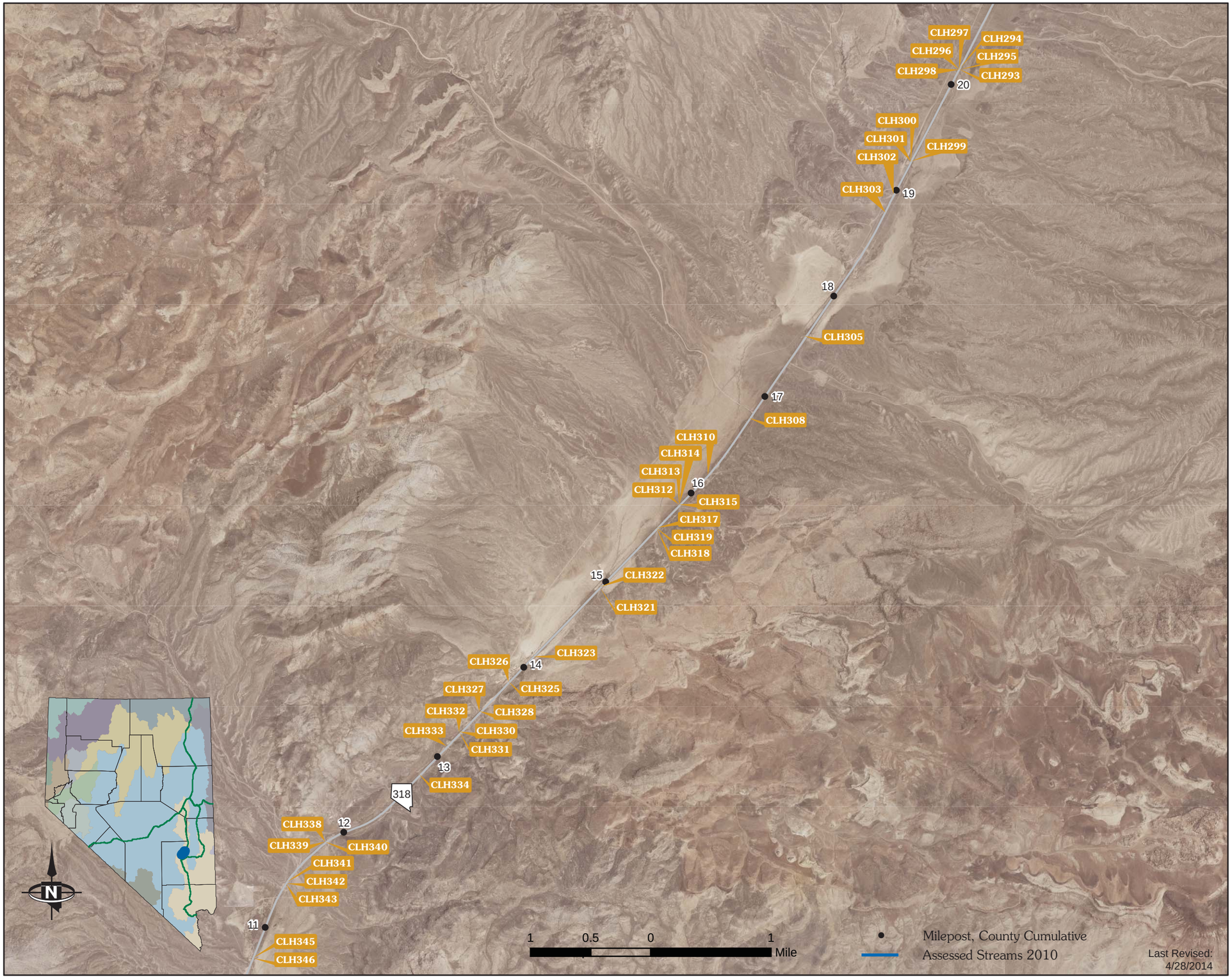
All Environmentally Reportable Facilities

SR 318 Corridor (MP 11 to MP 20, Lincoln County)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
CLH293	48			Circular
CLH294	48			Circular
CLH295	48			Circular
CLH296	48			Circular
CLH297	48			Circular
CLH298	48			Circular
CLH299	36			Circular
CLH300	36			Circular
CLH301	36			Circular
CLH302	48			Circular
CLH303	36			Circular
CLH305		114	77	Arch
CLH308	36			Circular
CLH310	36			Circular
CLH312	48			Circular
CLH313	48			Circular
CLH314	48			Circular
CLH315	48			Circular
CLH317	48			Circular
CLH318	48			Circular
CLH319	48			Circular
CLH321	48			Circular
CLH322	48			Circular
CLH323	36			Circular
CLH325	36			Circular
CLH326	36			Circular
CLH327	84			Circular
CLH328	84			Circular
CLH330	84			Circular
CLH331	84			Circular
CLH332	84			Circular
CLH333	48			Circular
CLH334	36			Circular
CLH338	84			Circular
CLH339	84			Circular
CLH340	84			Circular
CLH341	60			Circular
CLH342	60			Circular
CLH343	60			Circular
CLH345	60			Circular
CLH346	60			Circular



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All Environmentally Reportable Facilities

SR 318 Corridor (US 93 to MP 10, Lincoln County)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
CLH345	60			Circular
CLH346	60			Circular
CLH347	48			Circular
CLH348	48			Circular
CLH349	48			Circular
CLH350	36			Circular
CLH354	36			Circular
CLH356	36			Circular
CLH357	72			Circular
CLH358	72			Circular
CLH361	60			Circular
CLH364	48			Circular
CLH365	42			Circular
CLH368	48			Circular
CLH369	48			Circular
CLH370	60			Circular
CLH371	60			Circular
CLH372	60			Circular
CLH374	36			Circular
CLH376	36			Circular
CLH377	36			Circular
CLH380	36			Circular
CLH383	36			Circular
CLH384	72			Circular
CLH385	72			Circular
CLH386	60			Circular
CLH387	36			Circular
CLH388	42			Circular
CLH404	36			Circular
CLH407	36			Circular
CLH414	48			Circular
CLH418	36			Circular
CLH421	36			Circular

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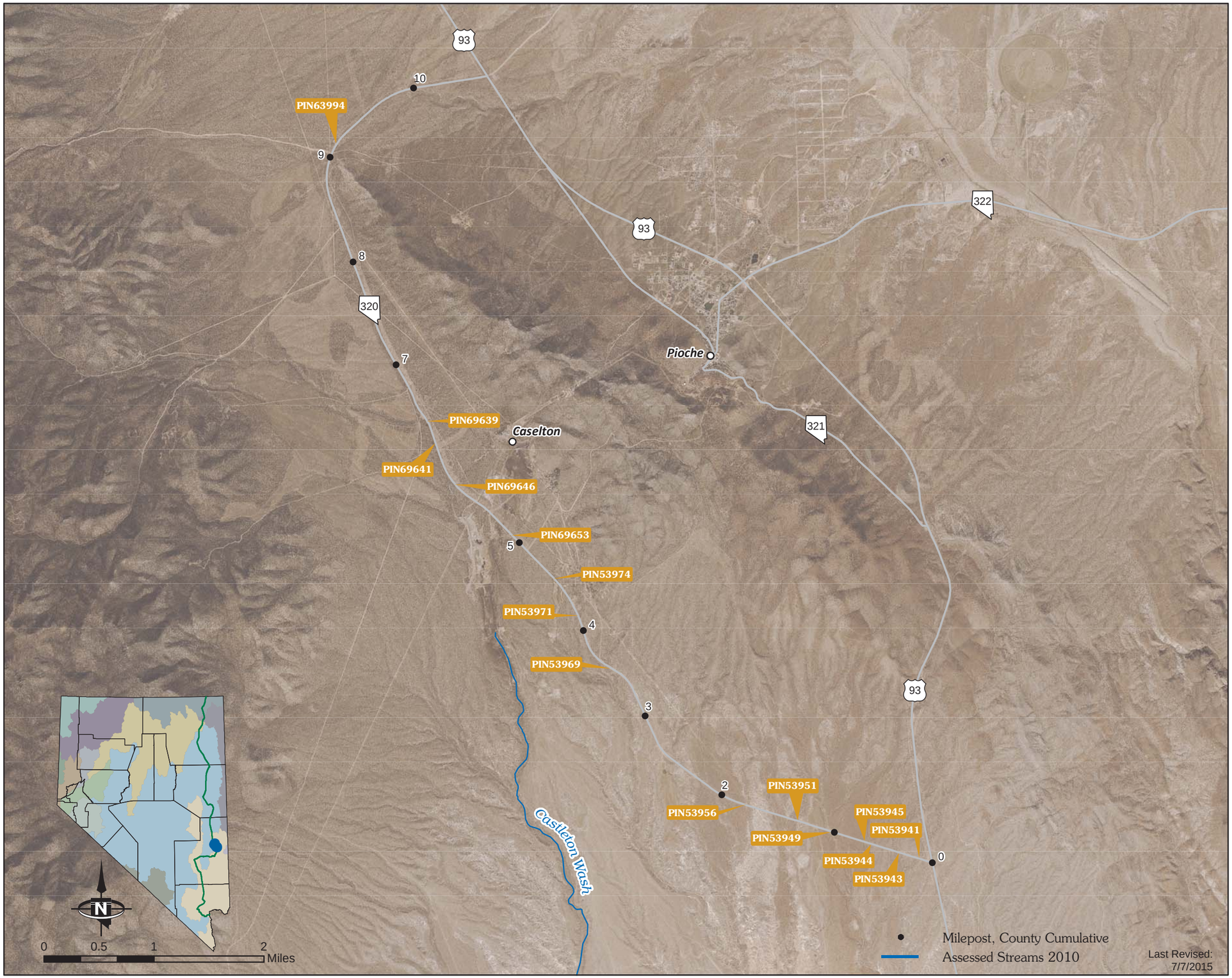
SR 320 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN53941	36			Circular
PIN53943	36			Circular
PIN53944	36			Circular
PIN53945	36			Circular
PIN53949	36			Circular
PIN53951	36			Circular
PIN53956	36			Circular
PIN53969	36			Circular
PIN53971	36			Circular
PIN53974	36			Circular
PIN63994	36			Circular
PIN69639	36			Circular
PIN69641		44	25	Arch
PIN69646	36			Circular
PIN69653	30			Circular



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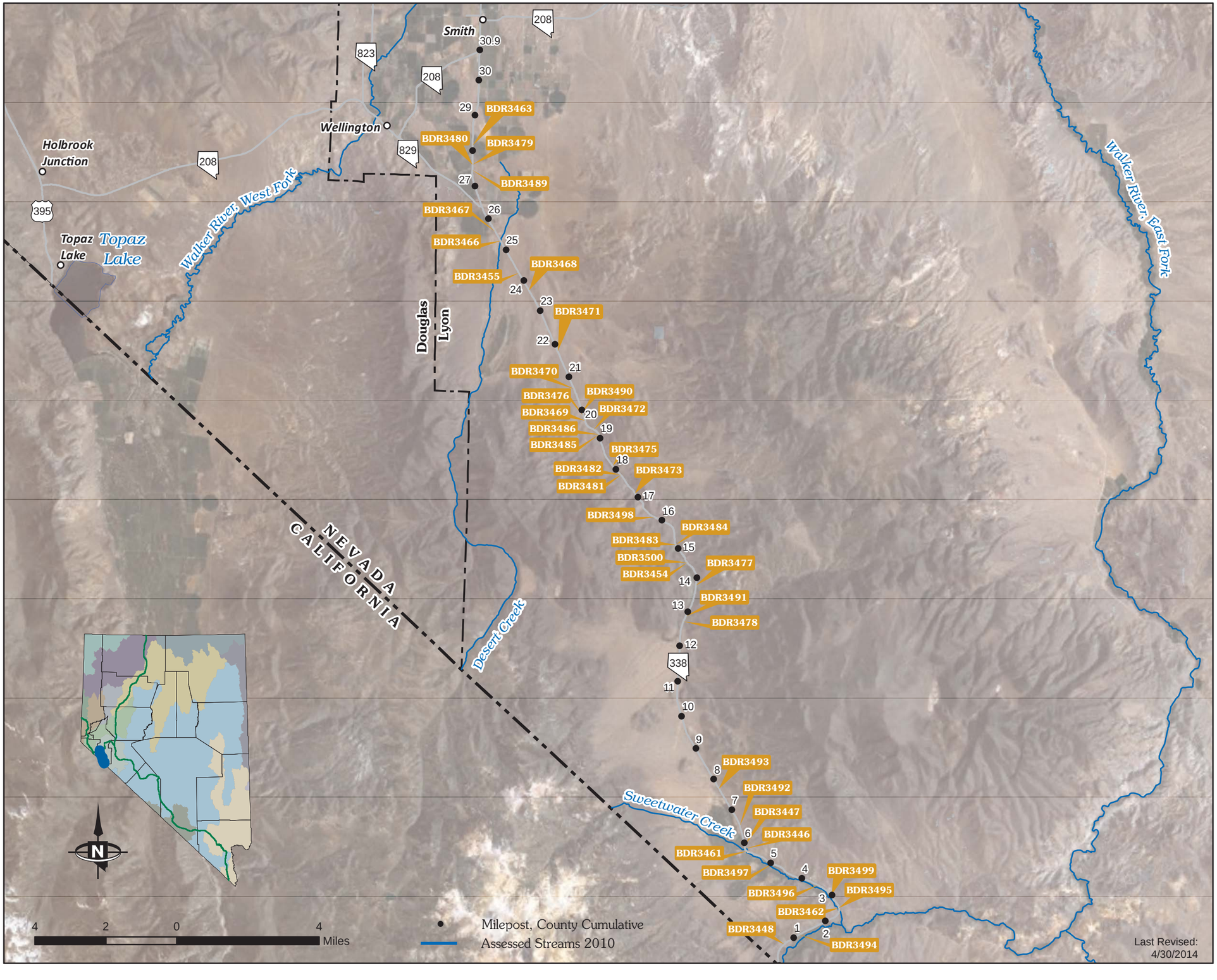
All Environmentally Reportable Facilities

SR 338 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
BDR3448	60			Circular
BDR3494	36			Circular
BDR3462	84			Circular
BDR3495	36			Circular
BDR3499	48			Circular
BDR3496	36			Circular
BDR3497	36			Circular
BDR3461	84			Circular
BDR3446	60			Circular
BDR3447	60			Circular
BDR3492	36			Circular
BDR3493	36			Circular
BDR3478		96	48	Box
BDR3491	36			Circular
BDR3477		96	84	Box
BDR3454	30			Circular
BDR3483		120	96	Box
BDR3484		120	96	Box
BDR3498	42			Circular
BDR3473		60	48	Box
BDR3481		120	96	Box
BDR3482		120	96	Box
BDR3475		84	72	Box
BDR3485		120	120	Box
BDR3486		120	120	Box
BDR3472		60	48	Box
BDR3469		48	48	Box
BDR3476		96	72	Box
BDR3490	36			Circular
BDR3470		60	36	Box
BDR3471		60	36	Box
BDR3468		48	48	Box
BDR3455		120	36	Box
BDR3466		96	36	Box
BDR3467		96	36	Box
BDR3489	36			Circular
BDR3479		120	72	Box
BDR3480		120	72	Box
BDR3463		36	30	Box
BDR3500	30			Circular



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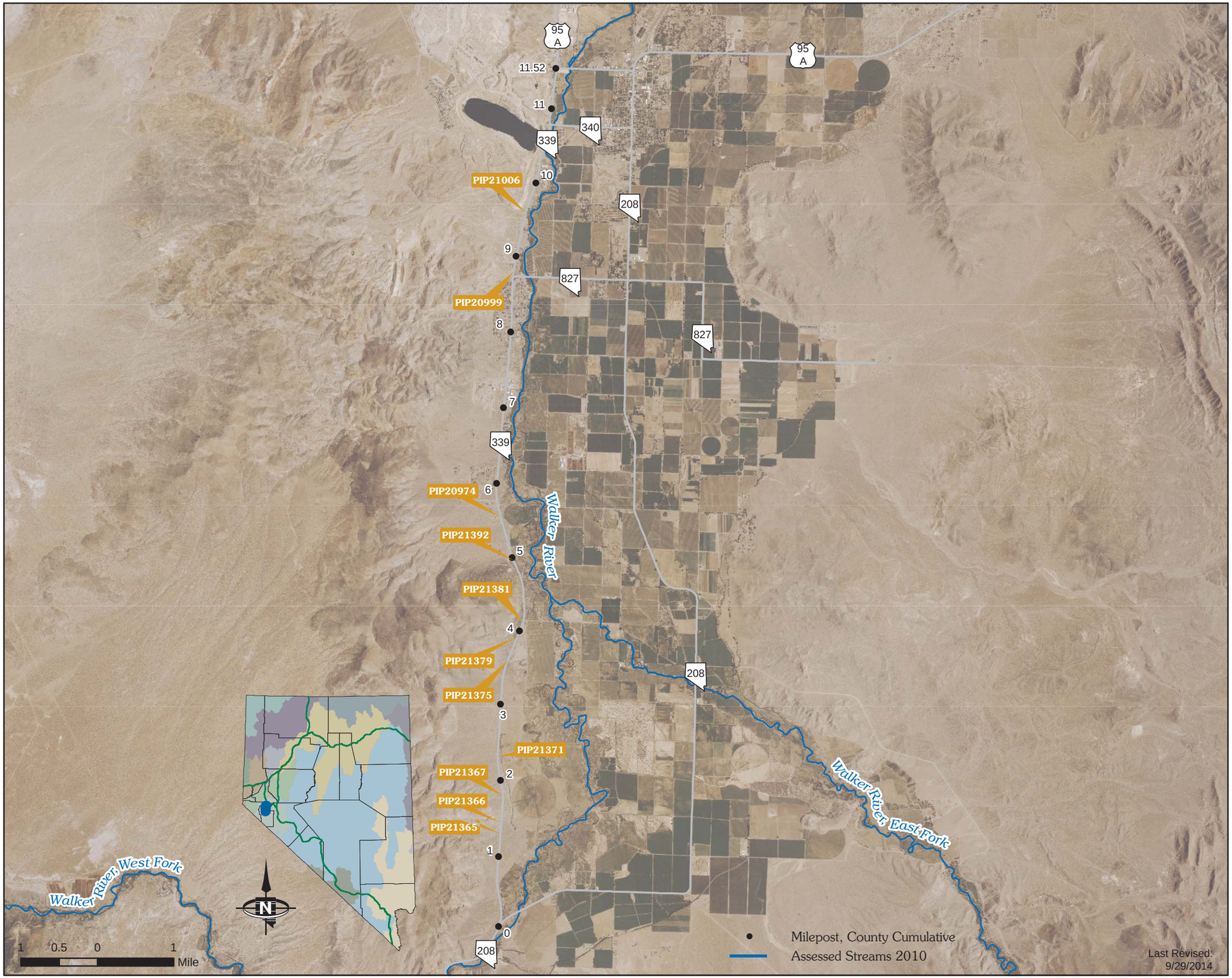
All Environmentally Reportable Facilities

SR 339 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP20974	36			Circular
PIP20999	36			Circular
PIP21006	36			Circular
PIP21365		72	48	Box
PIP21366	36			Circular
PIP21367	48			Circular
PIP21371		72	36	Box
PIP21375	36			Circular
PIP21379	36			Circular
PIP21381	48			Circular
PIP21392	36			Circular



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All Environmentally Reportable Facilities

SR 342 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP19138		120	84	Box
PIP20038	36			Circular
PIP20043	42			Circular
PIP20044	42			Circular

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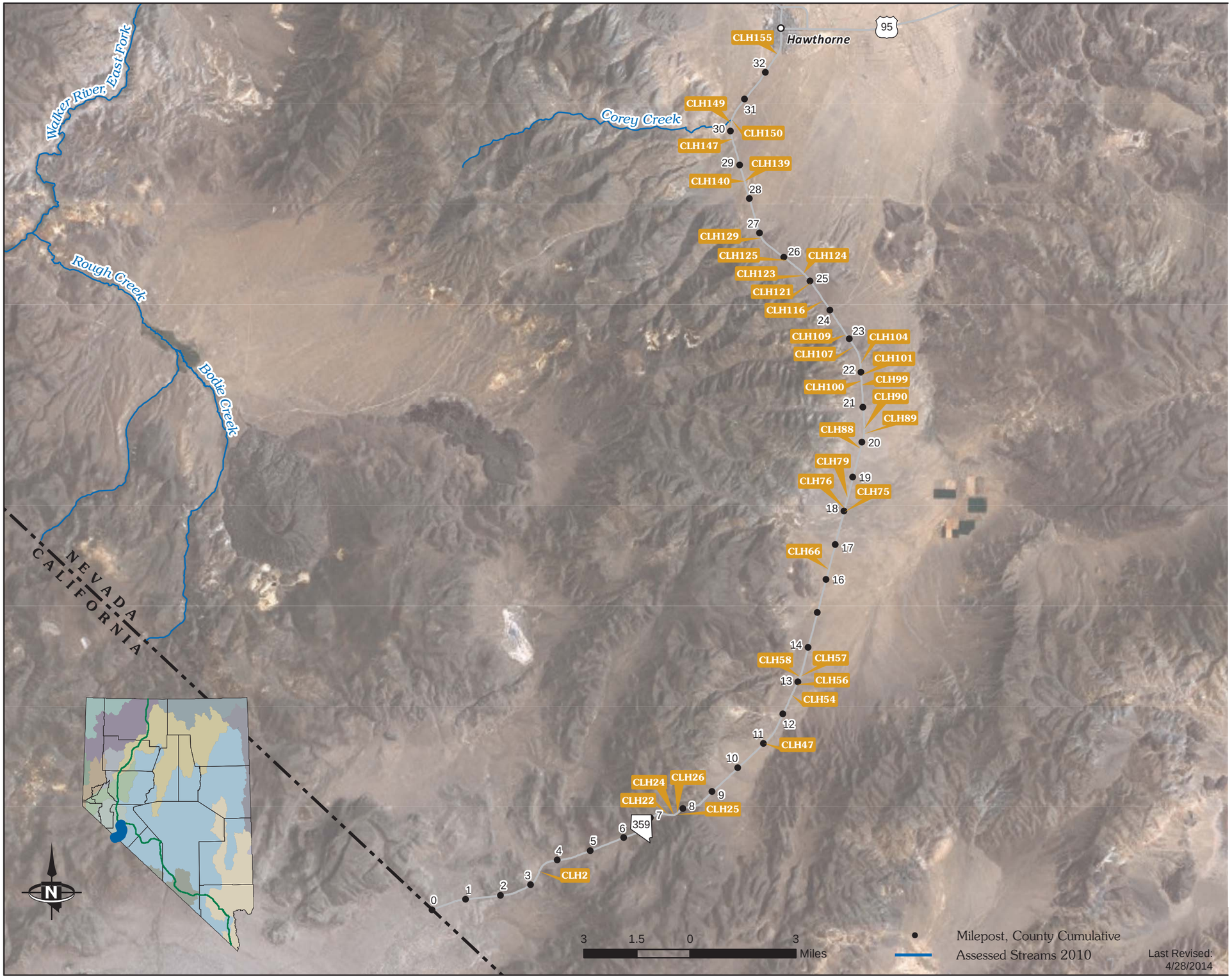
All Environmentally Reportable Facilities

SR 359 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
CLH139	36			Circular
CLH140	36			Circular
CLH147	1	96	48	Box
CLH149	36			Circular
CLH150	36			Circular
CLH155	36			Circular
CLH2	36			Circular
CLH22	1	36	36	Box
CLH24	1	36	36	Box
CLH25	1	36	36	Box
CLH26	1	36	36	Box
CLH116	36			Circular
CLH121	36			Circular
CLH123	36			Circular
CLH124	36			Circular
CLH125	36			Circular
CLH129	36			Circular
CLH47	36			Circular
CLH54	36			Circular
CLH56	36			Circular
CLH57	36			Circular
CLH58	36			Circular
CLH66	36			Circular
CLH75	36			Circular
CLH76	36			Circular
CLH79	36			Circular
CLH88	36			Circular
CLH89	36			Circular
CLH90	36			Circular
CLH99	36			Circular
CLH100	36			Circular
CLH101	36			Circular
CLH104	36			Circular
CLH107	36			Circular
CLH109	36			Circular



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All Environmentally Reportable Facilities

SR 360 Corridor (US 6 to Milepost 13)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
NIK1862	72			Circular
NIK1863	72			Circular
NIK1127	72			Circular
NIK1128	72			Circular
NIK1129	72			Circular
NIK1133		43	27	Arch
NIK947		43	27	Arch
NIK950	72			Circular
NIK954	36			Circular
NIK957	24			Circular
NIK959	36			Circular
NIK961	36			Circular
NIK963	48			Circular
NIK964	48			Circular
NIK965	48			Circular
NIK968	36			Circular
NIK969	24			Circular
NIK970	24			Circular
NIK974	36			Circular
NIK975	36			Circular
NIK976	36			Circular
NIK980	36			Circular
NIK1126	36			Circular
ZZZ794	36			Circular
ZZZ798	36			Circular
ZZZ799	36			Circular
YEY193	36			Circular
YEY195	36			Circular
YEY197	36			Circular
PIP21051	36			Circular
PIP21052	36			Circular
PIP21054	24			Circular

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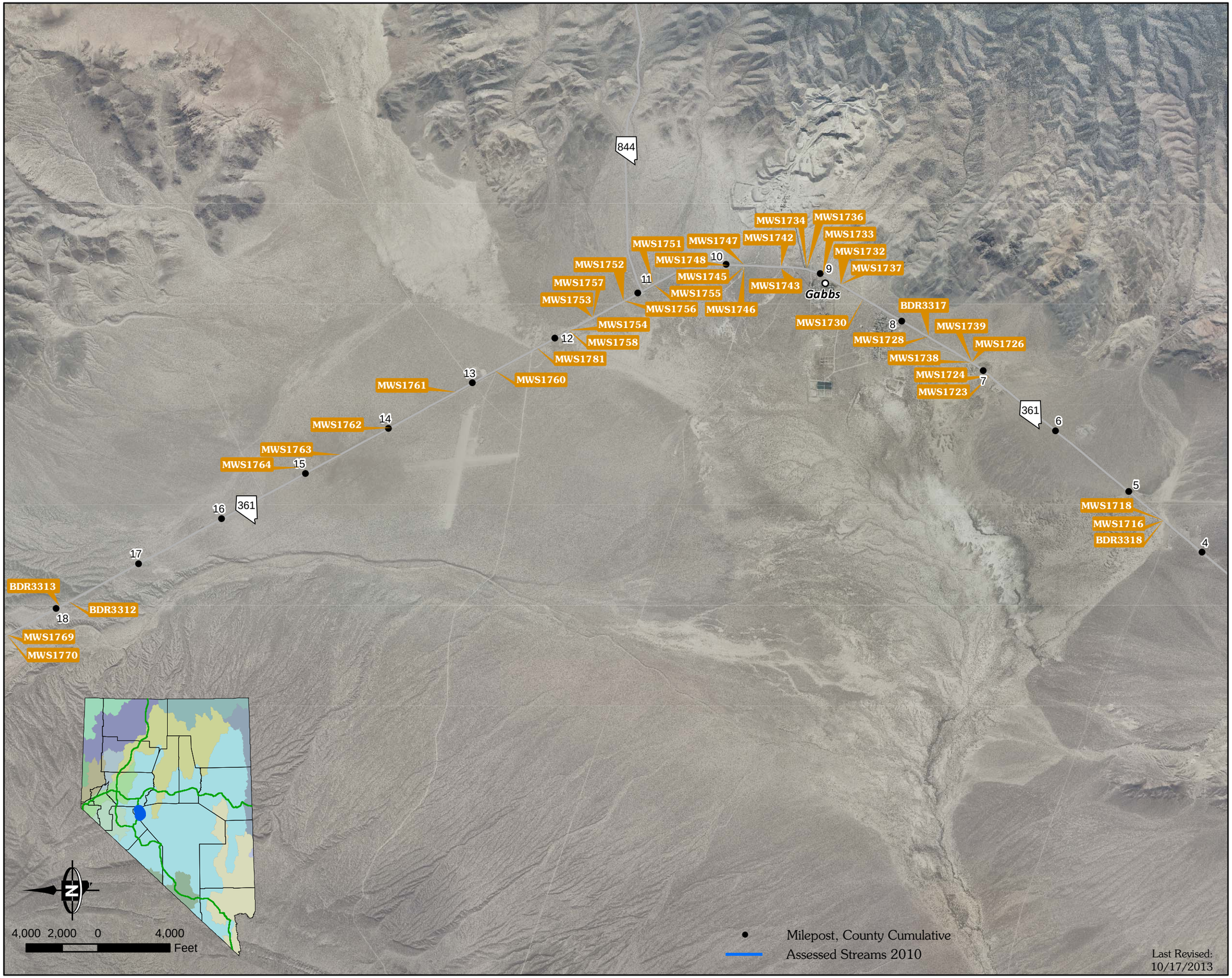
All Environmentally Reportable Facilities

SR 361 Corridor (Central)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MWS1769		120	72	Box
MWS1770		120	72	Box
MWS1728	36			Circular
MWS1781		29	18	Arch
BDR3312	36			Circular
BDR3313	36			Circular
MWS1716	36			Circular
BDR3318	36			Circular
MWS1718	36			Circular
MWS1723	36			Circular
MWS1724	36			Circular
MWS1726	36			Circular
BDR3317	36			Circular
MWS1730	60			Circular
MWS1732	30			Circular
MWS1733	60			Circular
MWS1734		66	66	Arch
MWS1736		66	66	Arch
MWS1737	30			Circular
MWS1738	36			Circular
MWS1739	36			Circular
MWS1742	42			Circular
MWS1743	42			Circular
MWS1745	60			Circular
MWS1746	60			Circular
MWS1747	60			Circular
MWS1748	60			Circular
MWS1751	24			Circular
MWS1752		29	18	Arch
MWS1753		29	18	Arch
MWS1754		29	18	Arch
MWS1755	24			Circular
MWS1756		29	18	Arch
MWS1757		29	18	Arch
MWS1758		29	18	Arch
MWS1760		29	18	Arch
MWS1761		29	18	Arch
MWS1762		29	18	Arch
MWS1763		29	18	Arch
MWS1764		29	18	Arch



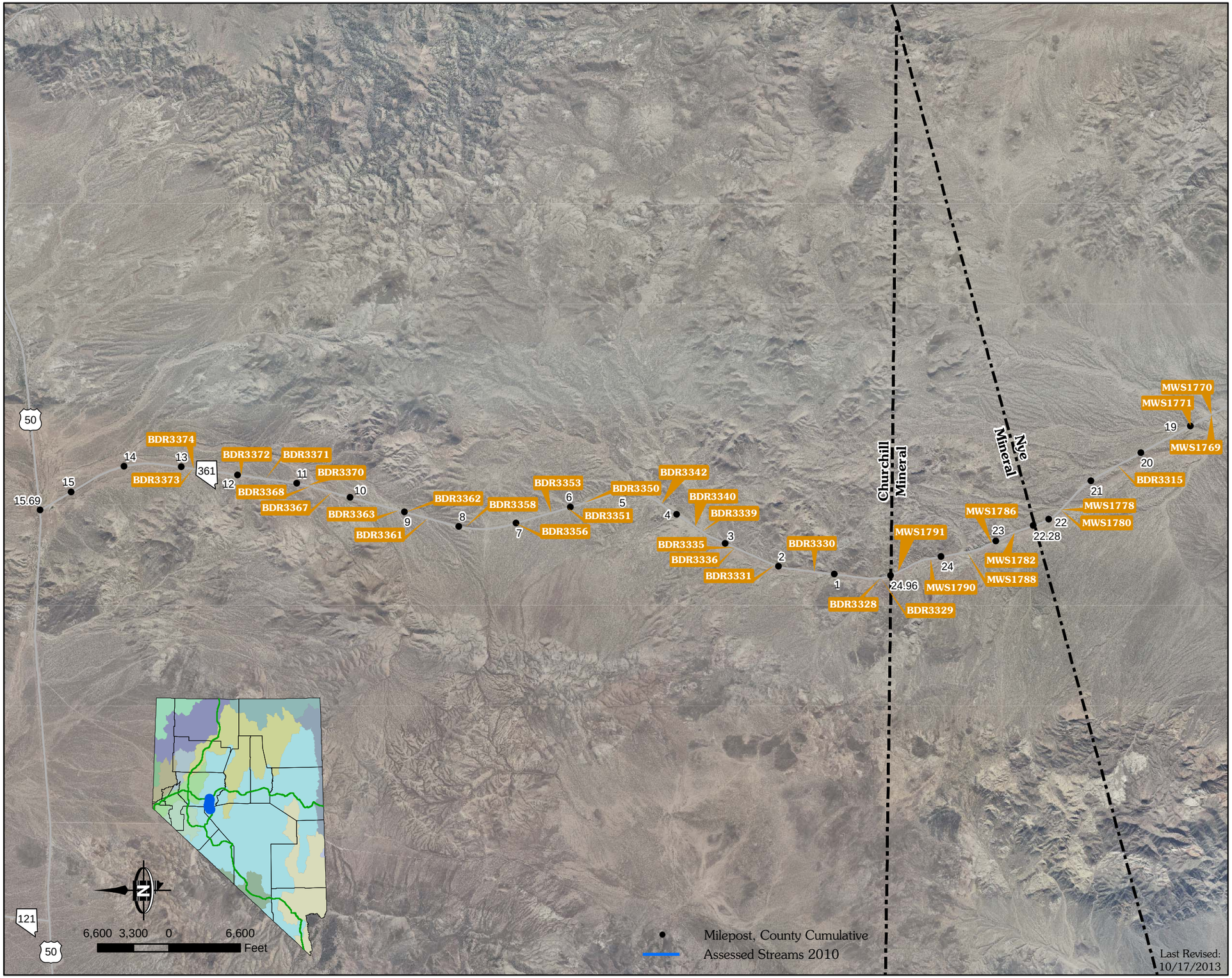
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 361 Corridor (North)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MWS1769		120	72	Box
MWS1770		120	72	Box
MWS1771	48			Circular
MWS1778		29	18	Arch
MWS1780		29	18	Arch
MWS1782	36			Circular
MWS1786	36			Circular
MWS1788	36			Circular
MWS1790	36			Circular
MWS1791	36			Circular
BDR3315	48			Circular
BDR3328		72	44	Arch
BDR3329		72	44	Arch
BDR3330	36			Circular
BDR3331	36			Circular
BDR3335	24			Circular
BDR3336	24			Circular
BDR3339	48			Circular
BDR3340	60			Circular
BDR3342	36			Circular
BDR3350	60			Circular
BDR3351	36			Circular
BDR3353	36			Circular
BDR3356	36			Circular
BDR3358	36			Circular
BDR3361	60			Circular
BDR3362	36			Circular
BDR3363	72			Circular
BDR3367	72			Circular
BDR3368	48			Circular
BDR3370	36			Circular
BDR3371	36			Circular
BDR3372	48			Circular
BDR3373	36			Circular
BDR3374	36			Circular



STATE OF NEVADA
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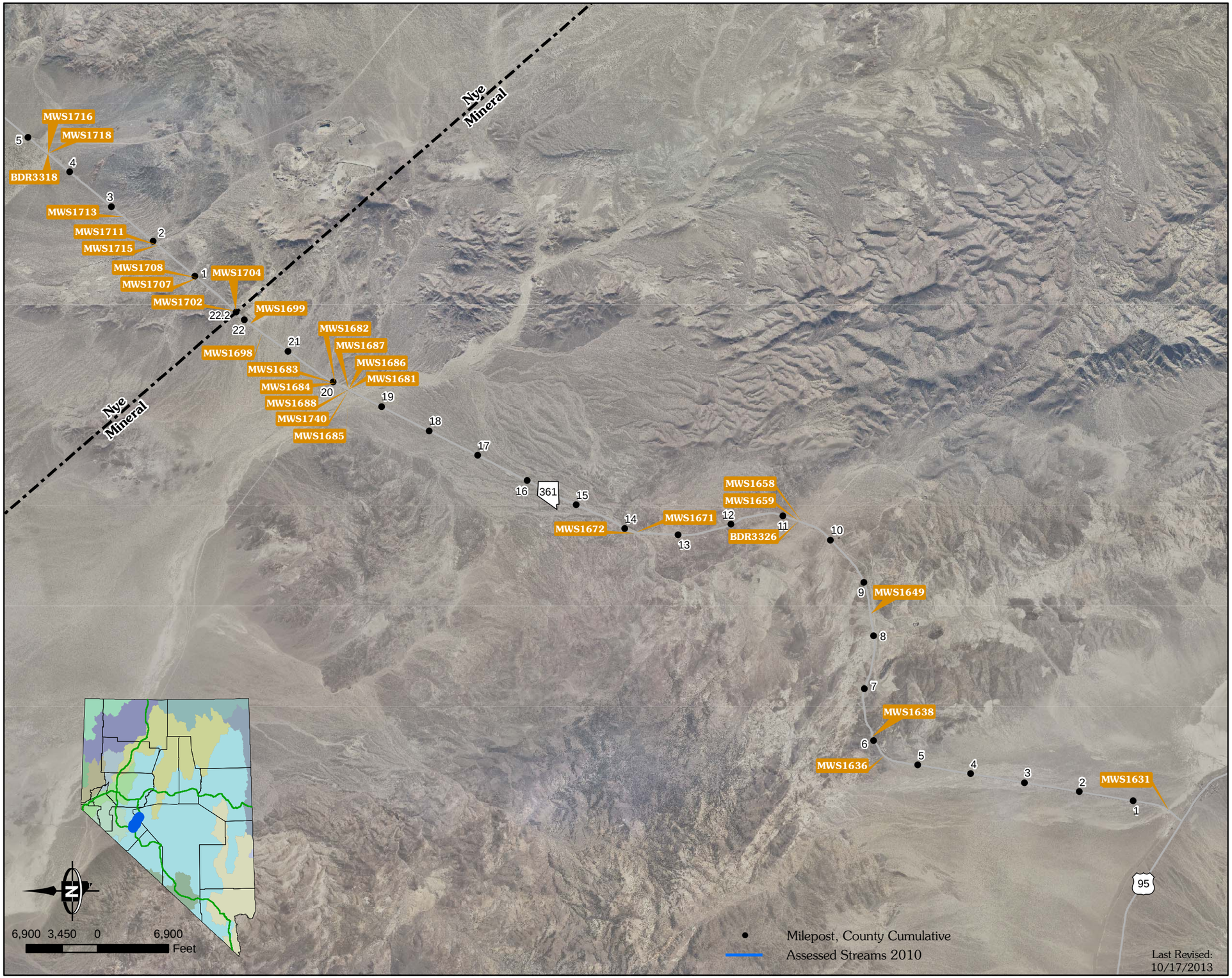
All Environmentally Reportable Facilities

SR 361 Corridor (South)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MWS1698	36			Circular
MWS1699	36			Circular
MWS1702	30			Circular
MWS1704	30			Circular
MWS1707	36			Circular
MWS1708	36			Circular
MWS1711		102	102	Arch
MWS1636	36			Circular
MWS1638	36			Circular
MWS1649		60	60	Arch
MWS1658	36			Circular
MWS1659		48	48	Arch
MWS1671		120	120	Arch
MWS1672		120	120	Arch
MWS1673		120	120	Arch
MWS1682		72	72	Arch
MWS1683		72	72	Arch
MWS1684		72	72	Arch
MWS1681	36			Circular
MWS1685	36			Circular
MWS1686	36			Circular
MWS1687	36			Circular
MWS1740	36			Circular
MWS1713	36			Circular
MWS1715		102	102	Arch
MWS1688	36			Circular
MWS1631	24			Circular
BDR3322	24			Circular
BDR3323	24			Circular
BDR3324	24			Circular
MWS1716	36			Circular
BDR3318	36			Circular
BDR3326		48	48	Arch
MWS1718	36			Circular



STATE OF NEVADA
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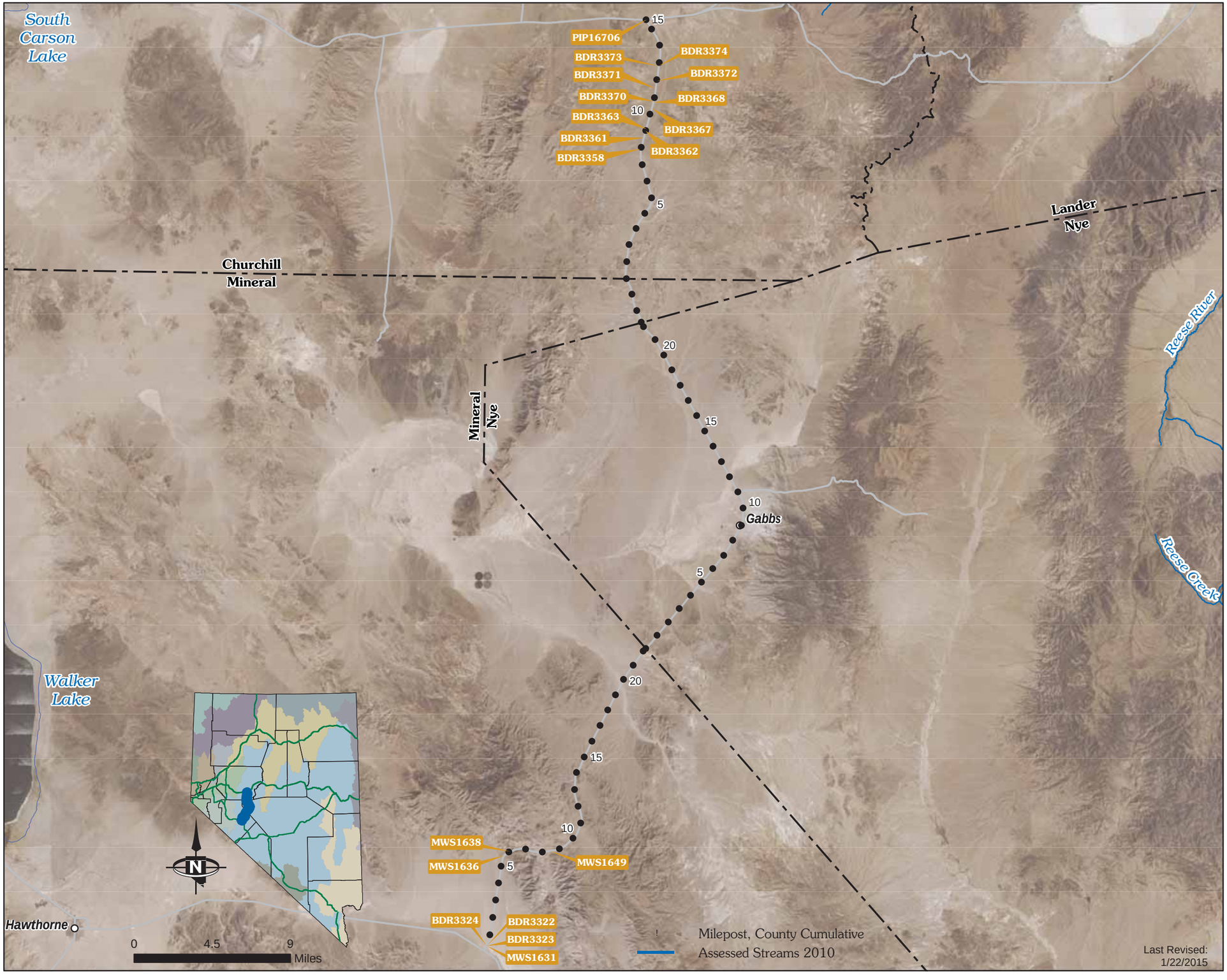
All Environmentally Reportable Facilities

SR 361 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MWS1636	36	NA	NA	Circular
MWS1638	36	NA	NA	Circular
MWS1649	0	60	60	Arch
MWS1631	24	NA	NA	Circular
BDR3322	24	NA	NA	Circular
BDR3323	24	NA	NA	Circular
BDR3324	24	NA	NA	Circular
BDR3358	36			Circular
BDR3361	60			Circular
BDR3362	36			Circular
BDR3363	72			Circular
BDR3367	72			Circular
BDR3368	48			Circular
BDR3370	36			Circular
BDR3371	36			Circular
BDR3372	48			Circular
BDR3373	36			Circular
BDR3374	36			Circular
PIP16706				Other (see notes)
PIP16707				Other (see notes)



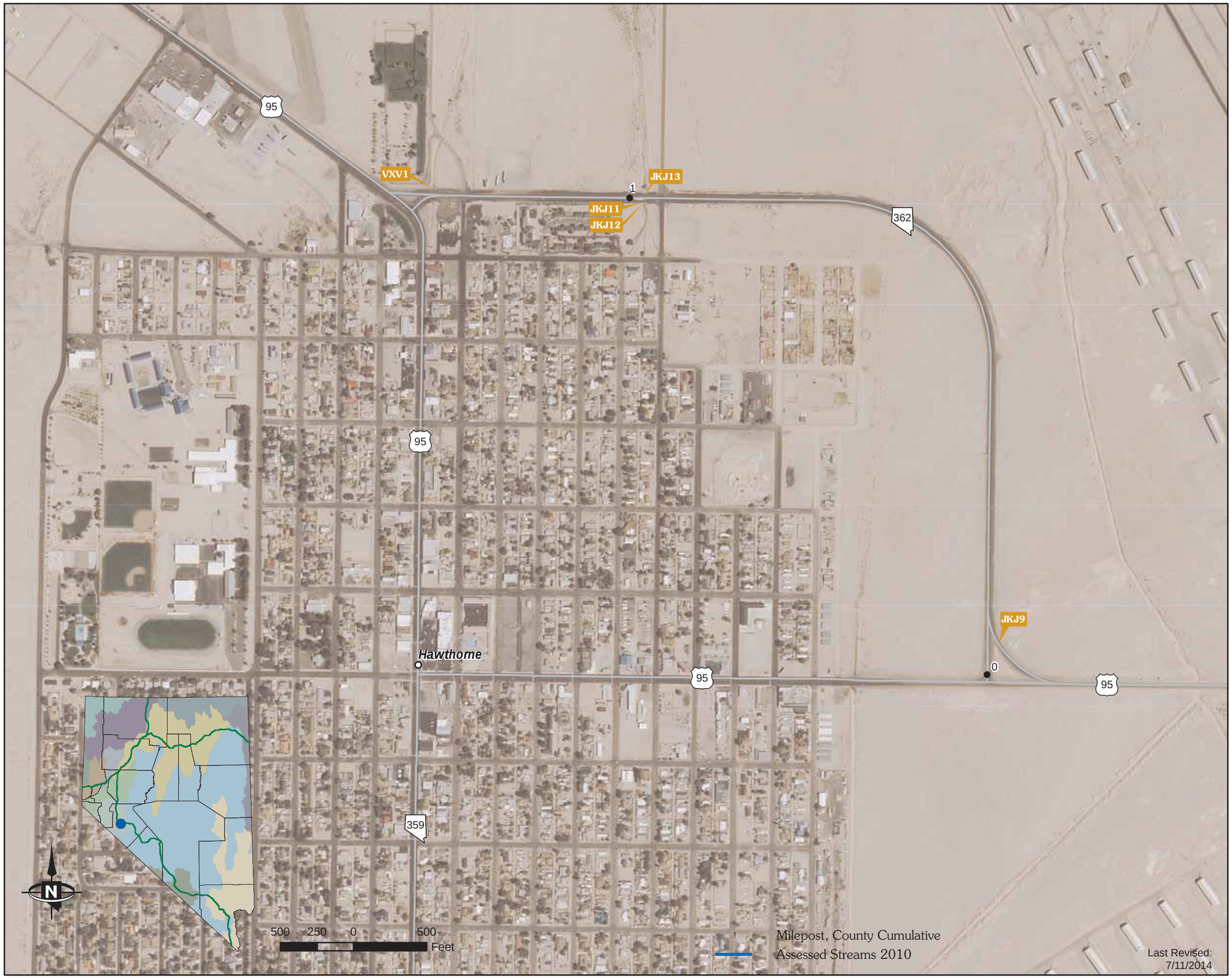
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 362 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
JKJ9	36			Circular
JKJ13	36			Circular
JKJ12	36			Circular
JKJ11	36			Circular
VXV1	36			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

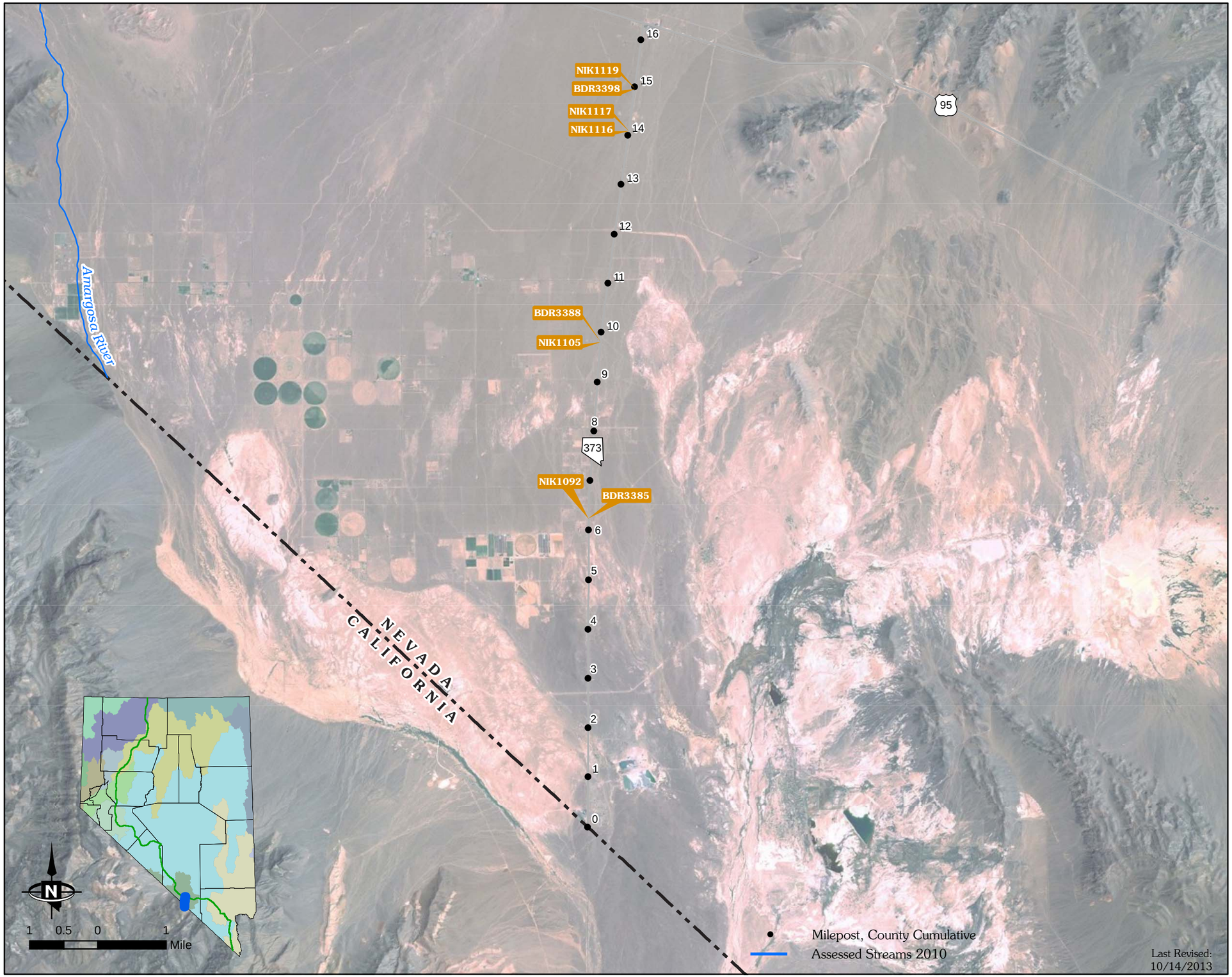
All Environmentally Reportable Facilities

SR 373 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
BDR3385	24			Circular
BDR3388	24			Circular
NIK1105	24			Circular
NIK1116	30			Circular
NIK1117	30			Circular
BDR3398	24			Circular
NIK1119	24			Circular
NIK1092	24			Circular



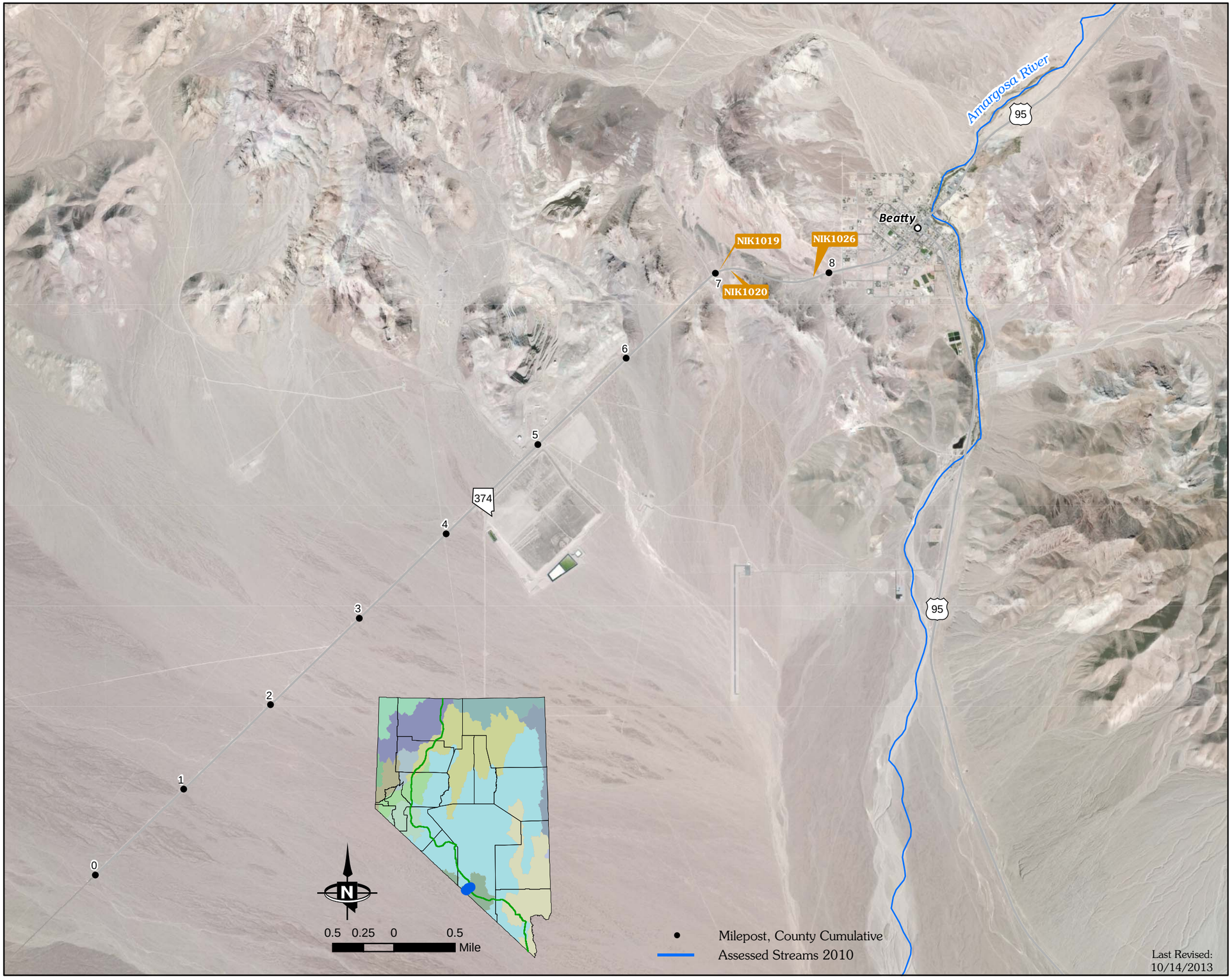
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 374 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1019	36			Circular
NIK1020	36			Circular
NIK1026		48	48	Box



STATE OF NEVADA
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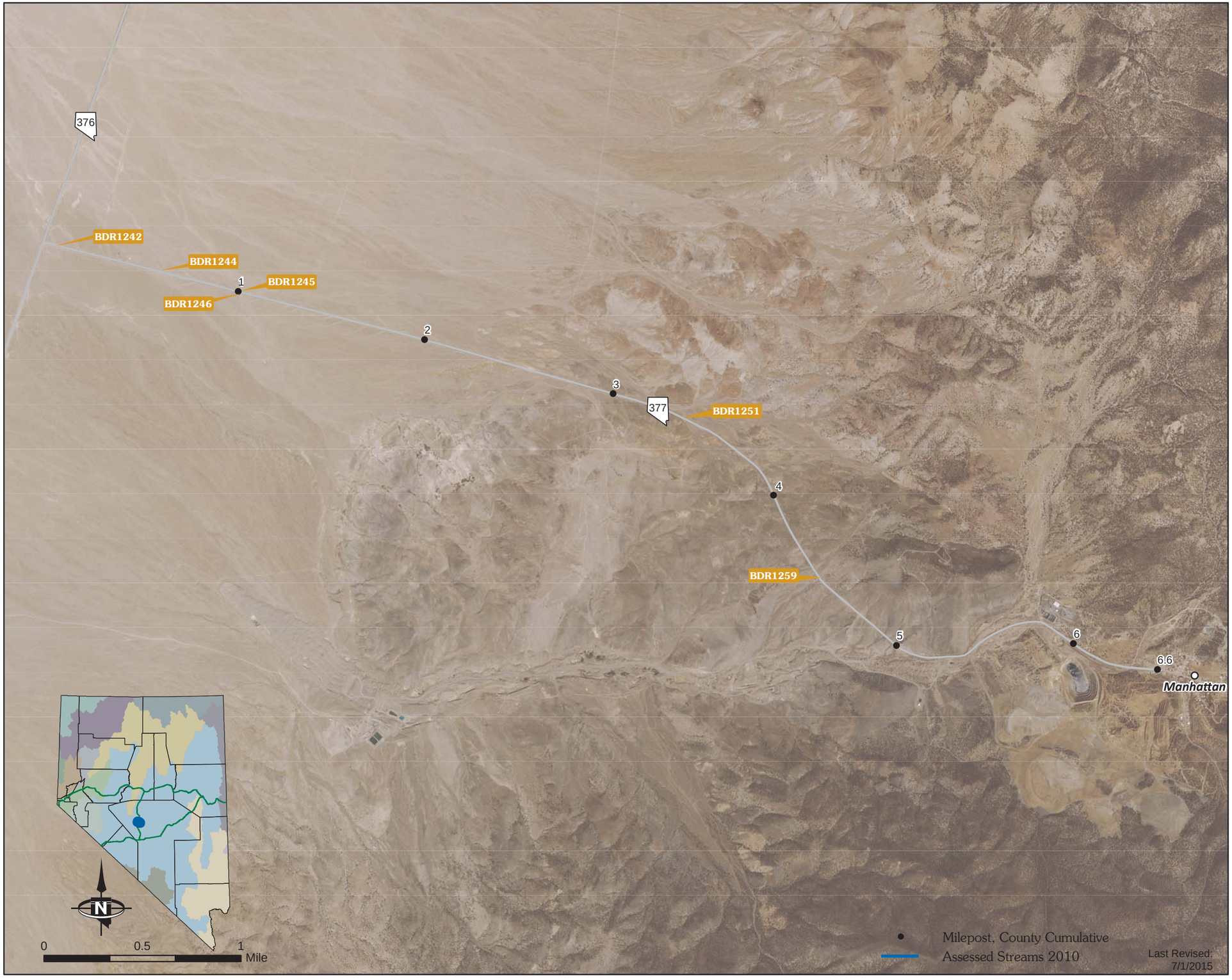
All Environmentally Reportable Facilities

SR 377 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR1242		44	25	Arch
BDR1244		49	33	Arch
BDR1245	48			Circular
BDR1246	48			Circular
BDR1251	36			Circular
BDR1259	36			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

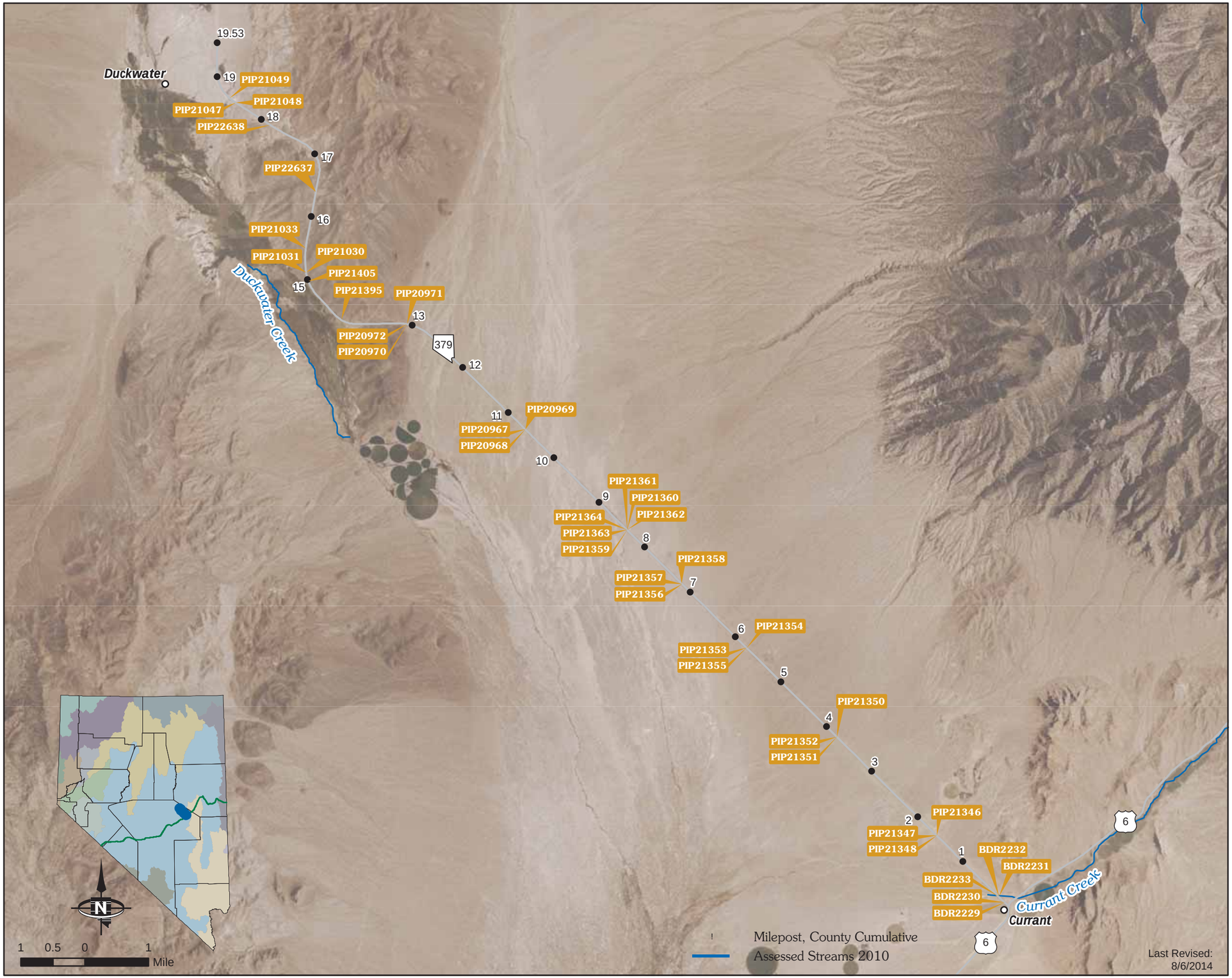
All Environmentally Reportable Facilities

SR 379 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
BDR2229	24			Circular
BDR2230	24			Circular
BDR2231		43	27	Arch
BDR2232		43	27	Arch
BDR2233		43	27	Arch
PIP20967	24			Circular
PIP20968	24			Circular
PIP20969	24			Circular
PIP20970	24			Circular
PIP20971	24			Circular
PIP20972	24			Circular
PIP21030	24			Circular
PIP21031	24			Circular
PIP21033	36			Circular
PIP21047	36			Circular
PIP21048	36			Circular
PIP21049	36			Circular
PIP21346	24			Circular
PIP21347	24			Circular
PIP21348	24			Circular
PIP21350	24			Circular
PIP21351	24			Circular
PIP21352	24			Circular
PIP21353	24			Circular
PIP21354	24			Circular
PIP21355	24			Circular
PIP21356	24			Circular
PIP21357	24			Circular
PIP21358	24			Circular
PIP21359	24			Circular
PIP21360	24			Circular
PIP21361	24			Circular
PIP21362	24			Circular
PIP21363	24			Circular
PIP21364	24			Circular
PIP21395		29	18	Arch
PIP21405		29	18	Arch
PIP22637		72	48	Box
PIP22638		29	18	Arch



STATE OF NEVADA
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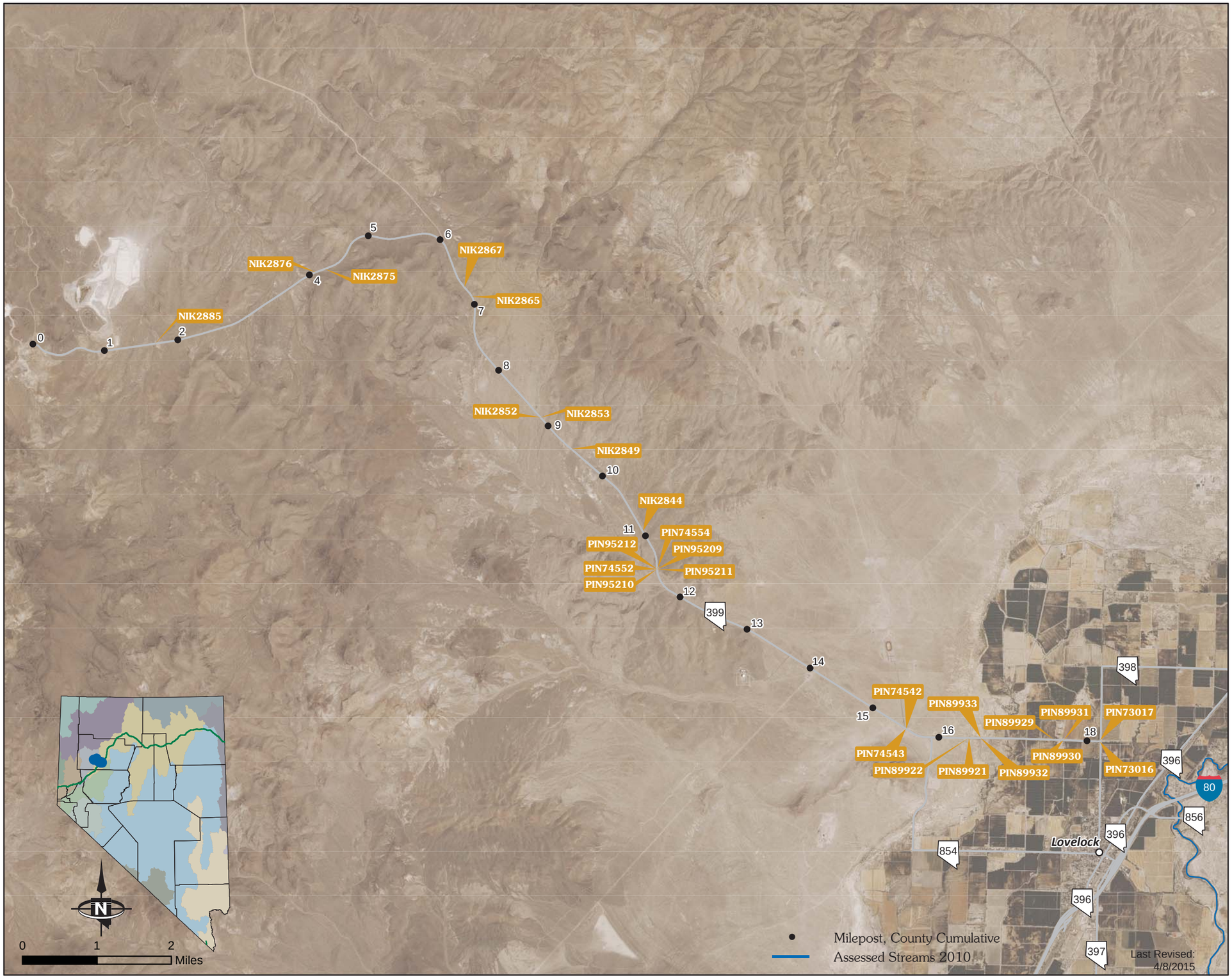
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 399 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK2844		43	27	Arch
NIK2849		43	27	Arch
NIK2852		43	27	Arch
NIK2853		43	27	Arch
NIK2865	36			Circular
NIK2867	36			Circular
NIK2875	36			Circular
NIK2876	36			Circular
NIK2885	36			Circular
PIN73016	36			Circular
PIN73017		36	30	Arch
PIN74542		36	22	Arch
PIN74543		36	22	Arch
PIN74552		43	27	Arch
PIN74554		43	27	Arch
PIN89921	24			Circular
PIN89922	24			Circular
PIN89929		44	36	Arch
PIN89930	42			Circular
PIN89931		44	36	Arch
PIN89932	24			Circular
PIN89933	24			Circular
PIN95209		43	27	Arch
PIN95210	36			Circular
PIN95211	36			Circular
PIN95212	36			Circular



STATE OF NEVADA
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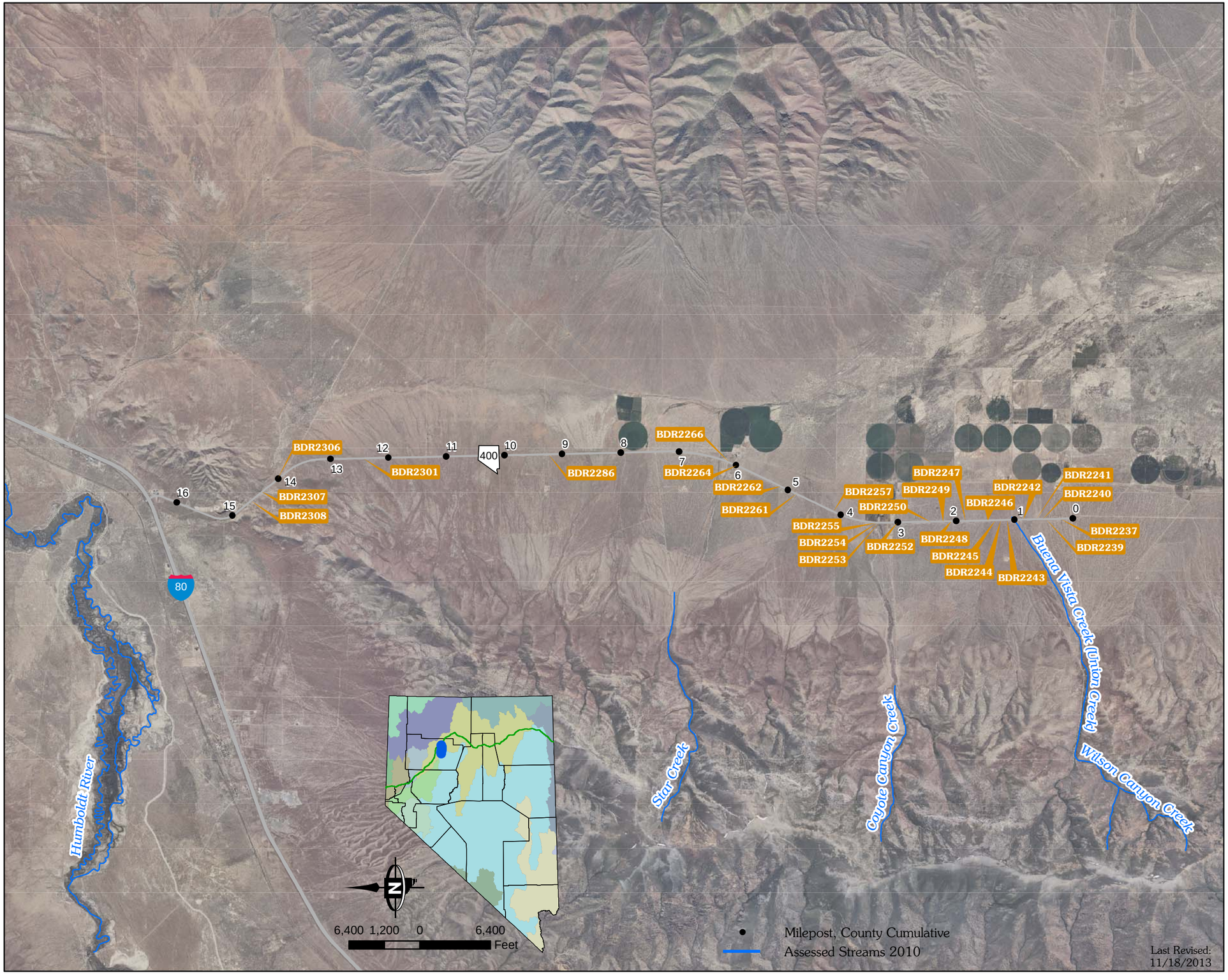
All Environmentally Reportable Facilities

SR 400 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1563		96	60	Box
NIK1566	36			Circular
BDR2660		72	36	Box
BDR2662	36			Circular
BDR2665	36			Circular
BDR2666		72	36	Box
BDR2672	36			Circular
BDR2674		120	48	Box
BDR2676	36			Circular
BDR2677	36			Circular
BDR2678	36			Circular
BDR2679	36			Circular
BDR2682	36			Circular
BDR2683	36			Circular
BDR2724		72	36	Box
BDR2726	36			Circular
BDR2727	36			Circular
BDR2730		96	48	Box
BDR2731	36			Circular
BDR2732	36			Circular
BDR2733		72	36	Box
BDR2736		120	60	Box
BDR2738		120	48	Box
BDR2739		120	48	Box
BDR2740		120	48	Box
BDR2744		120	48	Box
BDR2746		84	60	Box
BDR2747		84	60	Box
BDR2748		60	48	Box
BDR2749	36			Circular
BDR2750		84	48	Box



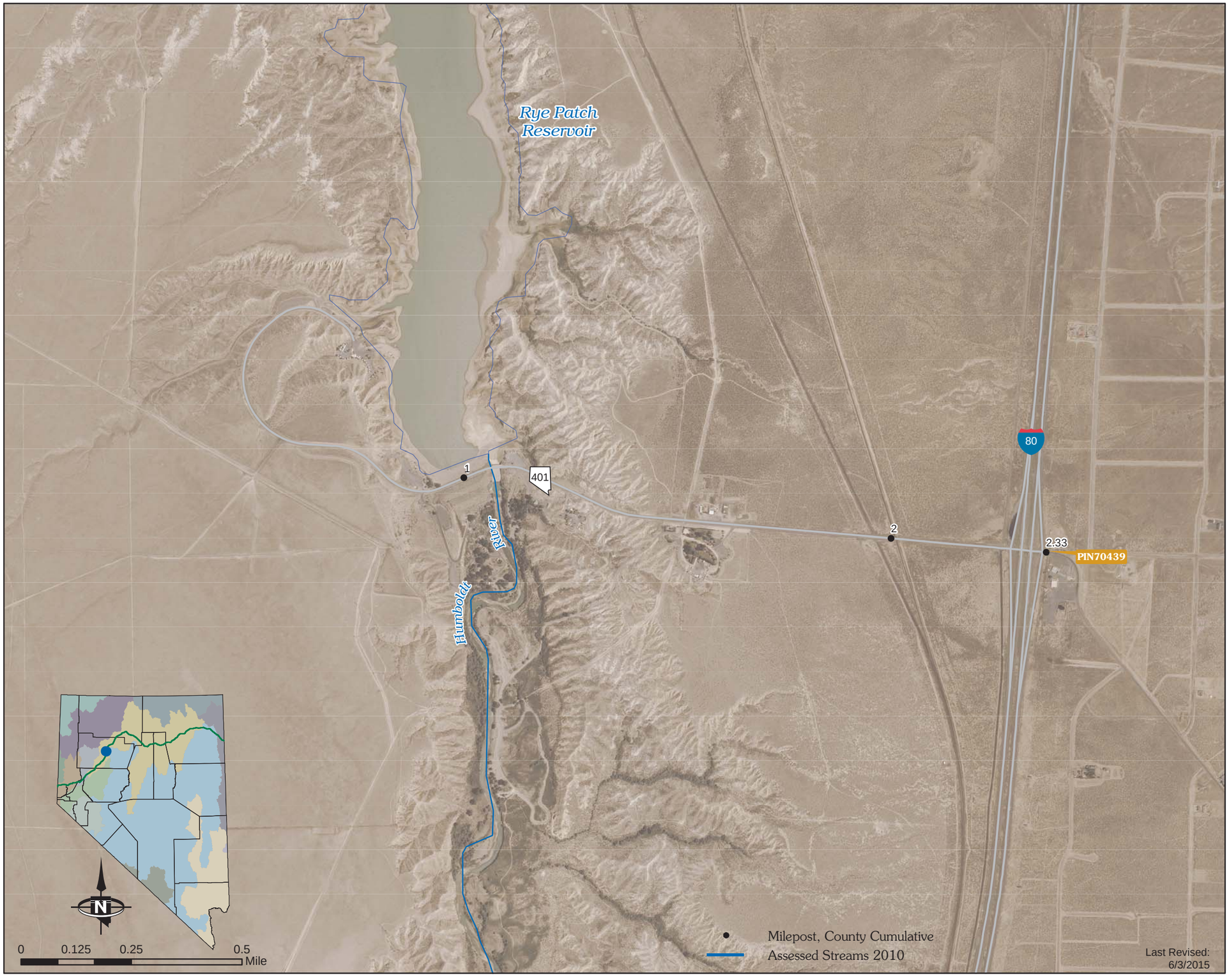
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 401 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN70439		43	27	Arch



STATE OF NEVADA
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All Environmentally Reportable Facilities

SR 425 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
TMH202	0	96	84	Box
TMH204	0	72	48	Box
TMH813	0	36	12	Box
TMH814	0	48	36	Box
TMH818	0	96	84	Box

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All Environmentally Reportable Facilities

SR 426 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	D (in)	W (in)	H (in)	Config.

No Reportable Facilities

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All Environmentally Reportable Facilities

SR 427 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP16521	0	36	24	Box
PIP16771	0	36	24	Box
PIP16773	0	144	36	Box

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All Environmentally Reportable Facilities

SR 430 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIPS21366	12			Circular
PIPS21367	60			Other (see notes)
PIPS21368	48			Circular
PIPS21371	60			Circular
PIPS21375	48			Circular
PIPS21378		120	48	Box
PIPS21384	18			Circular
PIPS21391	36			Circular
PIPS21395	12			Circular
PIPS21397	12			Circular
PIPS21406	30			Circular
PIPS21409	48			Circular
PIPS21410	48			Circular
PIP23504	0	120	48	Box

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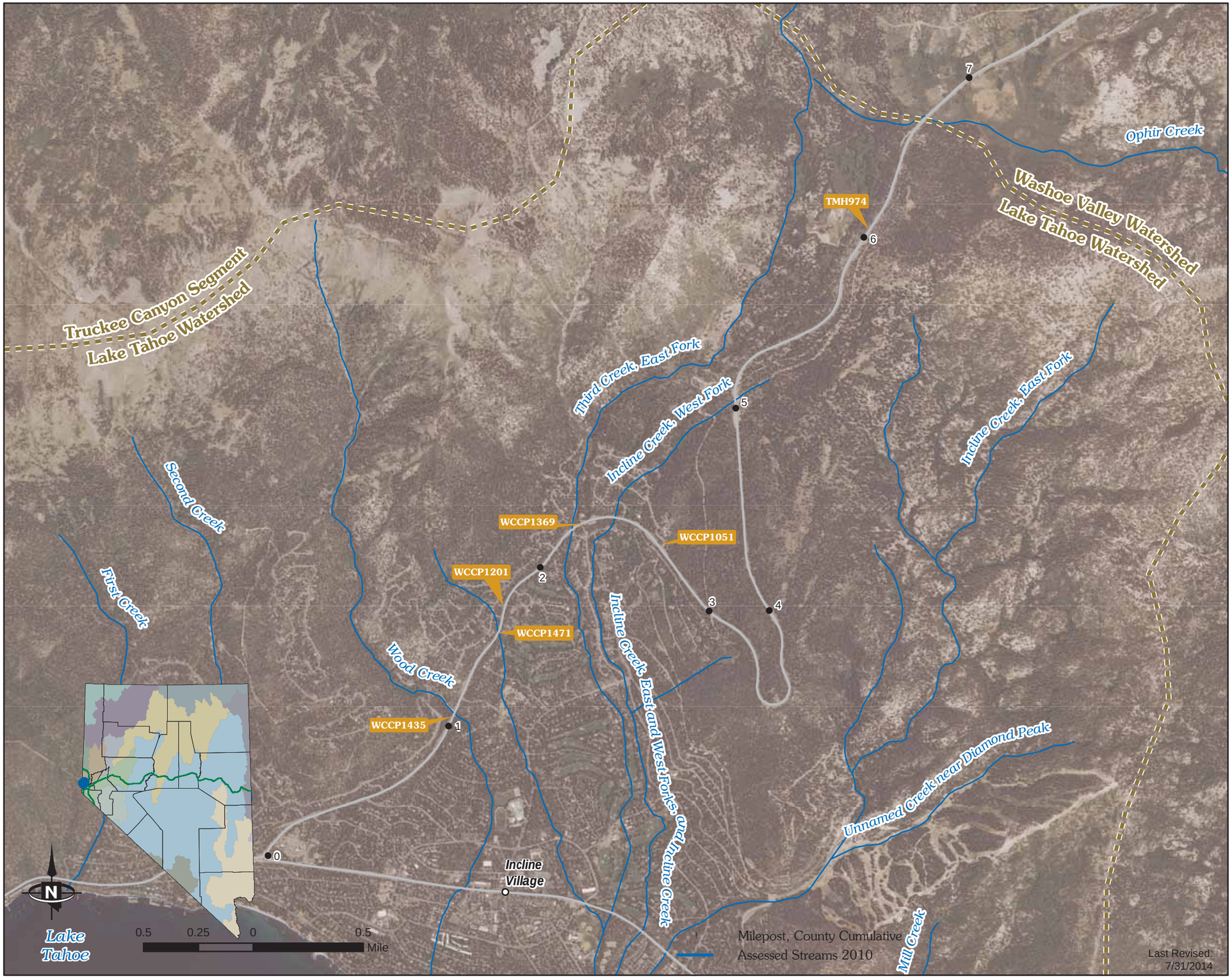
All Environmentally Reportable Facilities

SR 431 Corridor (Within Lake Tahoe Watershed)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
WCCP1369	48	0	0	Circular
WCCP1201	36	0	0	Circular
WCCP1435	0	72	60	Box
WCCP1471	36	0	0	Circular
WCCP1051	36	0	0	Circular
TMH974	36	0	0	Circular



STATE OF NEVADA
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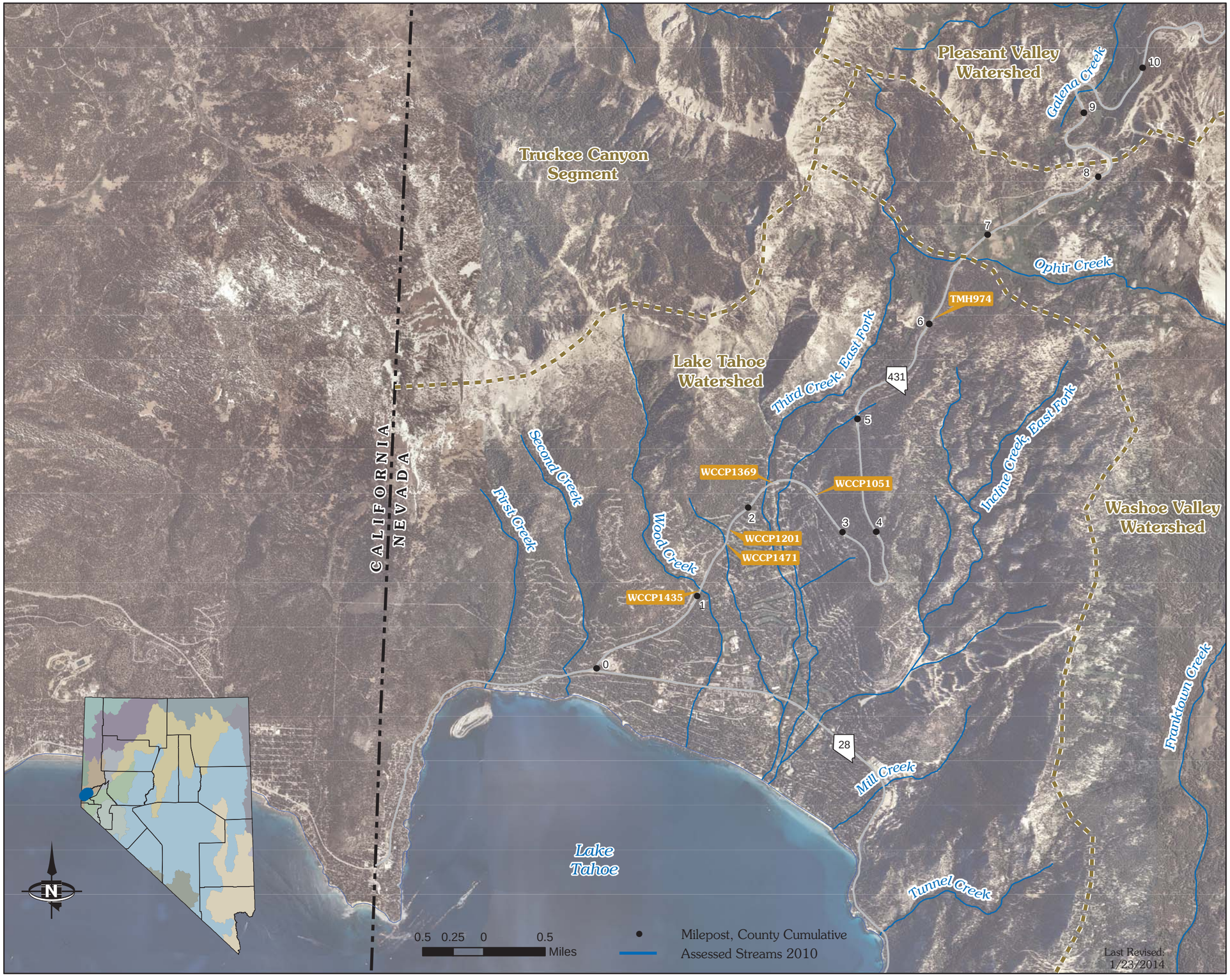
All Environmentally Reportable Facilities

SR 431 Corridor (Within Lake Tahoe Watershed)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
WCCP1369	48	0	0	Circular
WCCP1201	36	0	0	Circular
WCCP1435	0	72	60	Box
WCCP1471	36	0	0	Circular
WCCP1051	36	0	0	Circular
TMH974	36	0	0	Circular



STATE OF NEVADA
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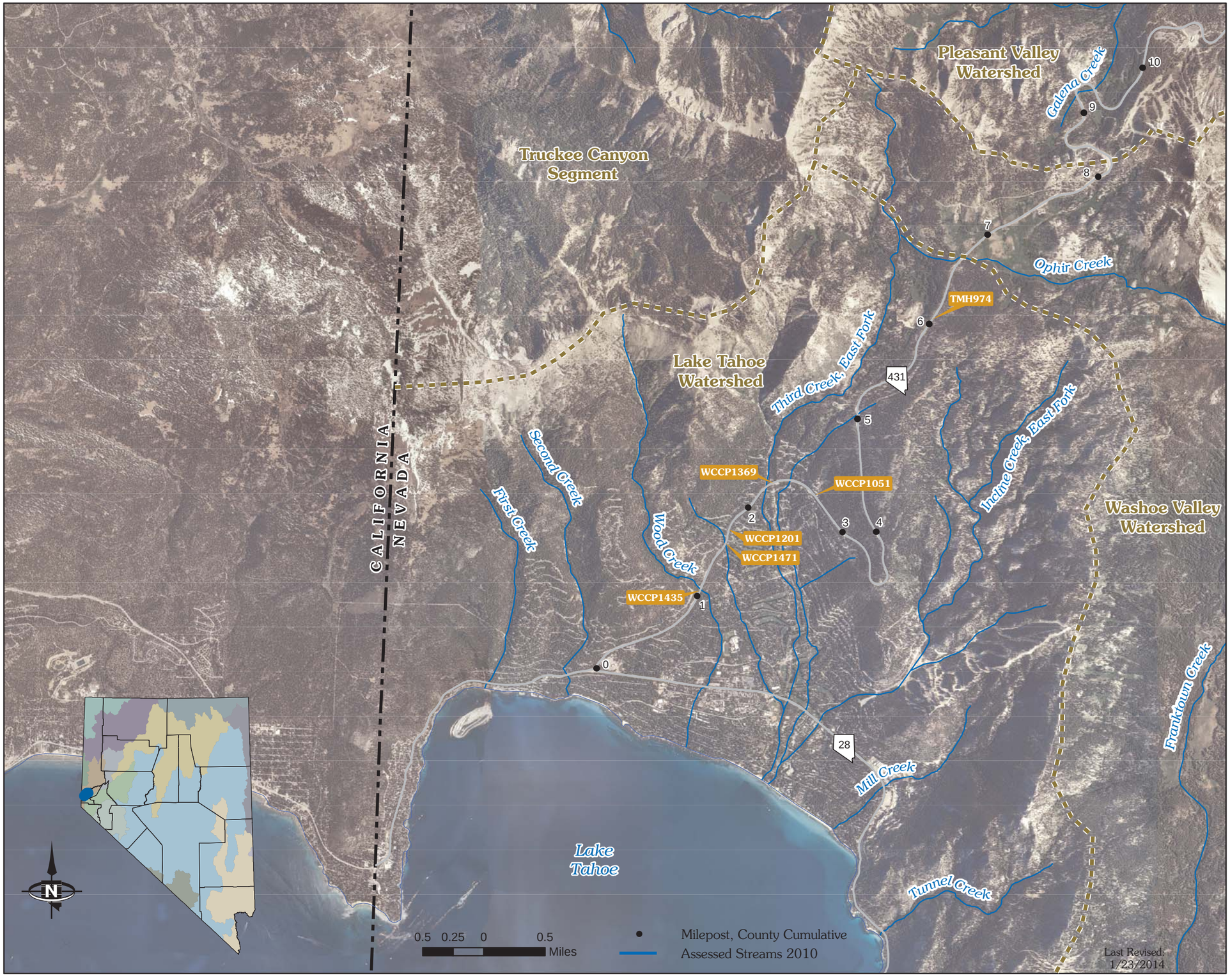
All Environmentally Reportable Facilities

SR 431 Corridor (Within Lake Tahoe Watershed)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
WCCP1369	48	0	0	Circular
WCCP1201	36	0	0	Circular
WCCP1435	0	72	60	Box
WCCP1471	36	0	0	Circular
WCCP1051	36	0	0	Circular
TMH974	36	0	0	Circular



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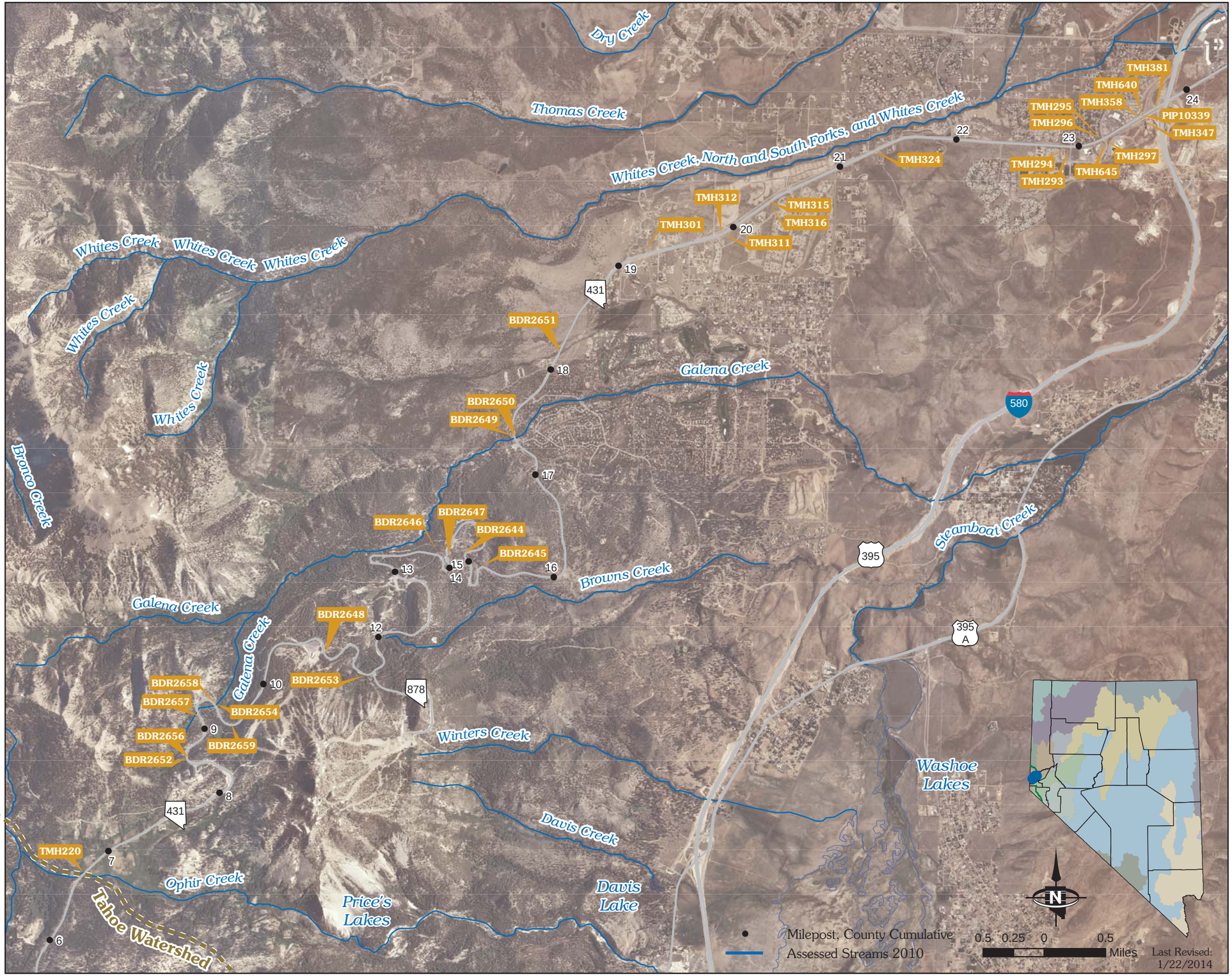
All Environmentally Reportable Facilities

SR 431 Corridor (I-580 to Tahoe Watershed)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
BDR2652	36	0	0	Circular
BDR2656	42	0	0	Circular
BDR2657	42	0	0	Circular
BDR2654	36	0	0	Circular
BDR2658	48	0	0	Circular
BDR2659	48	0	0	Circular
BDR2648	72	0	0	Circular
TMH220	36	0	0	Circular
BDR2644	60	0	0	Circular
BDR2645	60	0	0	Circular
BDR2649	0	72	48	Box
BDR2650	0	72	48	Box
BDR2651	36	0	0	Circular
BDR2653	36	0	0	Circular
BDR2646	60	0	0	Circular
BDR2647	60	0	0	Circular
TMH293	24	0	0	Circular
TMH294	24	0	0	Circular
TMH295	36	0	0	Circular
TMH296	36	0	0	Circular
TMH645	0	96	48	Box
PIP10339	0	96	48	Box
TMH347	36	0	0	Circular
TMH358	36			Circular
TMH274	48	0	0	Circular
TMH301	36	0	0	Circular
TMH311	24	0	0	Circular
TMH312	24	0	0	Circular
TMH315	30	0	0	Circular
TMH316	30	0	0	Circular
TMH324	0	96	36	Box
TMH640	36	0	0	Circular
TMH381	0	72	48	Box
TMH297	0	96	48	Box
TMH974	36	0	0	Circular



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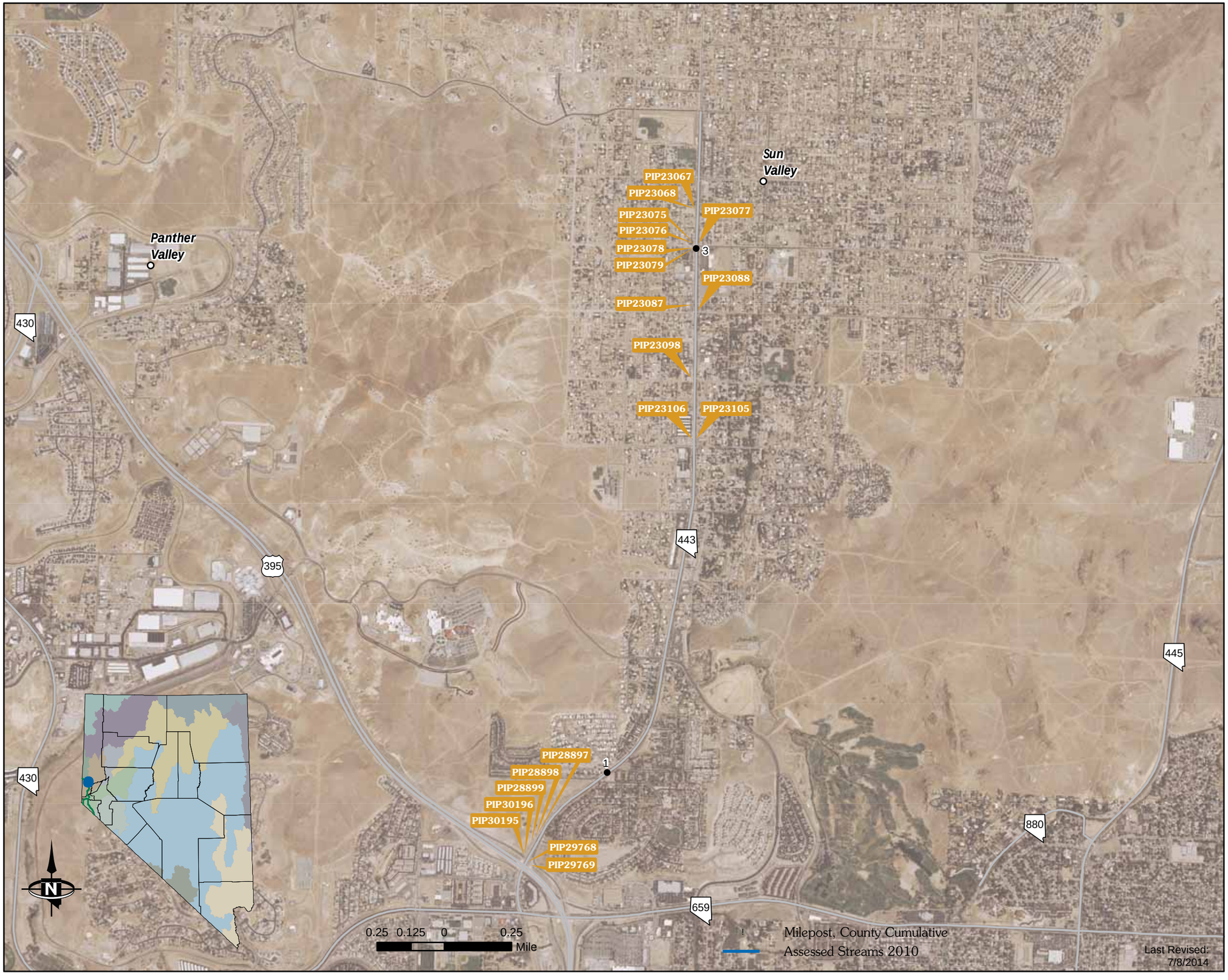
All Environmentally Reportable Facilities

SR 443 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP23067		17	13	Arch
PIP23068		17	13	Arch
PIP23075	24			Circular
PIP23076	24			Circular
PIP23077		17	13	Arch
PIP23078	24			Circular
PIP23079	24			Circular
PIP23087		42	29	Arch
PIP23088		17	13	Arch
PIP23098	36			Circular
PIP23105	24			Circular
PIP23106	24			Circular
PIP28897	36			Circular
PIP28898	36			Circular
PIP28899	36			Circular
PIP29768		35	24	Arch
PIP29769		35	24	Arch
PIP30195	30			Circular
PIP30196	30			Circular



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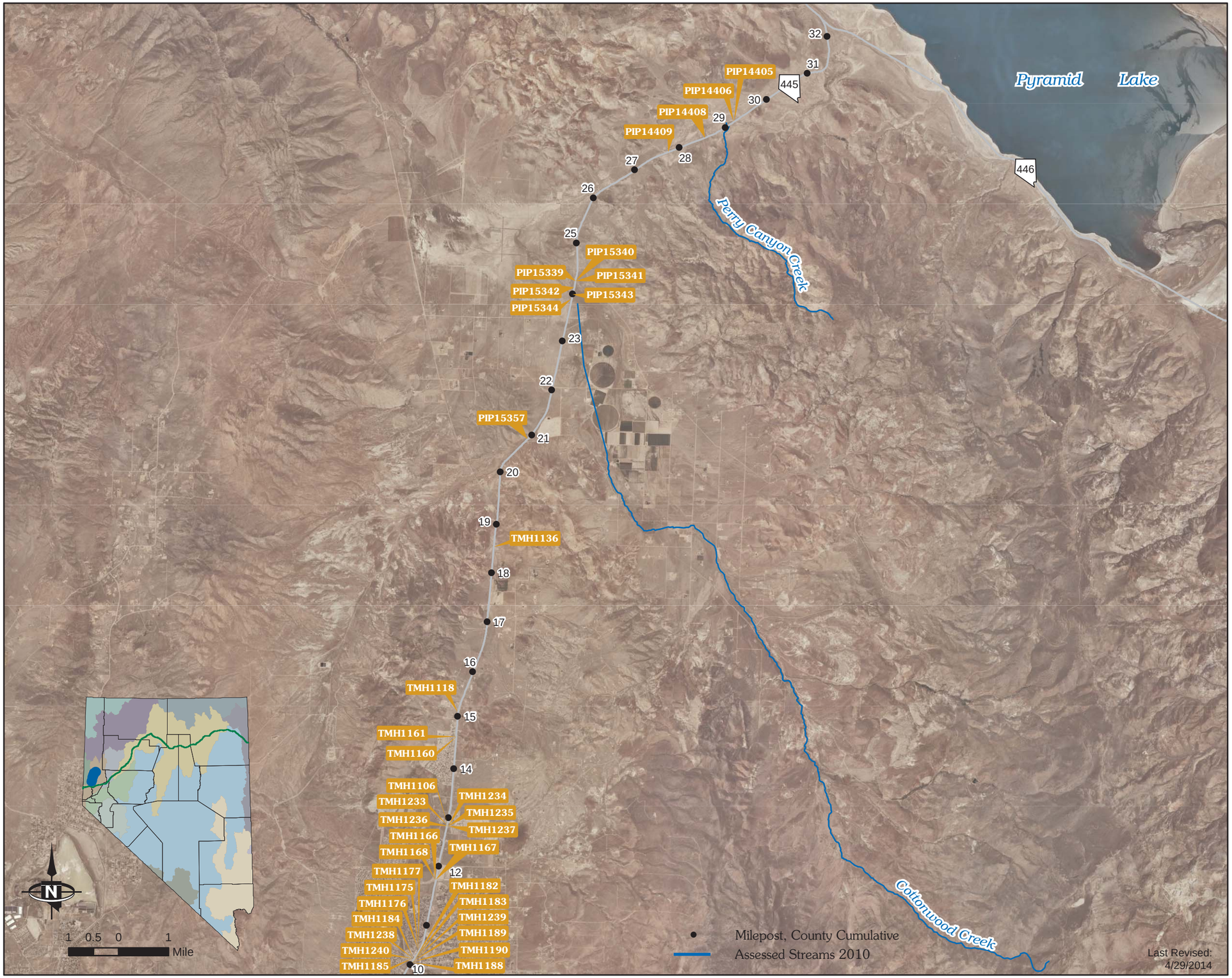
All Environmentally Reportable Facilities

SR 445 Corridor (MP 10 to SR 446)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
TMH1106	18	0	0	Circular
TMH1118	36	0	0	Circular
TMH1136	0	48	36	
TMH1234	18	0	0	Circular
TMH1235	18	0	0	Circular
TMH1236	18	0	0	Circular
TMH1237	18	0	0	Circular
TMH1233	18	0	0	Circular
TMH1238	42			Circular
TMH1239	42	0	0	Circular
TMH1240	0	42	30	Elliptical
PIP14405	0	132	48	Box
PIP14406	0	132	48	Box
PIP14408	36	0	0	Circular
PIP14409	0	36	24	Box
TMH1160	24	0	0	Circular
TMH1161	24	0	0	Circular
TMH1166	0	144	96	Box
TMH1167	0	144	96	Box
TMH1168	0	144	96	Box
TMH1175	18			Circular
TMH1176	18			Circular
TMH1177	18			Circular
TMH1182	0	42	30	Elliptical
TMH1183	42	0	0	Circular
TMH1184	0	42	30	Elliptical
TMH1185	0	42	30	Elliptical
TMH1188	0	192	48	Box
TMH1189	0	48	192	Box
TMH1190	0	192	48	Box
PIP15339	0	72	48	Box
PIP15340	0	72	48	Box
PIP15341	0	72	48	Box
PIP15342	0	18	18	Box
PIP15343	0	48	24	Box
PIP15344	0	48	24	Box
PIP15357	0	144	60	Box



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 445 Corridor (SR 446 to MP 43.96)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP16523		96	60	Box
PIP16524	48			Circular
PIP16525	24			Circular
PIP16777		96	60	Box
PIP16781	48			Circular
PIP16782	48			Circular
PIP16783	48			Circular
PIP16787	30			Circular
PIP16788	30			Circular
PIP16791	54			Circular
PIP16792	66			Circular
PIP16794	24			Circular
PIP16795	24			Circular
PIP16798	54			Circular
PIP16799	54			Circular
PIP16809	24			Circular
PIP16810	24			Circular
PIP16814	24			Circular

STATE OF NEVADA
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All Environmentally Reportable Facilities

SR 445 Corridor (I-80 to MP 10)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
TMH1075	42	0	0	Circular
TMH1082	36	0	0	Circular
TMH1083	0	60	48	Box
TMH1090	36	0	0	Circular
TMH1091	36	0	0	Circular
TMH1092	36	0	0	Circular
TMH1241	36	0	0	Circular
TMH1230	36	0	0	Circular
TMH1231	36			Circular
TMH1148	36	0	0	Circular
TMH1149	36	0	0	Circular
TMH1150	36	0	0	Circular
TMH1151	36	0	0	Circular
TMH1152	36	0	0	Circular
TMH1153	0	96	48	Box
TMH1188	0	192	48	Box
TMH1189	0	48	192	Box
TMH1190	0	192	48	Box
PIPS24029	36			Circular
PIP29265		144	48	Box
PIP29266	78			Circular
PIP29267	24			Circular
PIP29268	24			Circular
PIP29269	36			Circular
PIP29274	24			Other (see notes)
PIP29275	24			Circular
PIP30120	24			Circular
PIP30121	24			Circular
PIPS26042	10			Circular
PIPS26062	24			Circular
PIPS26094	36			Circular
PIPS26095	30			Circular
PIPS26096	36			Circular
PIPS26097	36			Circular
PIPS26104	60			Circular
PIP34876	36			Circular
PIP36177	36			Circular

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All Environmentally Reportable Facilities

SR 446 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR89	54			Circular
PIP13992		35	24	Arch
PIP13993		35	24	Arch
PIP13997	36			Circular
PIP13998		49	33	Arch
PIP13999		49	33	Arch
PIP14000		42	28	Arch
PIP14001	30			Circular
PIP14002	30			Circular
PIP14003	48			Circular
PIP14004	48			Circular
PIP14007		53	41	Arch
PIP14008		35	24	Arch
PIP14009		10	6	Box
PIP14010		10	6	Box

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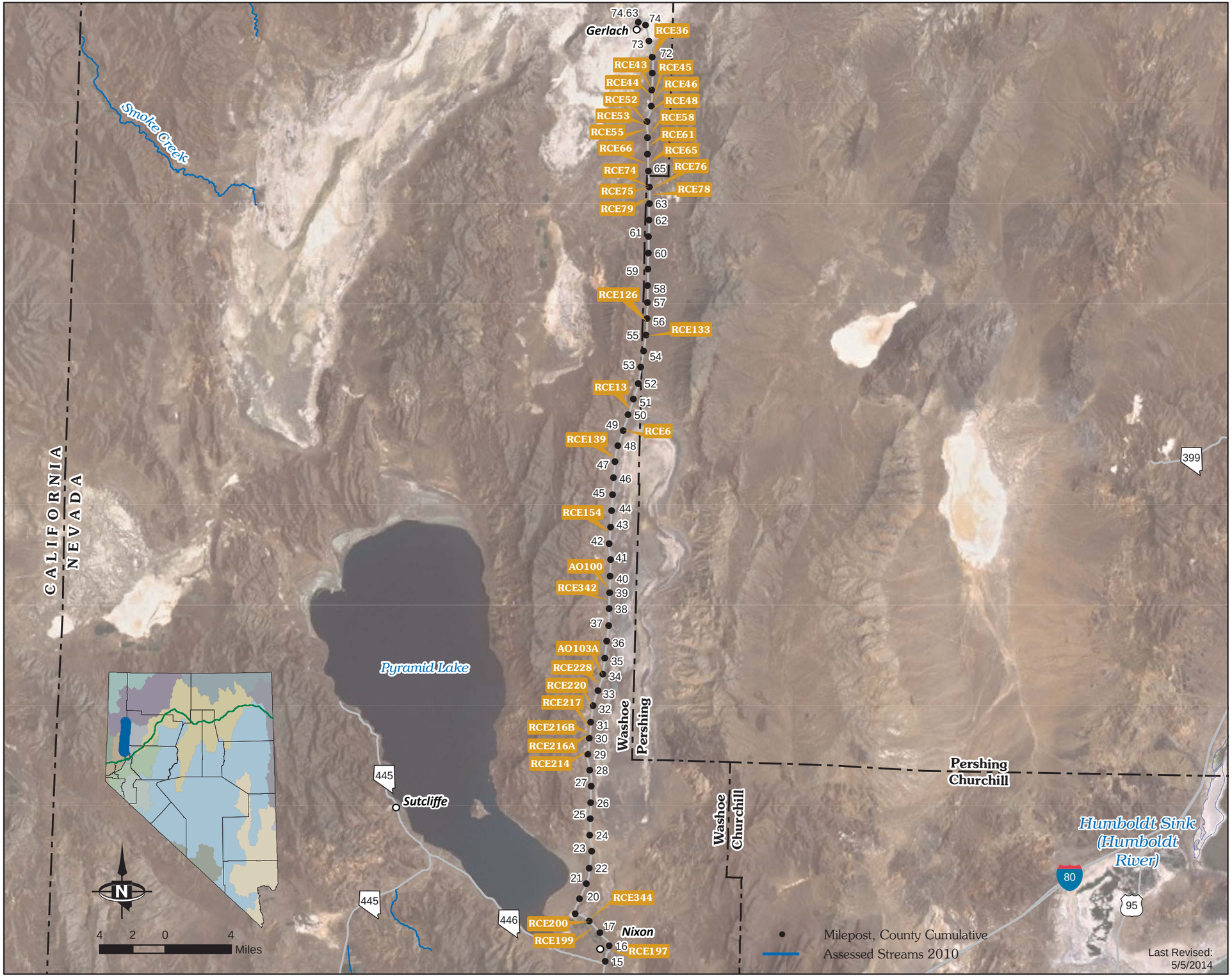
All Environmentally Reportable Facilities

SR 447 Corridor (SR 446 to MP 74.63)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
RCE197		41	24	Arch
RCE199		41	24	Arch
RCE200		41	24	Arch
RCE6	36			Circular
RCE13	36			Circular
RCE154	36			Circular
RCE214	36			Circular
RCE216A	24			Circular
RCE217	36			Circular
RCE220	36			Circular
RCE228		84	60	Box
RCE139	36			Circular
RCE133	36			Circular
RCE126	36			Circular
RCE79	36			Circular
RCE78	36			Circular
RCE76	36			Circular
RCE75	36			Circular
RCE74	36			Circular
RCE66	36			Circular
RCE65	36			Circular
RCE61	36			Circular
RCE58	48			Circular
RCE55	36			Circular
RCE53	36			Circular
RCE52	36			Circular
RCE48	36			Circular
RCE46	24			Circular
RCE45	24			Circular
RCE44	36			Circular
RCE342		120	36	Box
RCE344	36			Circular
RCE43	36			Circular
RCE36	36			Circular
RCE216B	24			Circular
AO100		144	36	Box
AO103A	18			Circular
AO103B	18			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 447 Corridor (SR 427 to SR 446)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
RCE177	24	0	0	Circular
RCE178	24	0	0	Circular
RCE179	24	0	0	Circular
RCE185	48			Circular
RCE186		90	78	Elliptical
RCE193	48			Circular
RCE231	48			Circular

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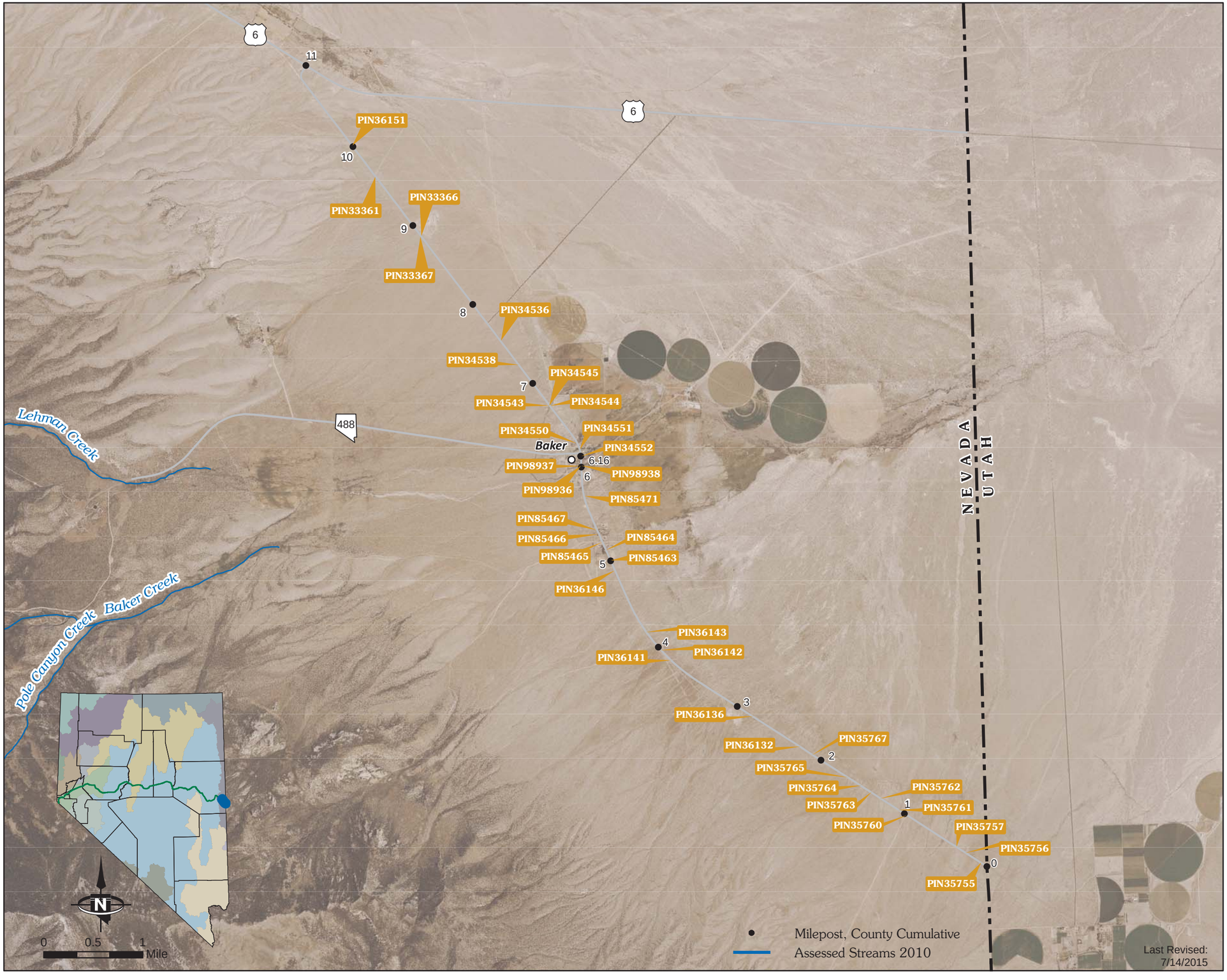
All Environmentally Reportable Facilities

SR 487 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN33361		37	21	Arch
PIN33366		30	17	Arch
PIN33367		30	17	Arch
PIN34536		30	17	Arch
PIN34538		44	25	Arch
PIN34543	36			Circular
PIN34544	36			Circular
PIN34545	36			Circular
PIN34550		21.5	13.5	Arch
PIN34551		21.5	13.5	Arch
PIN34552		21.5	13.5	Arch
PIN35755		21.5	13.5	Arch
PIN35756		21.5	13.5	Arch
PIN35757		21.5	13.5	Arch
PIN35760		21.5	13.5	Arch
PIN35761		21.5	13.5	Arch
PIN35762		21.5	13.5	Arch
PIN35763		21.5	13.5	Arch
PIN35764		21.5	13.5	Arch
PIN35765		21.5	13.5	Arch
PIN35767		21.5	13.5	Arch
PIN36132		21.5	13.5	Arch
PIN36136		21.5	13.5	Arch
PIN36141		21.5	13.5	Arch
PIN36142		21.5	13.5	Arch
PIN36143		21.5	13.5	Arch
PIN36146		21.5	13.5	Arch
PIN36151	36			Circular
PIN85463		21.5	13.5	Arch
PIN85464		21.5	13.5	Arch
PIN85465		21.5	13.5	Arch
PIN85466		21.5	13.5	Arch
PIN85467		21.5	13.5	Arch
PIN85471		21.5	13.5	Arch
PIN98936	36			Circular
PIN98937	36			Circular
PIN98938	36			Circular



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All Environmentally Reportable Facilities

SR 488 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN35729		21.5	13.5	Arch
PIN35732		21.5	13.5	Arch
PIN35733		21.5	13.5	Arch
PIN35740		34	17	Arch
PIN35741		34	17	Arch
PIN35742		34	17	Arch
PIN35744		30	17	Arch
PIN35745		21.5	13.5	Arch
PIN35746		21.5	13.5	Arch
PIN35747		21.5	13.5	Arch
PIN35748		21.5	13.5	Arch
PIN35749	30			Circular
PIN35751	30			Circular
PIN35752		30	17	Arch
PIN35753		30	17	Arch
PIN85474		30	17	Arch

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All Environmentally Reportable Facilities

SR 647 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
TMH915	0	120	120	Box
TMH896	0	60	54	Box
PIP19372	48	0	0	Circular

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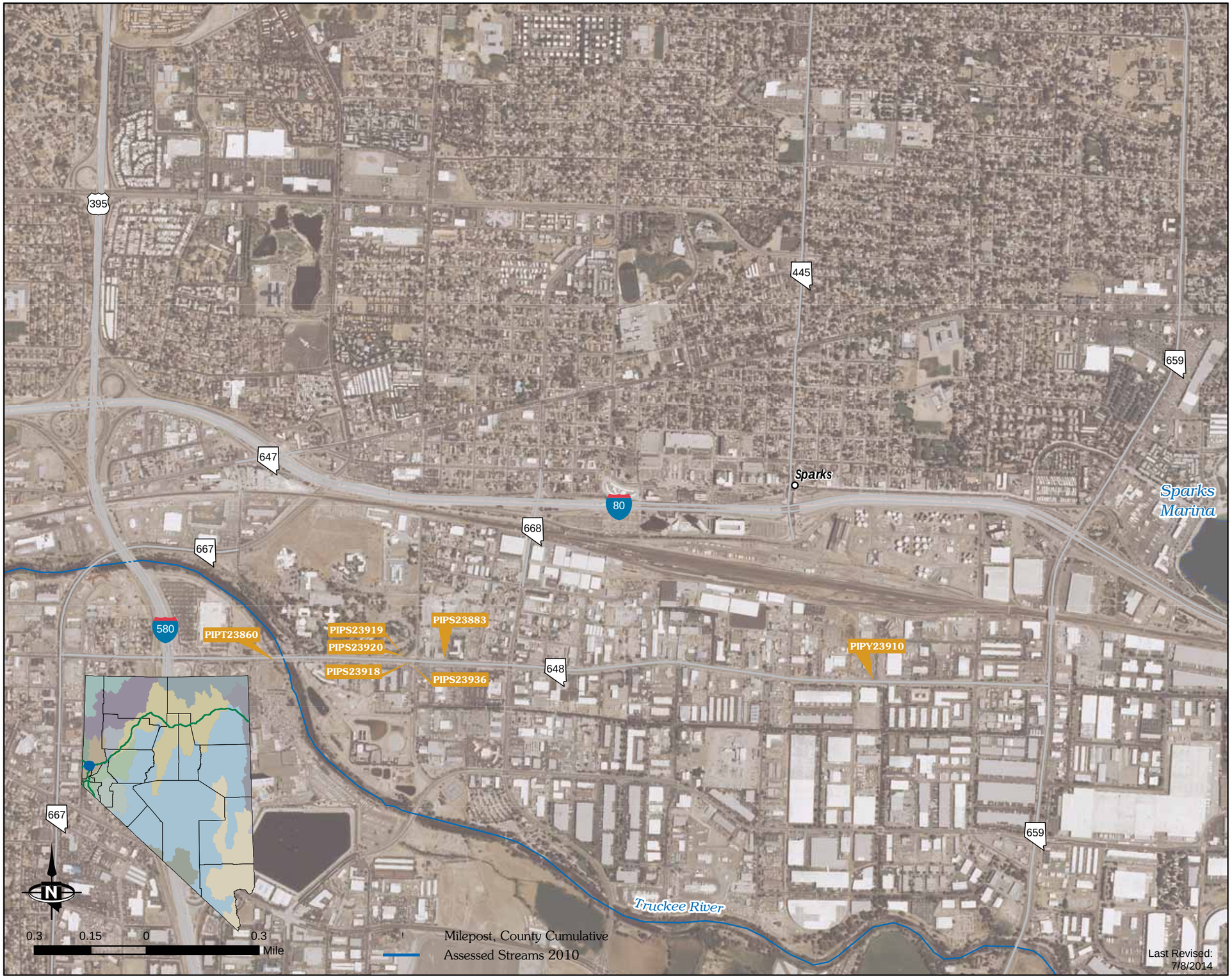
All Environmentally Reportable Facilities

SR 648 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIPT23860	36			Circular
PIPS23883	15			Circular
PIPY23910	15			Circular
PIPS23918	12			Circular
PIPS23919	36			Circular
PIPS23920	36			Circular
PIPS23936	12			Circular



STATE OF NEVADA
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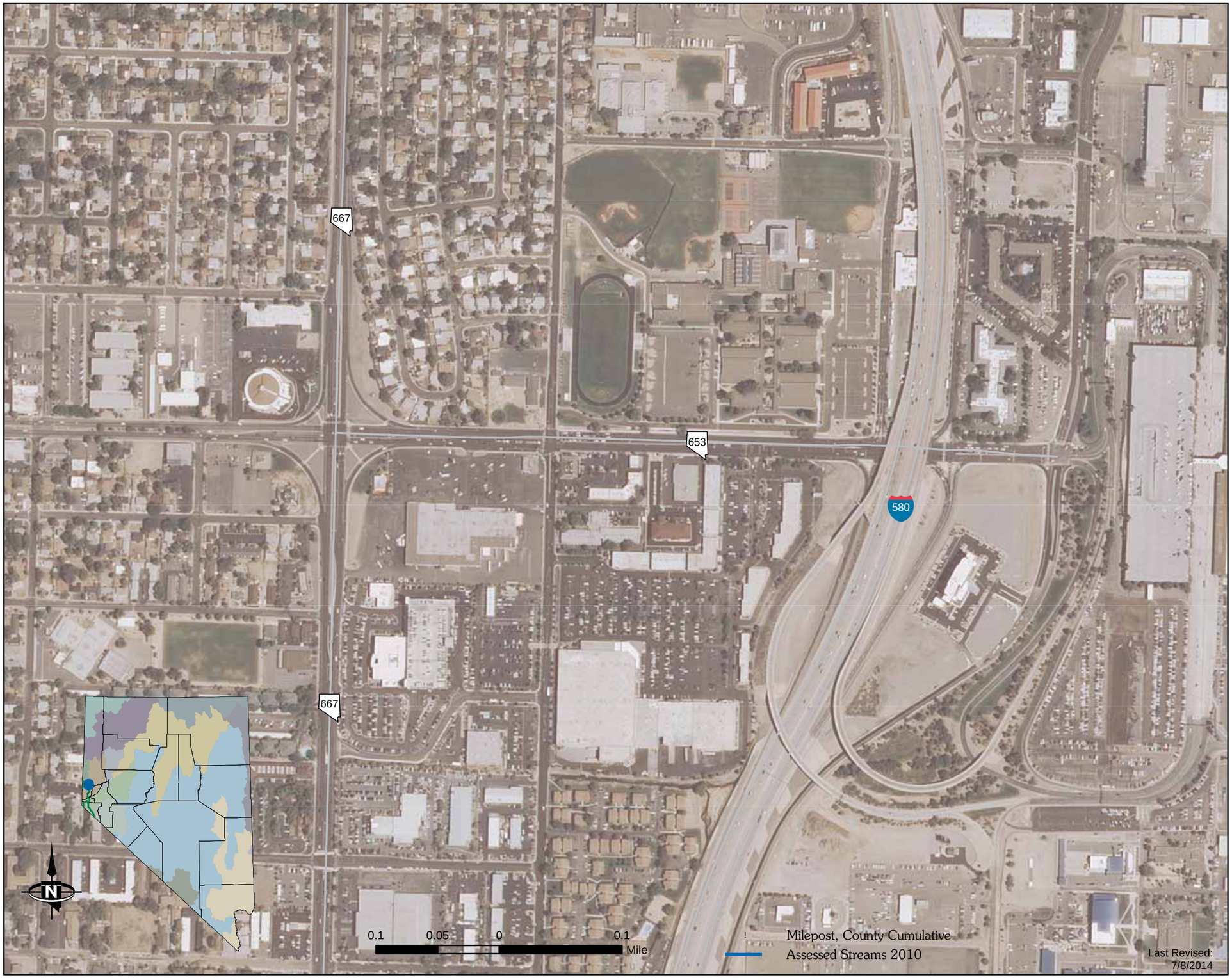
All Environmentally Reportable Facilities

SR 653 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**

No Reportable Facilities



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

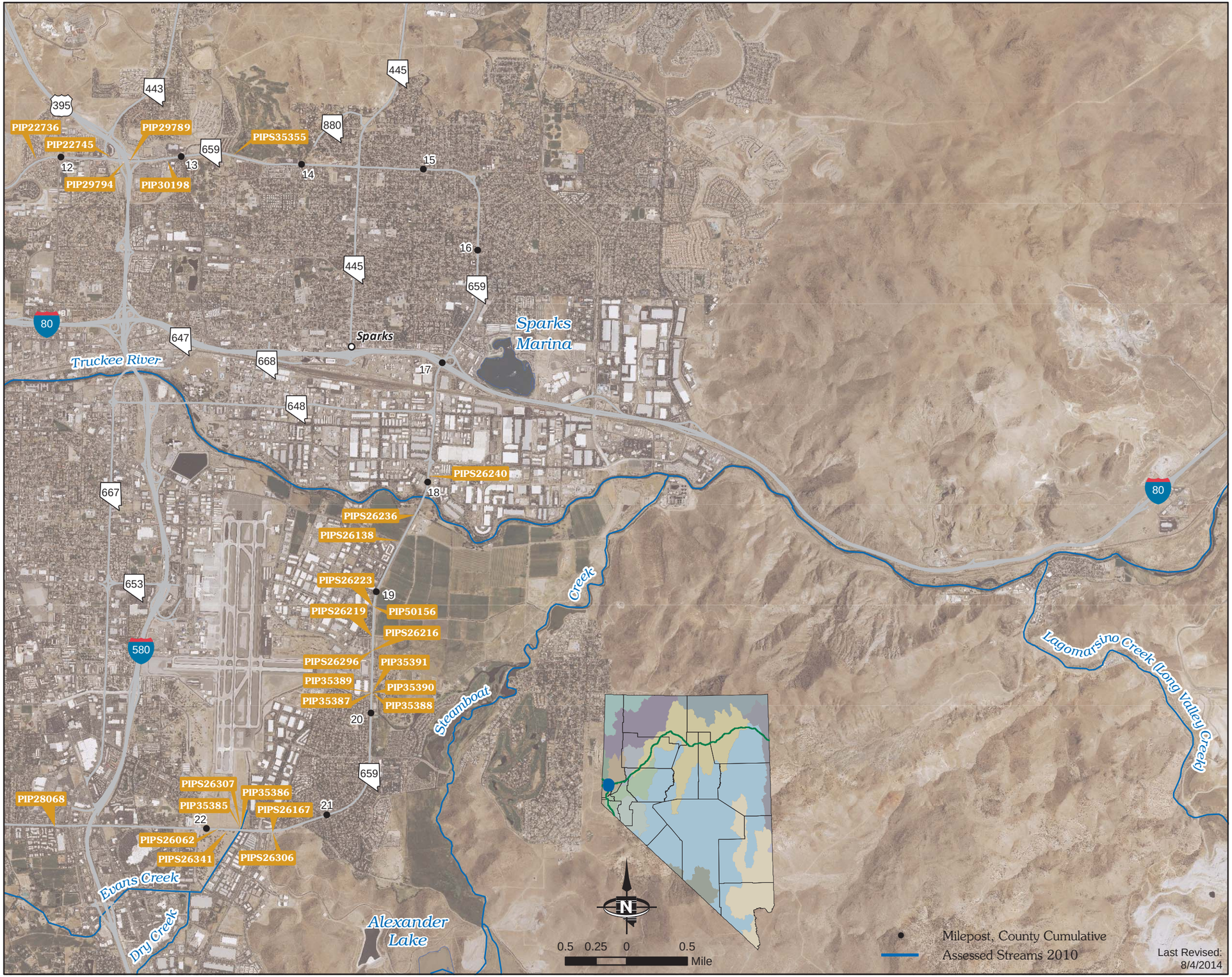
All Environmentally Reportable Facilities

SR 659 Corridor (East)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP22736	60			Circular
PIP22745	18			Circular
PIP28068		36	24	Arch
PIP29789	42			Circular
PIP29794	36			Circular
PIP30198		132	48	Box
PIPS26138	42			Circular
PIPS26167		38	60	Elliptical
PIPS26216	36			Circular
PIPS26219	36			Circular
PIPS26223		108	72	Box
PIPS26236	60			Circular
PIPS26240		108	36	Box
PIPS26296	36			Circular
PIPS26306	36			Circular
PIPS26307		168	72	Box
PIPS26341	36			Circular
PIP35385		168	72	Box
PIP35386		168	72	Box
PIP35387				Box
PIP35388				Box
PIP35389				Box
PIP35390				Box
PIP35391				Box
PIPS35355		120	48	Box
PIP50156		108	72	Box
PIPS26062	54			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

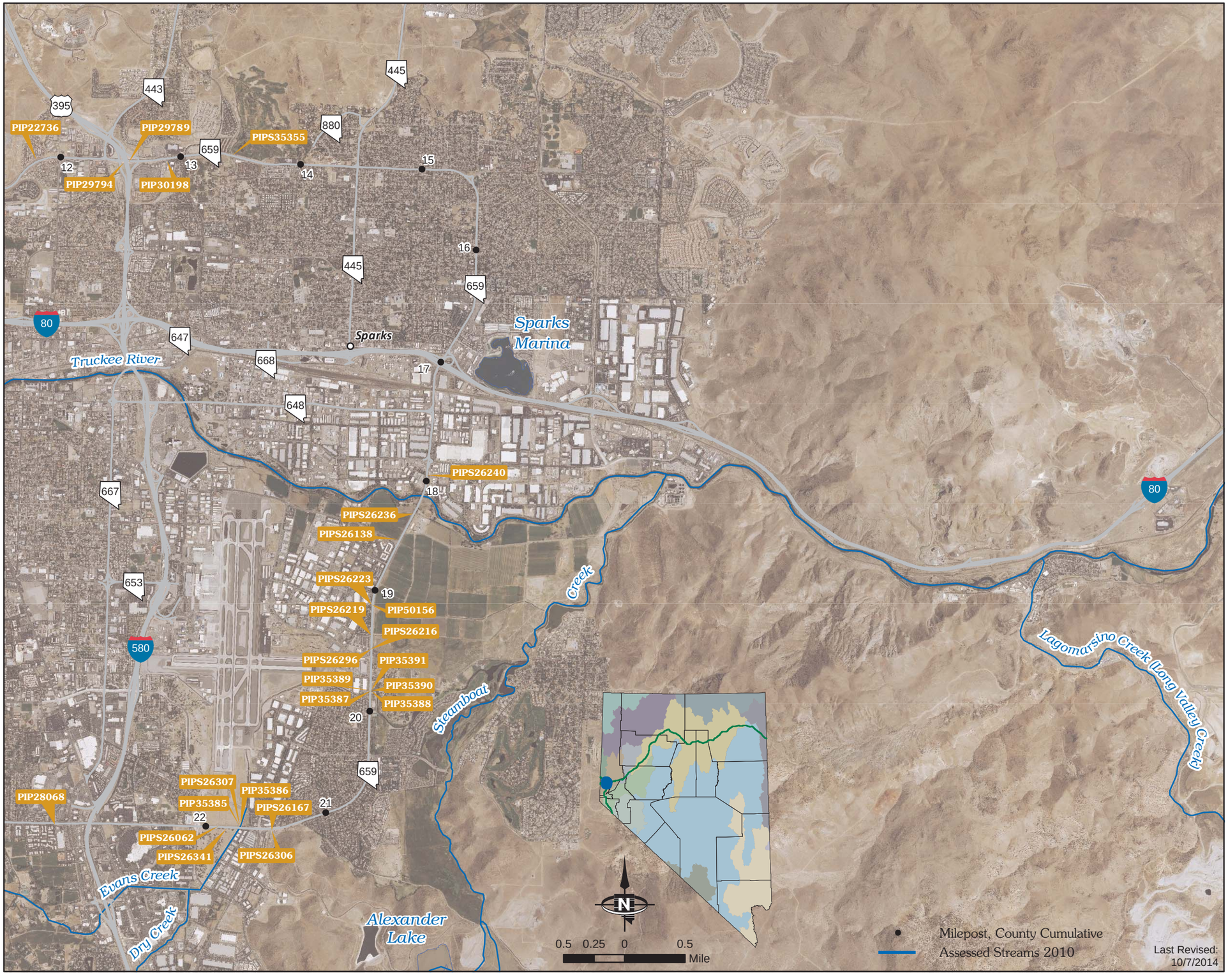
All Environmentally Reportable Facilities

SR 659 Corridor (East)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP22736	60			Circular
PIP28068		36	24	Arch
PIP29789	42			Circular
PIP29794	36			Circular
PIP30198		132	48	Box
PIPS26138	42			Circular
PIPS26167		38	60	Elliptical
PIPS26216	36			Circular
PIPS26219	36			Circular
PIPS26223		108	72	Box
PIPS26236	60			Circular
PIPS26240		108	36	Box
PIPS26296	36			Circular
PIPS26306	36			Circular
PIPS26307		168	72	Box
PIPS26341	36			Circular
PIP35385		168	72	Box
PIP35386		168	72	Box
PIP35387				Box
PIP35388				Box
PIP35389				Box
PIP35390				Box
PIP35391				Box
PIPS35355		120	48	Box
PIP50156		108	72	Box
PIPS26062	54			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 659 Corridor (West)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP22677	30			Circular
PIP22678	30			Circular
PIP22681	24			Circular
PIP22684	48			Circular
PIP22686		120	120	Box
PIP22689		72	36	Box
PIP22697	84			Circular
PIP22725	72			Circular
PIP22728	36			Circular
PIP22732	30			Circular
PIP22733	30			Circular
PIP27664	36			Circular
PIP27666		108	144	Box
PIP27667		108	144	Box
PIP27668		108	144	Box
PIP27674		144	120	Box
PIP27678		174	144	Box
PIP27679	36			Circular
PIP28065		96	48	Box
PIP28066		120	48	Box
PIP28518		144	60	Box
PIP28576	60			Circular
PIP28595	48			Circular
PIP28922	72			Circular
PIP36774		144	96	Box
PIP36789	36			Circular
PIP36802		120	66	Box
PIP36804	36			Circular
PIP36819		72	72	Box
PIP37337		72	48	Box
PIP37344	1	96	48	Box
PIP37374	1	60	120	Box
PIP37378	48			Circular
PIP37381	36			Circular
PIP37410	48			Circular
PIP37411	48			Circular

STATE OF NEVADA
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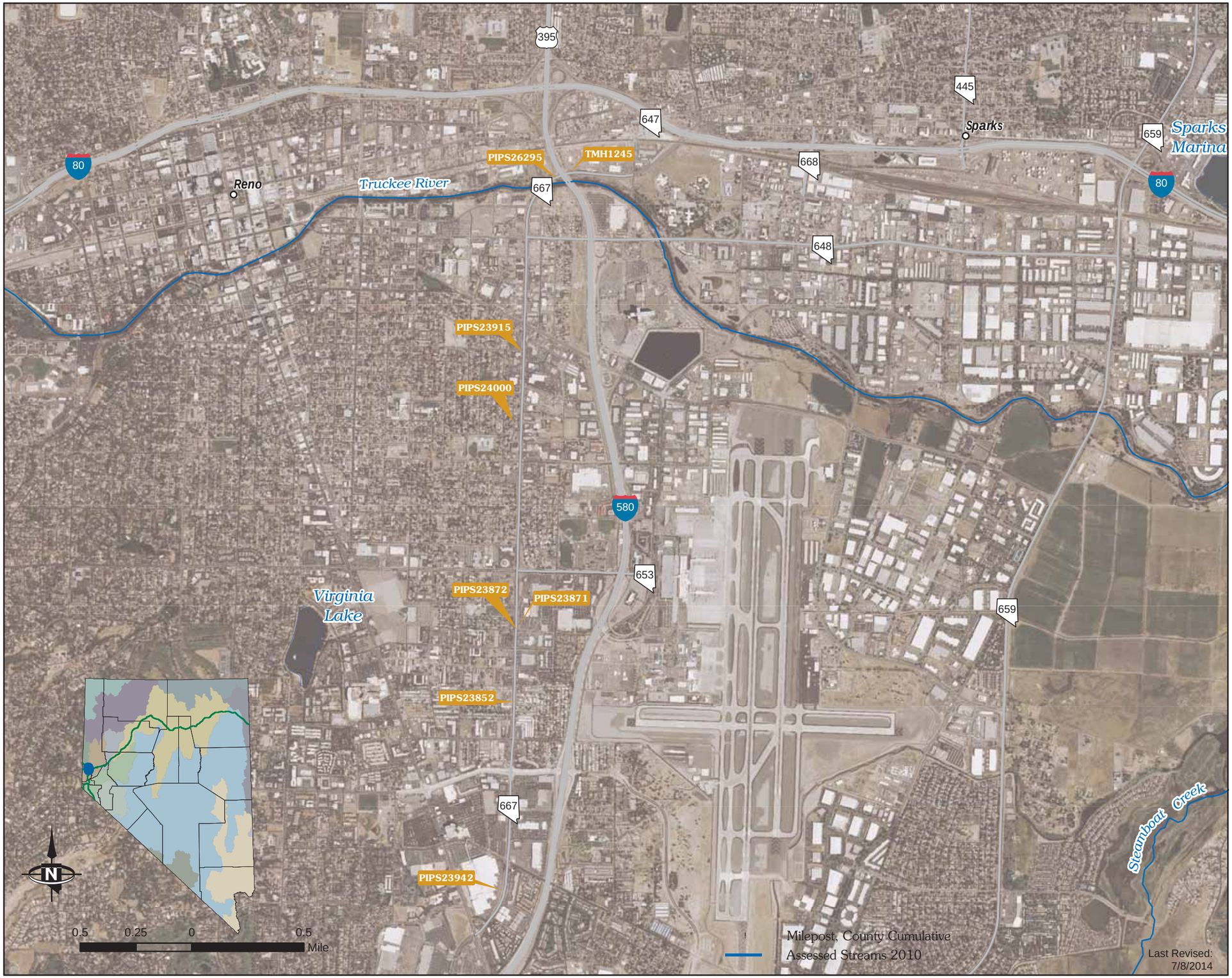
All Environmentally Reportable Facilities

SR 667 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
TMH1245	48	0	0	Circular
PIPS23852	8			Circular
PIPS23871	60			Circular
PIPS23872	40			Circular
PIPS23915	8			Circular
PIPS23942	30			Circular
PIPS24000	24			Circular
PIPS26295	64			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 671 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP19816	36			Circular
PIP19817	36			Circular
PIP19818	36			Circular
PIP19819	36			Circular
PIP19820	36			Circular
PIP19822		96	36	Box
PIP27275		72	48	Box
PIP27282		120	84	Box
PIP27298	36			Circular
PIP27305				Box
PIP27306		72	72	Box
PIP27310		84	72	Box
PIP27313		120	60	Box
PIP27314		24	18	Arch
PIP27326				
PIP27337		72	30	Box
PIP27345	36			Circular

STATE OF NEVADA
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All Environmentally Reportable Facilities

SR 715 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIF28779		96	24	Box
PIF28781		96	24	Box
PIF28792		42	29	Arch
PIF28793	48			Circular
PIF28794		60	48	Box

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All Environmentally Reportable Facilities

SR 718 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
RSL110		50	31	Arch
PIP24370		5	4	Box
PIP24372		72	36	Box
PIP24375	36			Circular
PIP40755		60	36	Box
PIP40756		60	48	Box
PIP40757		60	48	Box
PIP40758		42	26	Arch
PIP41878		60	54	Box
LTR1		120	96	Box
LTR2		120	96	Box

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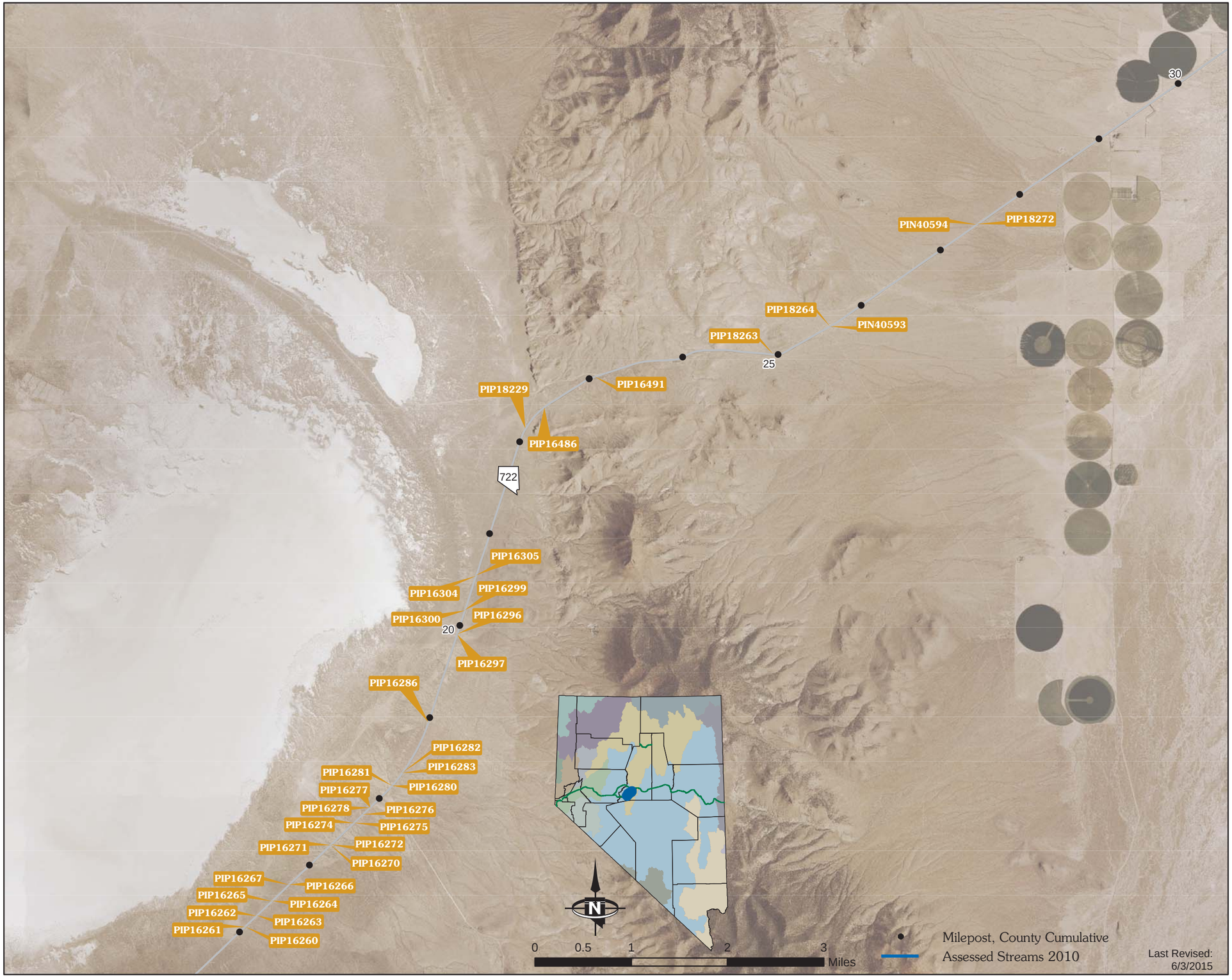
All Environmentally Reportable Facilities

SR 722 Corridor (MP LA 16 to MP LA 30)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP16260	24			Circular
PIP16261	24			Circular
PIP16262	24			Circular
PIP16263	24			Circular
PIP16264	24			Circular
PIP16265	24			Circular
PIP16266	24			Circular
PIP16267	24			Circular
PIP16270	36			Circular
PIP16271	36			Circular
PIP16272	36			Circular
PIP16274	24			Circular
PIP16275	24			Circular
PIP16276	36			Circular
PIP16277	24			Circular
PIP16278	24			Circular
PIP16280	24			Circular
PIP16281	24			Circular
PIP16282	24			Circular
PIP16283	24			Circular
PIP16286		120	72	Box
PIP16296	24			Circular
PIP16297	24			Circular
PIP16299	24			Circular
PIP16300	24			Circular
PIP16304	24			Circular
PIP16305	24			Circular
PIP16486	36			Circular
PIP16491	36			Circular
PIP18229	36			Circular
PIP18263	48			Circular
PIP18264	48			Circular
PIP18272	18			Circular
PIN40593	48			Circular
PIN40594	18			Circular



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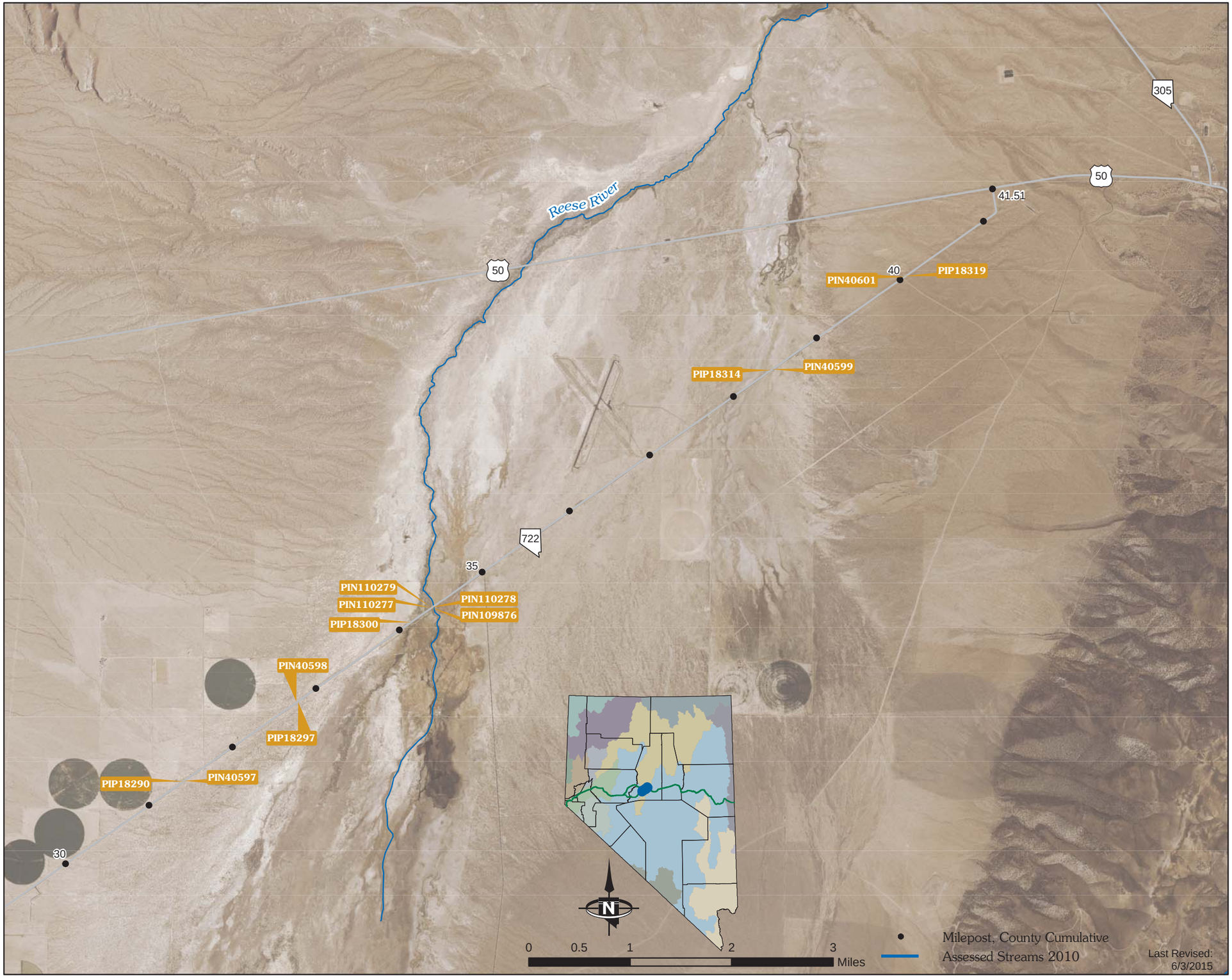
All Environmentally Reportable Facilities

SR 722 Corridor (MP LA 30 to US 50)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP18290	24			Circular
PIP18297	24			Circular
PIP18300	36			Circular
PIP18314	24			Circular
PIP18319	24			Circular
PIN40597	24			Circular
PIN40598	24			Circular
PIN40599	24			Circular
PIN40601	24			Circular
PIN109876		120	84	Box
PIN110277		120	84	Circular
PIN110278		120	84	Circular
PIN110279		120	84	Circular



STATE OF NEVADA
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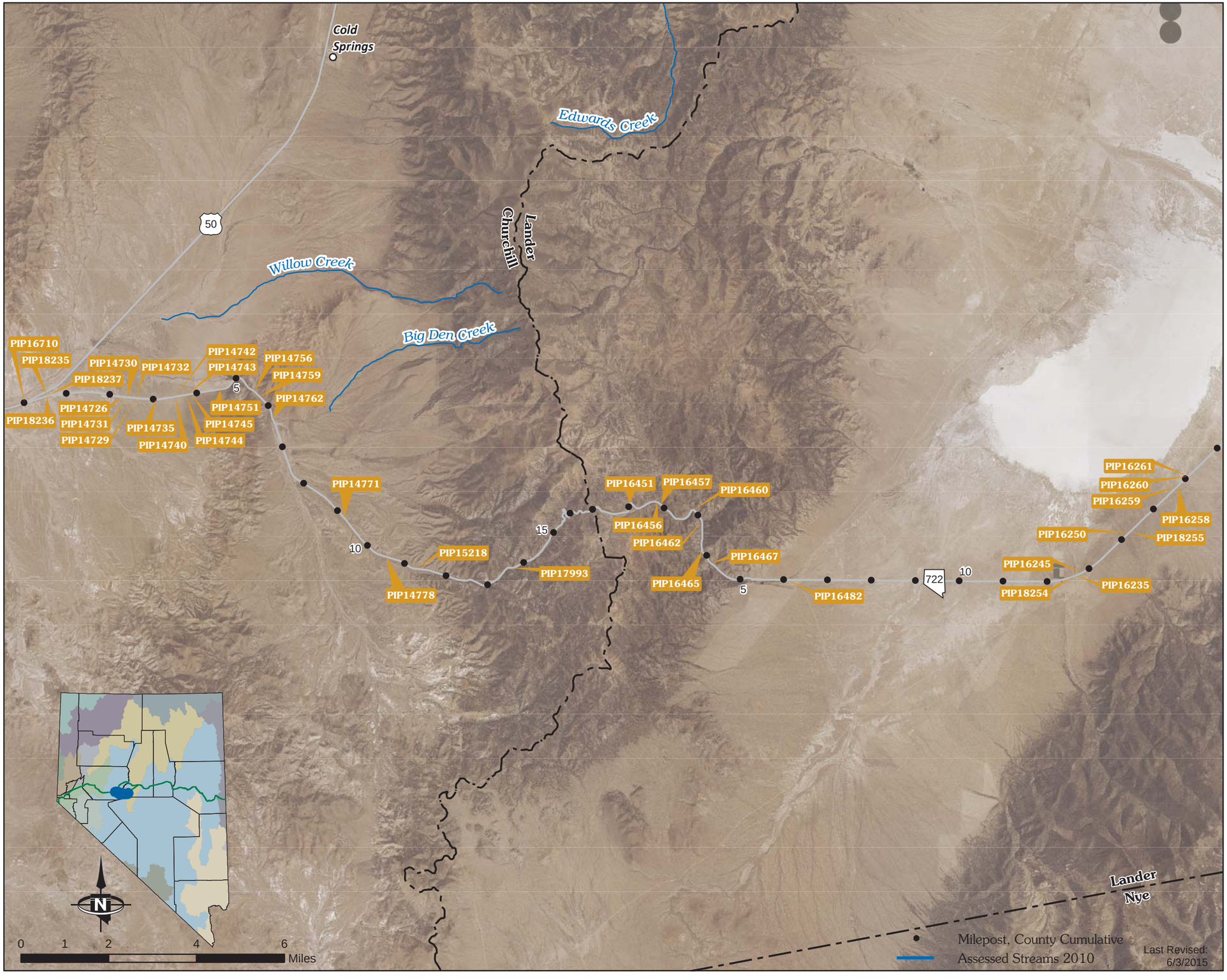
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 722 Corridor (US 50 to MP LA 16)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP14726	36			Circular
PIP14729	36			Circular
PIP14730	30			Circular
PIP14731	30			Circular
PIP14732	36			Circular
PIP14735	36			Circular
PIP14740	36			Circular
PIP14742	36			Circular
PIP14743	18			Circular
PIP14744	18			Circular
PIP14745	36			Circular
PIP14751	36			Circular
PIP14756	36			Circular
PIP14759	36			Circular
PIP14762		48	48	Box
PIP14771	36			Circular
PIP14778	36			Circular
PIP15218		72	36	Box
PIP16235	24			Circular
PIP16245	36			Circular
PIP16250	24			Circular
PIP16258	24			Circular
PIP16259	24			Circular
PIP16260	24			Circular
PIP16261	24			Circular
PIP16451		72	48	Box
PIP16456		48	48	Box
PIP16457		84	84	Box
PIP16460		96	72	Box
PIP16462		84	84	Box
PIP16465		96	84	Box
PIP16467		120	120	Box
PIP16482		96	84	Box
PIP16710		48	29	Arch
PIP17993		48	48	Box
PIP18235	24			Circular
PIP18236	24			Circular
PIP18237	24			Circular
PIP18254	24			Circular
PIP18255	24			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 723 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIF28669		60	36	Box
PIF28670		60	36	Box
PIF28672		144	60	Box
PIF28674		48	36	Box
PIF28675		60	36	Box
PIF28676		48	36	Box
PIF28677		72	36	Box
PIF28678		72	44	Box
PIF28679		72	44	Box
PIF28680		48	24	Box
PIF28681		72	60	Box

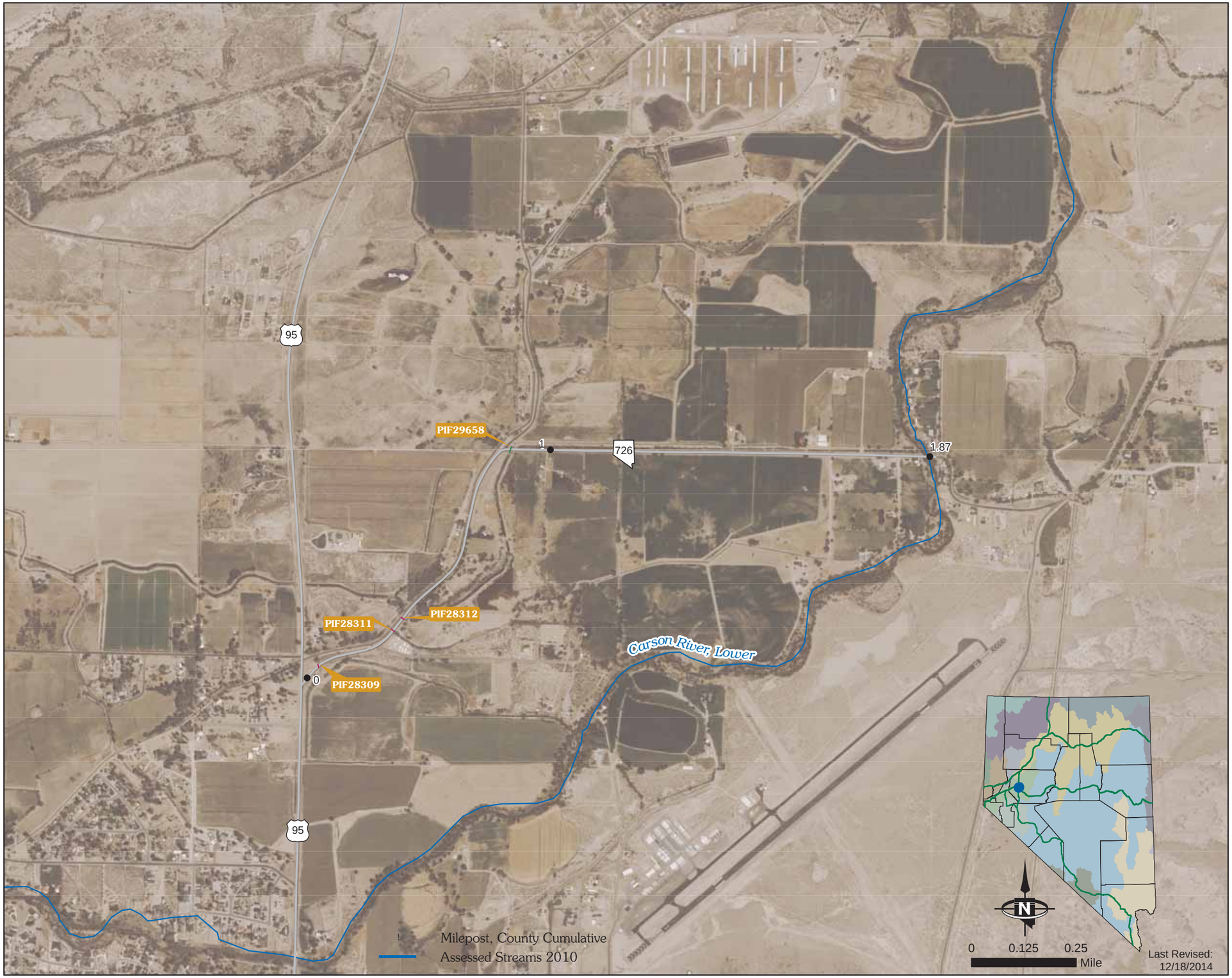
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 726 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIF28309		48	36	Box
PIF28311		60	36	Box
PIF28312		36	24	Box
PIF29658		43	27	Arch



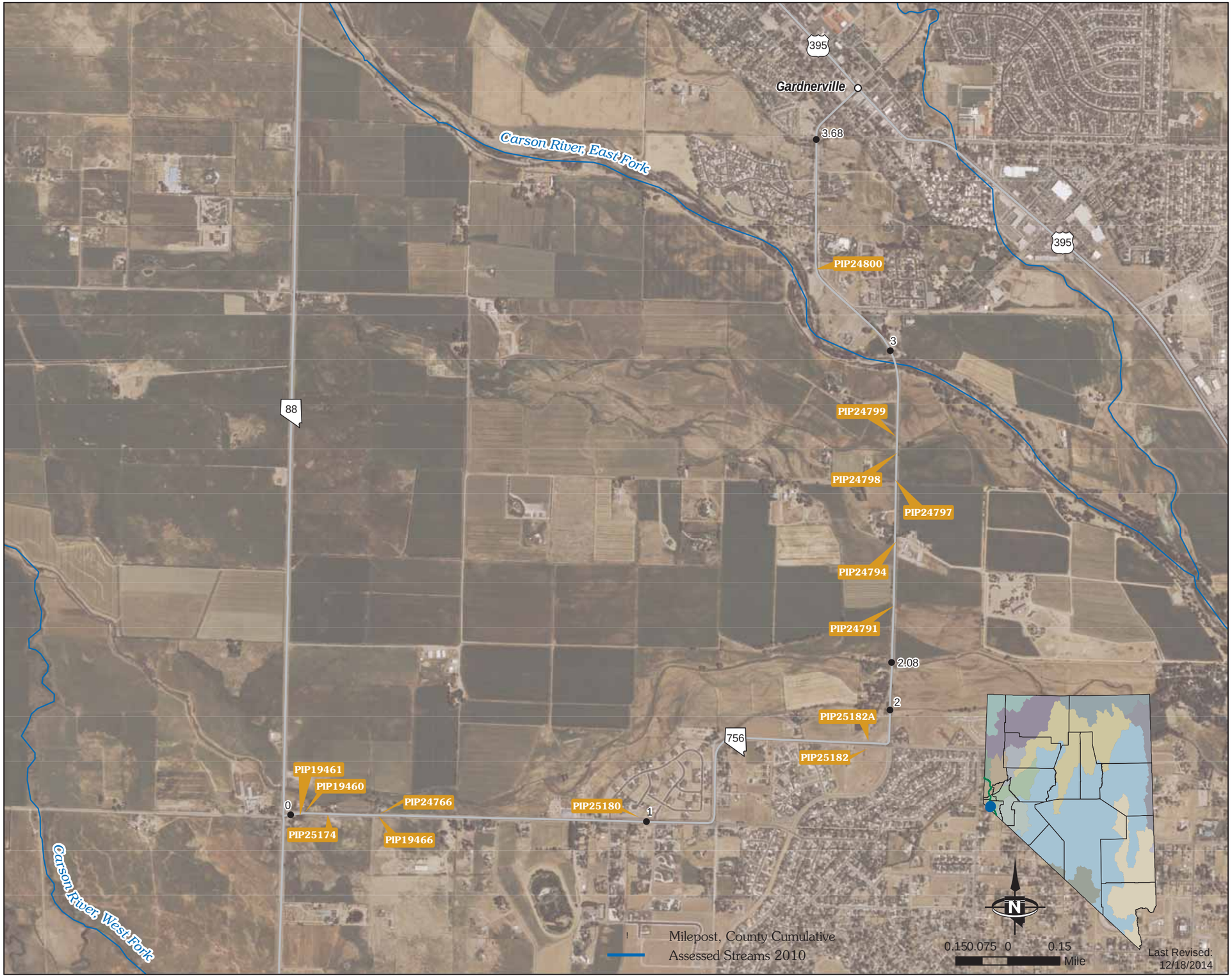
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 756 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP19460		36	24	Box
PIP19461				Other (see notes)
PIP19466		36	24	Box
PIP24766		36	24	Box
PIP24791		36	24	Box
PIP24794		36	24	Box
PIP24797		48	24	Box
PIP24798		48	24	Box
PIP24799		42	24	Box
PIP24800		24	24	Box
PIP25174		24	18	Box
PIP25180		36	24	Box
PIP25182	36			Circular
PIP25182A	36			Circular



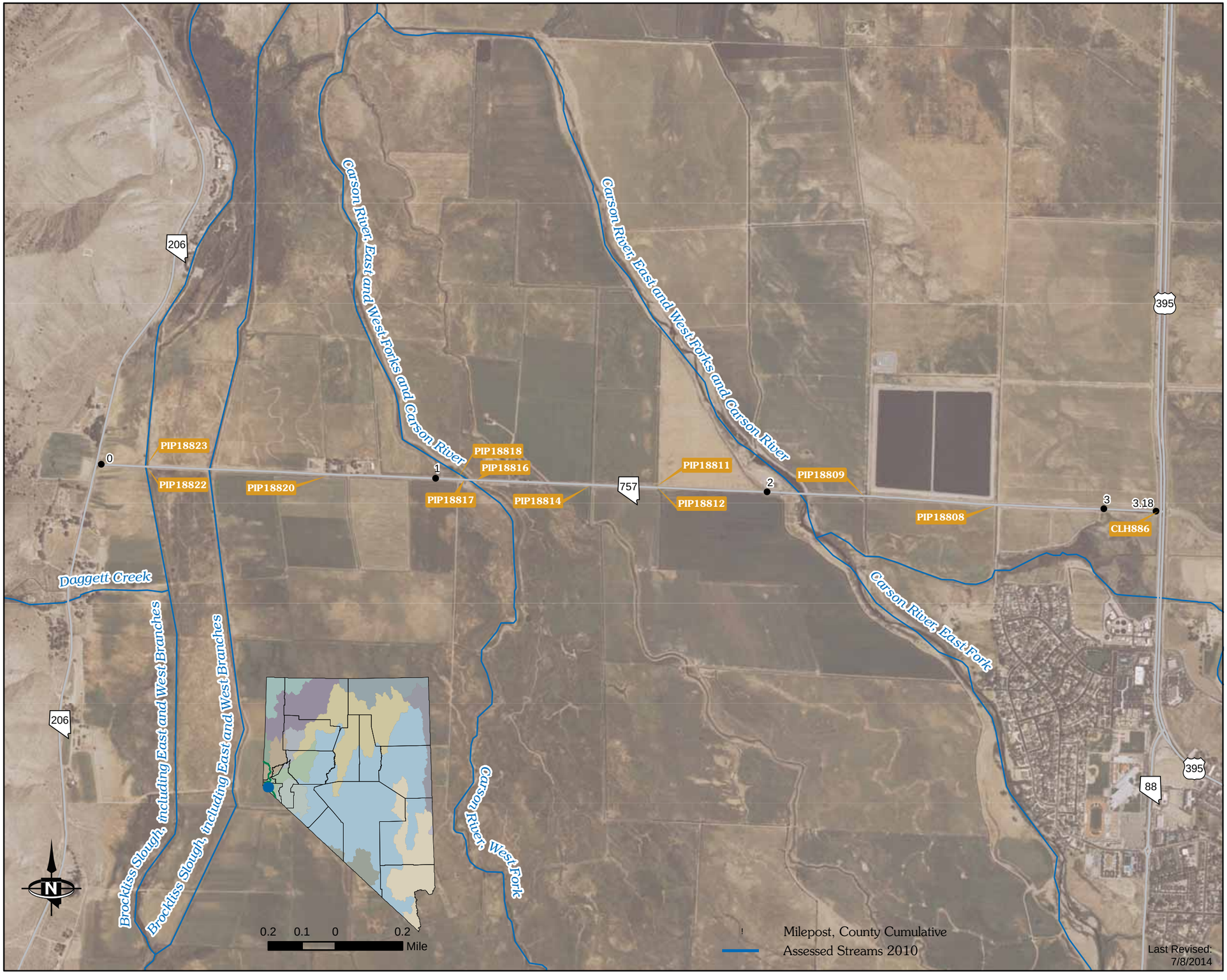
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 757 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
CLH886		48	36	Box
PIP18808		120	36	Box
PIP18809		120	36	Box
PIP18811		96	48	Box
PIP18812		96	48	Box
PIP18814		60	36	Box
PIP18816		84	36	Box
PIP18817	48			Circular
PIP18818		66	42	Box
PIP18820	36			Circular
PIP18822		96	72	Box
PIP18823		96	72	Box



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 759 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
CLH829	36			Circular
PIP19195				Other (see notes)

STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 706 Corridor (Within Lake Tahoe Watershed)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
DCCP1568	0	14	7	Elliptical
DCCP1569	0	14	7	Elliptical
DCCP1593	0	23	14	Elliptical
DCCP1593-2	0	23	14	Elliptical
DCCP1593-3	0	23	14	Elliptical
DCCP1593-4	0	23	14	Elliptical
DCCP1593-5	0	23	14	Elliptical
DCCP1593-6	0	23	14	Elliptical
DCCP1593-7	0	23	14	Elliptical
DCCP1593-8	0	23	14	Elliptical
DCCP1593-9	0	23	14	Elliptical

STATE OF NEVADA
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All Environmentally Reportable Facilities

SR 706 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
DCCP1568	0	14	7	Elliptical
DCCP1569	0	14	7	Elliptical
DCCP1593	0	23	14	Elliptical
DCCP1593-2	0	23	14	Elliptical
DCCP1593-3	0	23	14	Elliptical
DCCP1593-4	0	23	14	Elliptical
DCCP1593-5	0	23	14	Elliptical
DCCP1593-6	0	23	14	Elliptical
DCCP1593-7	0	23	14	Elliptical
DCCP1593-8	0	23	14	Elliptical
DCCP1593-9	0	23	14	Elliptical

STATE OF NEVADA
HYDRAULIC
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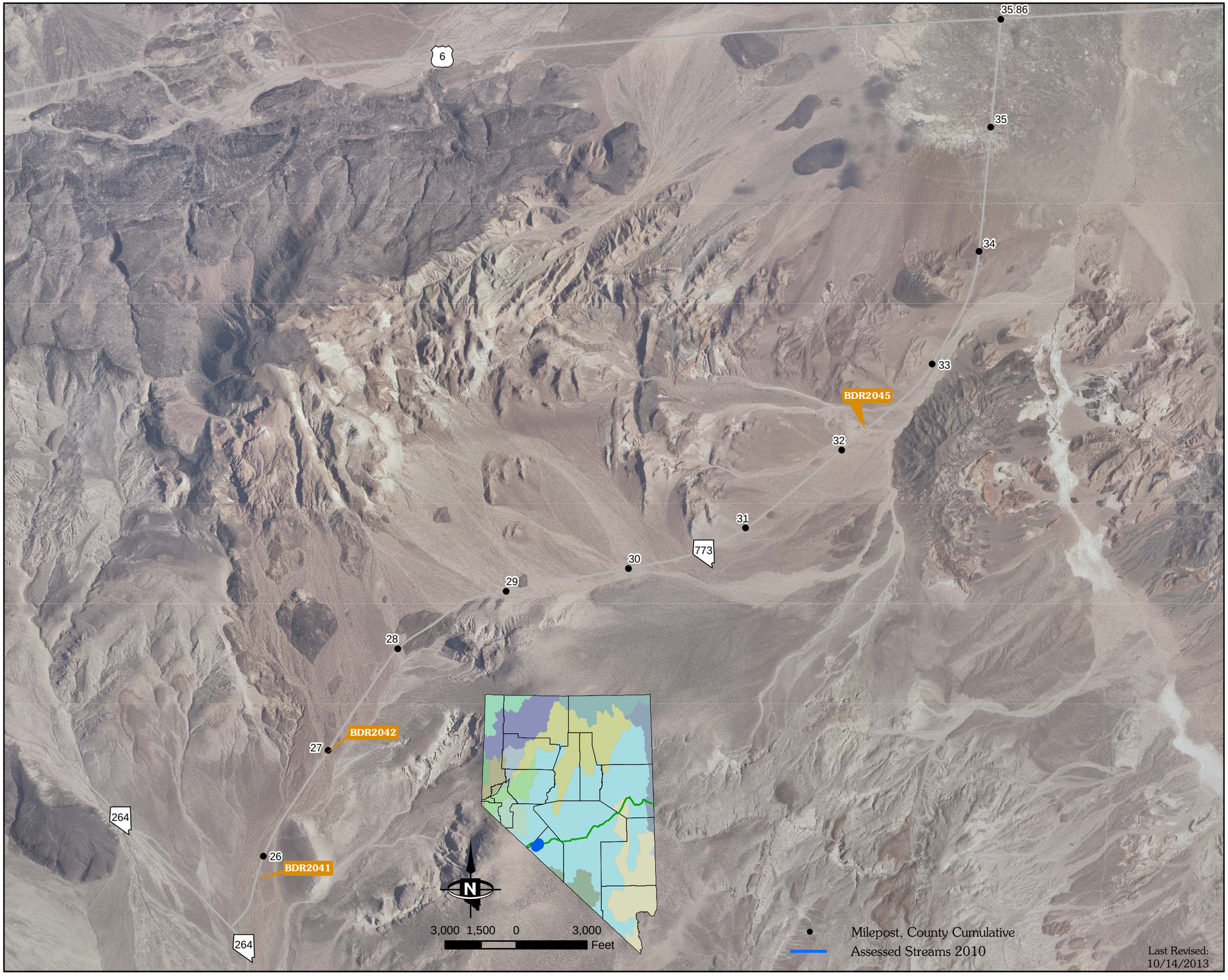
All Environmentally Reportable Facilities

SR 773 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR2041	48			Circular
BDR2042	48			Circular
BDR2045	48			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 774 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**

No Reportable Facilities

STATE OF NEVADA
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FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 789 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN25013	36			Circular
PIN25018		120	48	Box
PIN25020	36			Circular
PIN25023	36			Circular
PIN25024	36			Circular
PIN25027	36			Circular
PIN25032	36			Circular
PIN25035		96	48	Box
PIN25048	36			Circular
PIN25052		29	18	Arch
PIN25057	0	29	18	Arch
PIN25065	36			Circular
PIN25075	36			Circular
PIN25079		29	18	Arch
PIN25080	36			Circular
PIN25085		22	13	Arch
PIN25088		22	13	Arch
PIN25089		22	13	Arch
PIN25090		22	13	Arch
PIN25091		36	22	Arch
PIN25092		29	18	Arch
PIN25093		22	13	Arch
PIN25097		29	18	Arch
PIN28893		29	18	Arch
PIN28894		29	18	Arch
PIN28907		72	48	Box
PIN28910	36			Circular

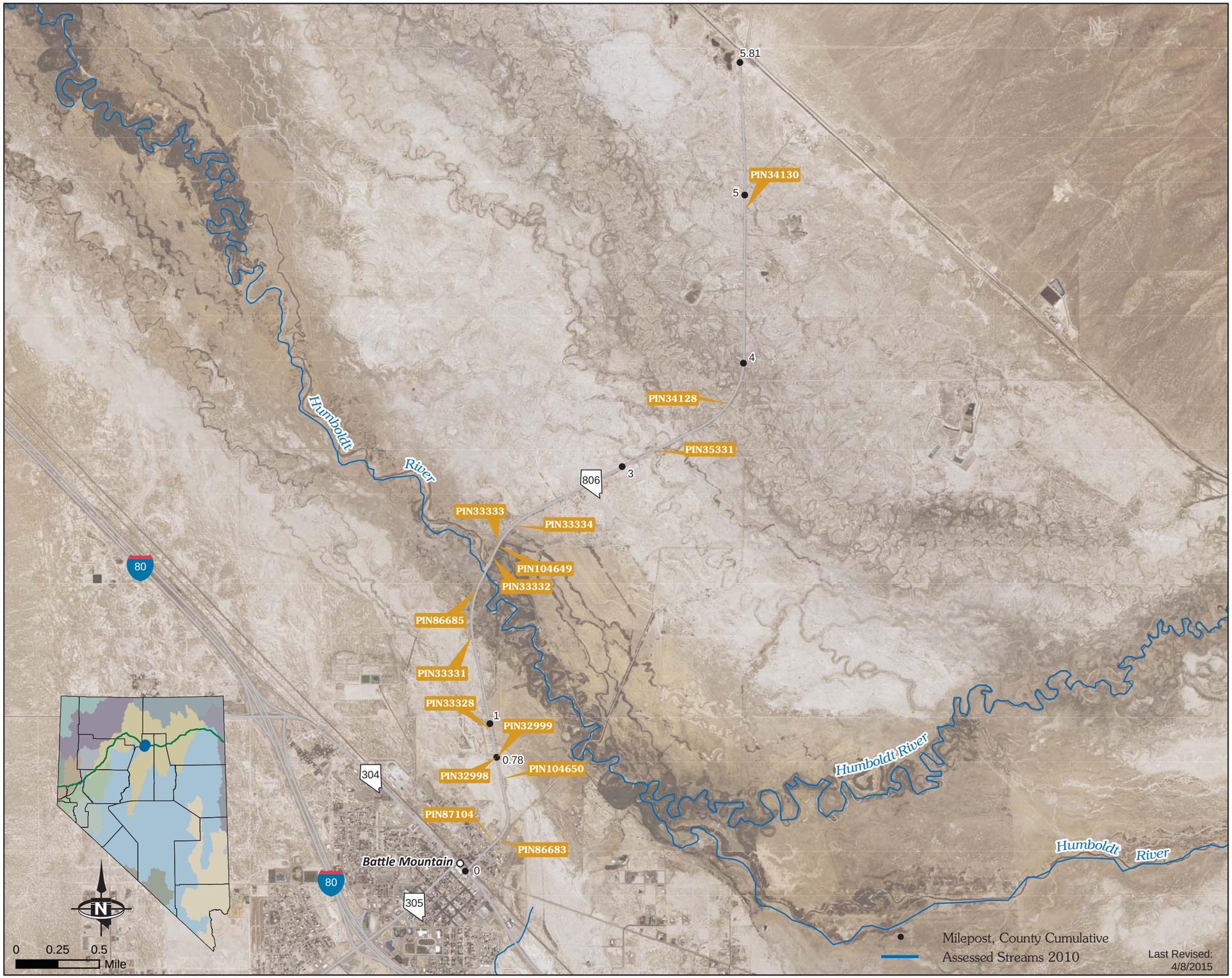
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 806 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN32998		144	60	Box
PIN32999		144	60	Box
PIN33328	48			Circular
PIN33331	36			Circular
PIN33332		120	96	Box
PIN33333	72			Circular
PIN33334	60			Circular
PIN34128	48			Circular
PIN34130	36			Circular
PIN35331		84	84	Box
PIN86683	48			Circular
PIN86685	36			Circular
PIN87104		60	38	Arch
PIN104649	72			Circular
PIN104650	36			Circular



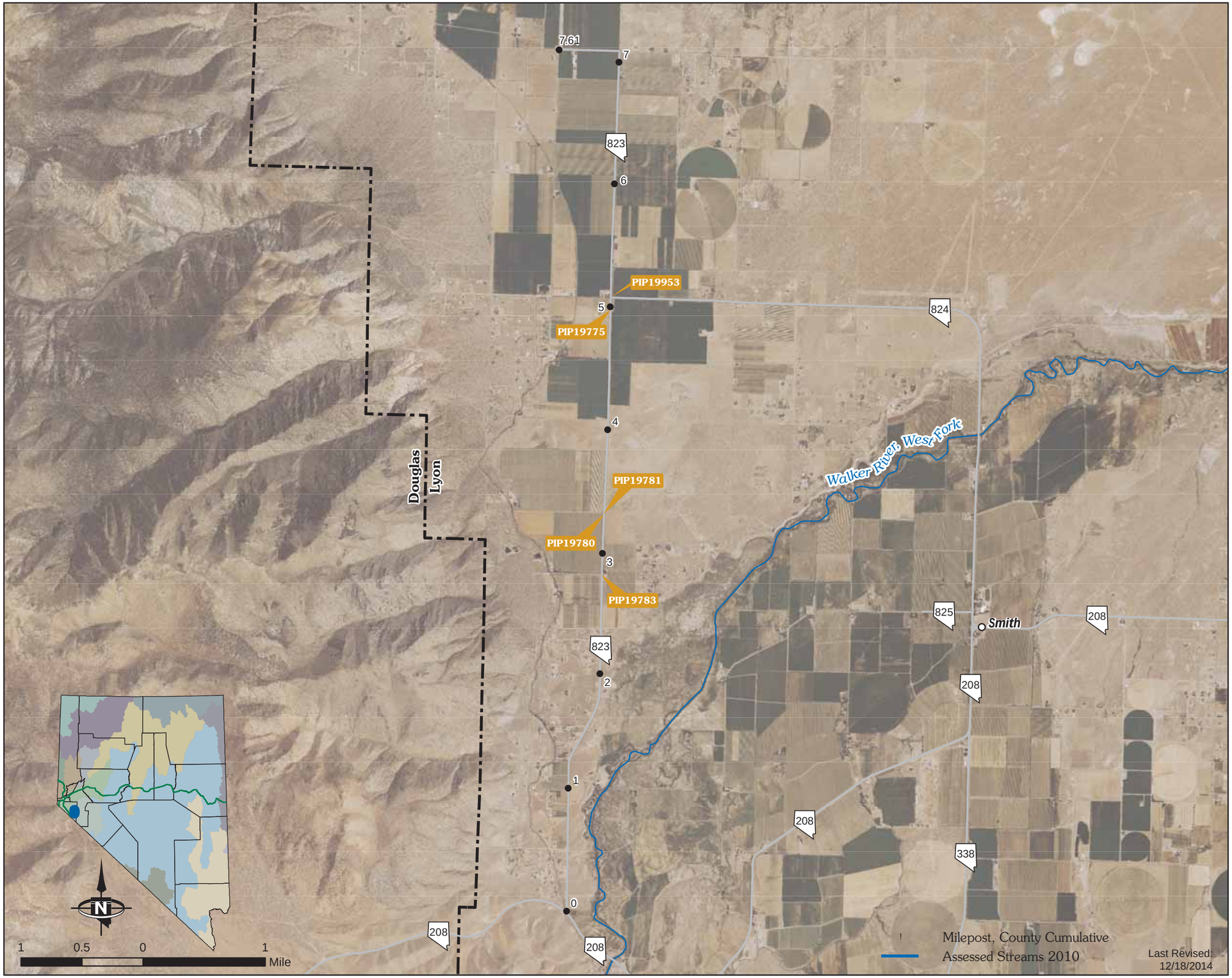
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 823 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP19775		96	48	Box
PIP19780		29	18	Arch
PIP19781		29	18	Arch
PIP19783		43	27	Arch
PIP19953		36	24	Arch



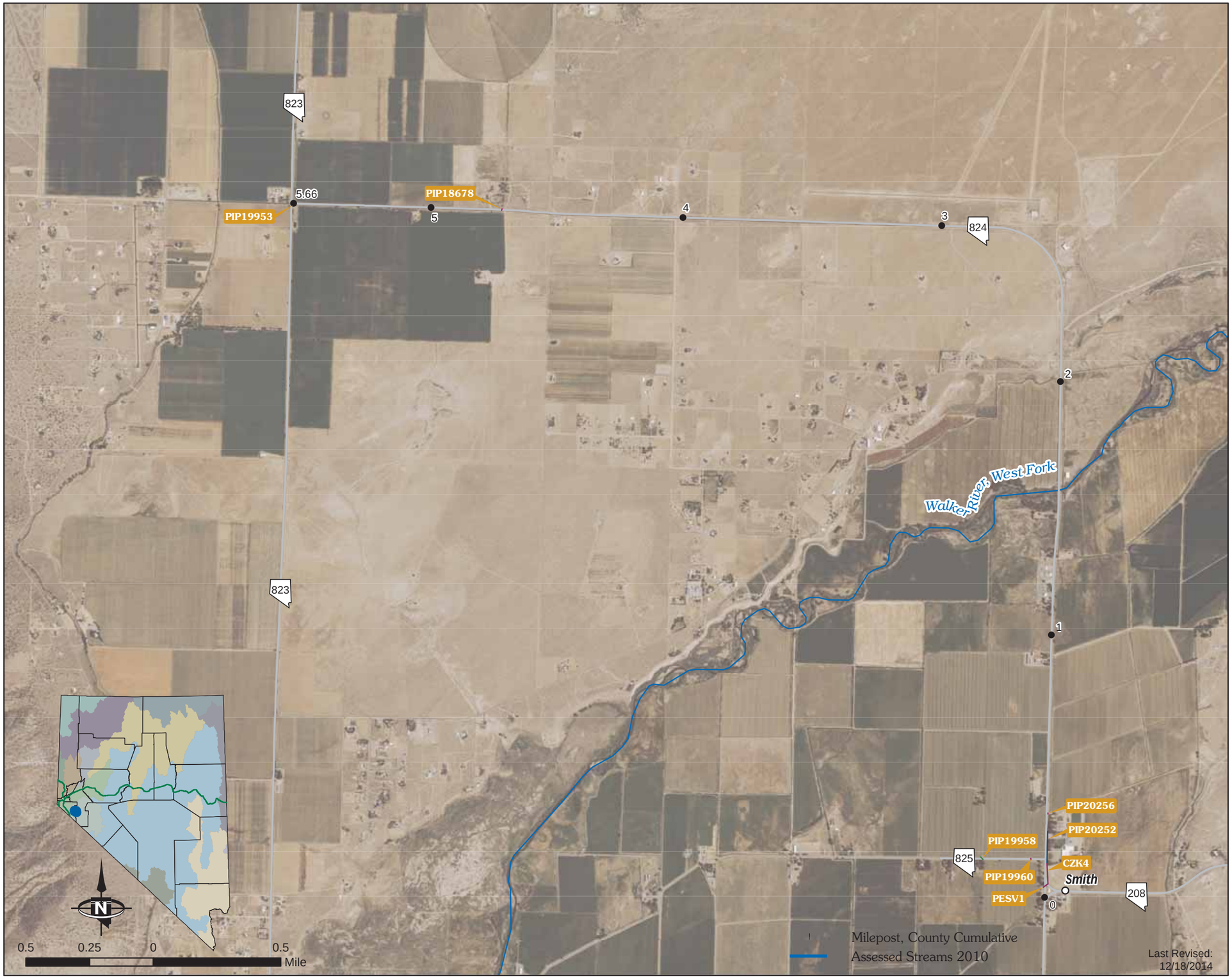
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 824 & SR 825 Corridors

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP18678		98	42	Box
PIP19953		36	24	Arch
PIP19958		29	18	Arch
PIP19960	3			Circular
PIP20252	48			Other (see notes)
PIP20256		72	48	Box
PESV1	36			Circular
CZK4	36			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

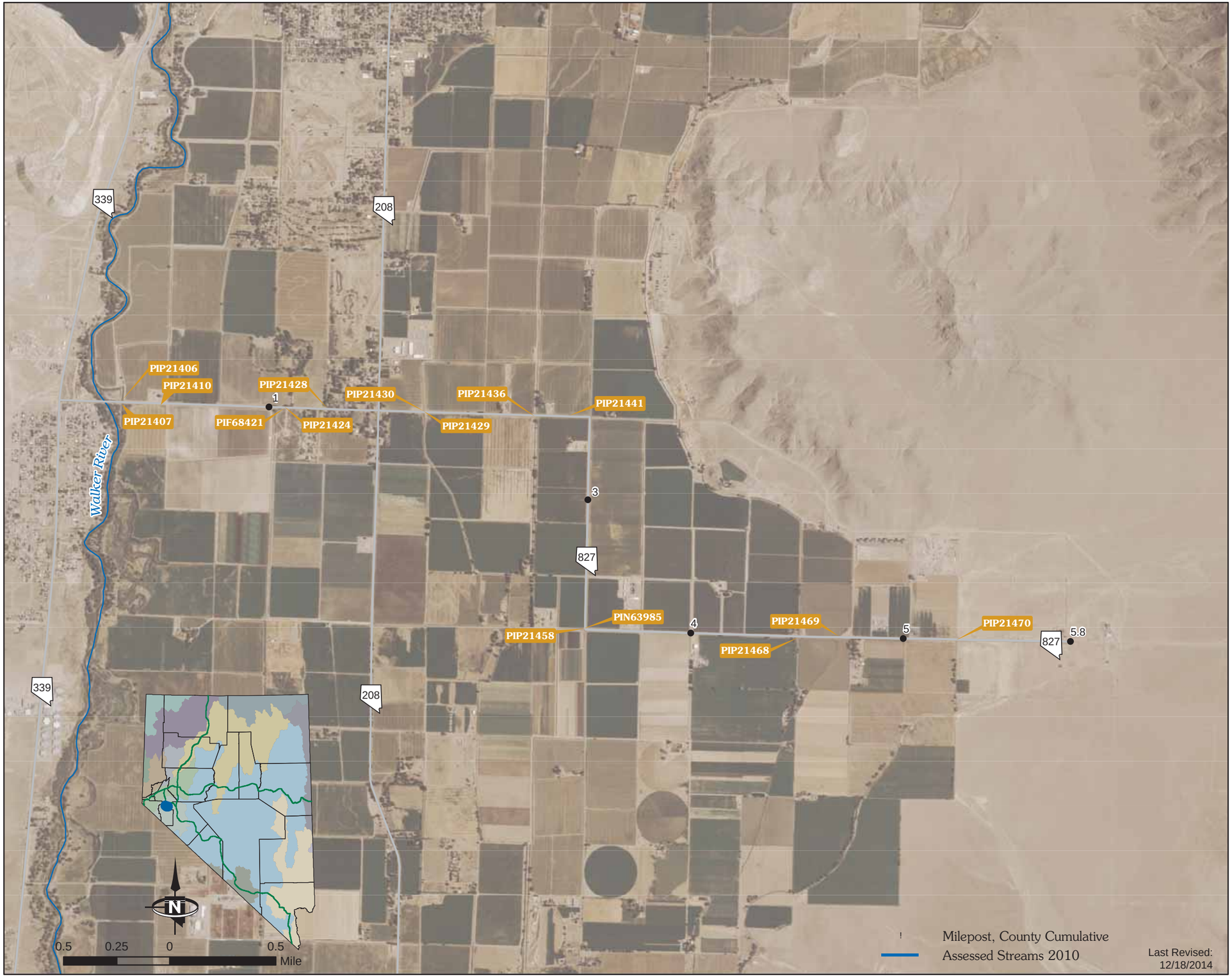
All Environmentally Reportable Facilities

SR 827 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP21406		96	36	Box
PIP21407		96	36	Box
PIP21410		43	27	Arch
PIP21424	30			Circular
PIP21428		32	27	Box
PIP21429		48	24	Box
PIP21430		48	24	Box
PIP21436	36			Circular
PIP21441	42			Circular
PIP21458		29	18	Arch
PIP21468		50	31	Arch
PIP21469		36	22	Arch
PIP21470		36	22	Arch
PIN63985				Circular
PIF68421	30			Circular



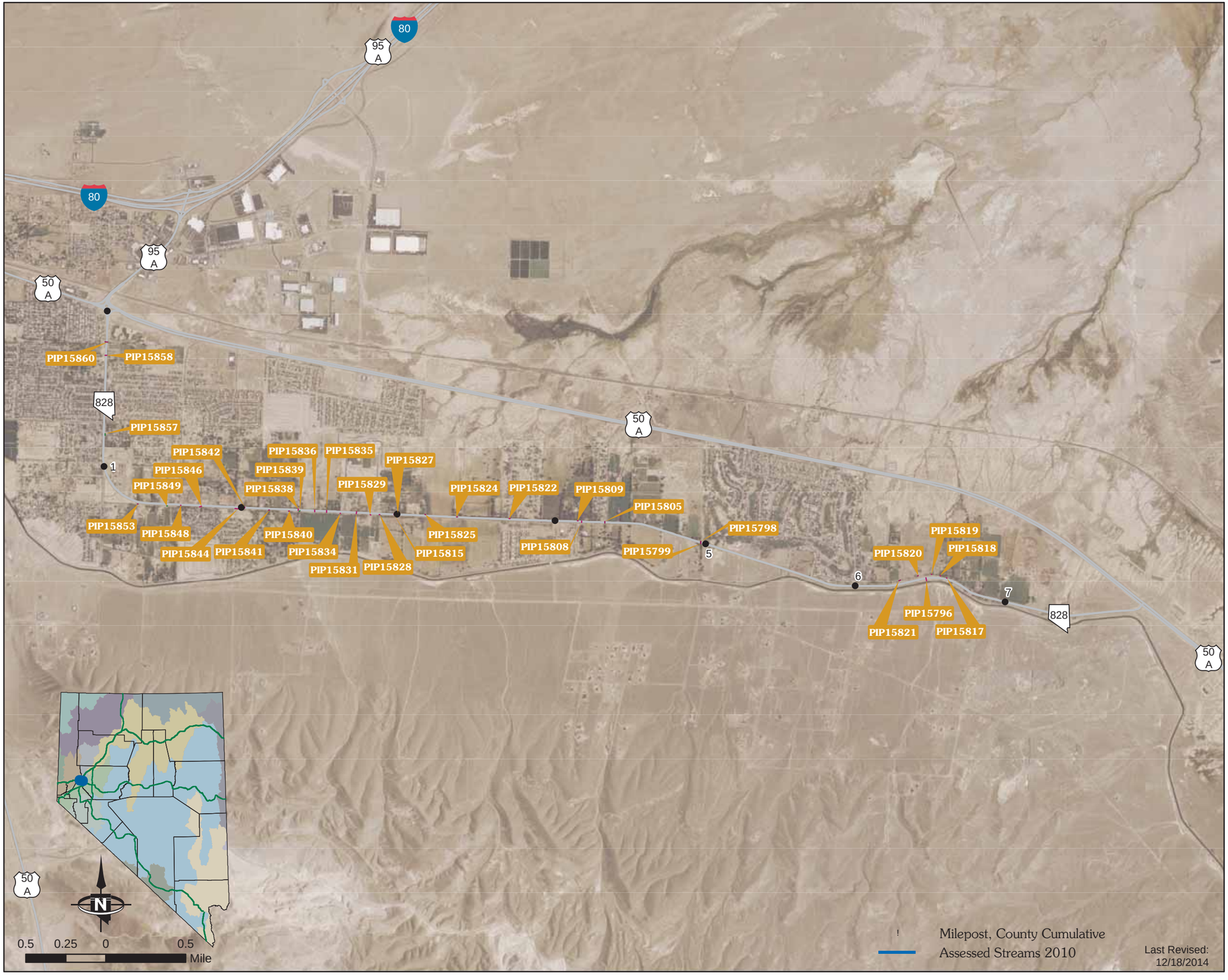
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 828 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP15796		60	30	Box
PIP15798	24			Circular
PIP15799	24			Circular
PIP15805	36			Circular
PIP15808		72	36	Box
PIP15809		72	36	Box
PIP15815		48	24	Box
PIP15817		36	36	Box
PIP15818		60	36	Box
PIP15819		60		Box
PIP15820	36			Circular
PIP15821	36			Circular
PIP15822		60	36	Box
PIP15824	36			Circular
PIP15825	36			Circular
PIP15827	36			Circular
PIP15828				Box
PIP15829		48	48	Box
PIP15831		48	24	Box
PIP15834		48	42	Box
PIP15835		48	24	Box
PIP15836		48	24	Box
PIP15838		48	36	Box
PIP15839		53	41	Arch
PIP15840	36			Circular
PIP15841	36			Circular
PIP15842		48	24	Box
PIP15844		48	36	Box
PIP15846		48	36	Box
PIP15848		48	36	Box
PIP15849		42	29	Arch
PIP15853	36			Circular
PIP15857		40	31	Arch
PIP15858		48	36	Box
PIP15860	36			Circular



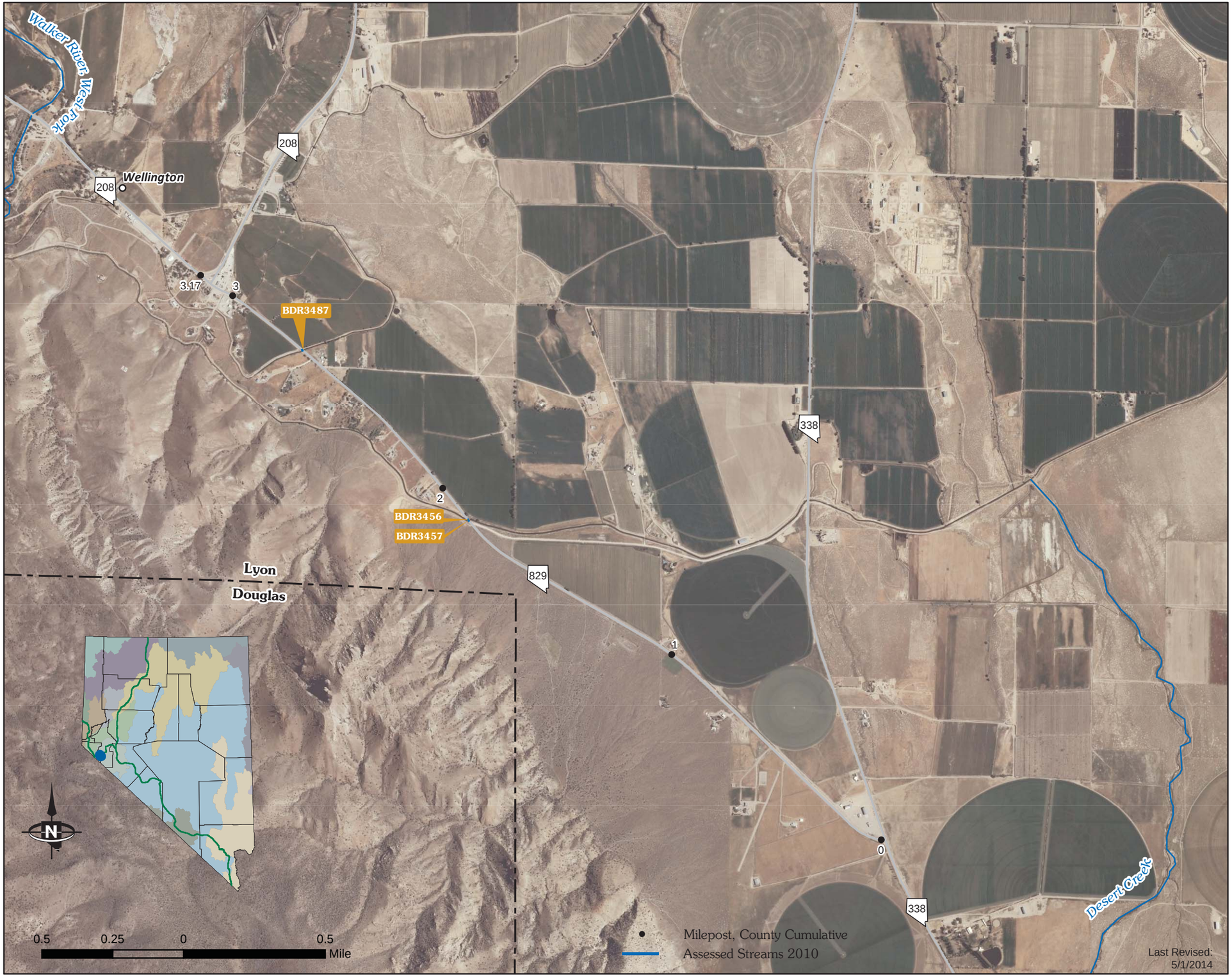
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 829 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR3456		144	60	Box
BDR3457		144	60	Box
BDR3487		144	48	Box



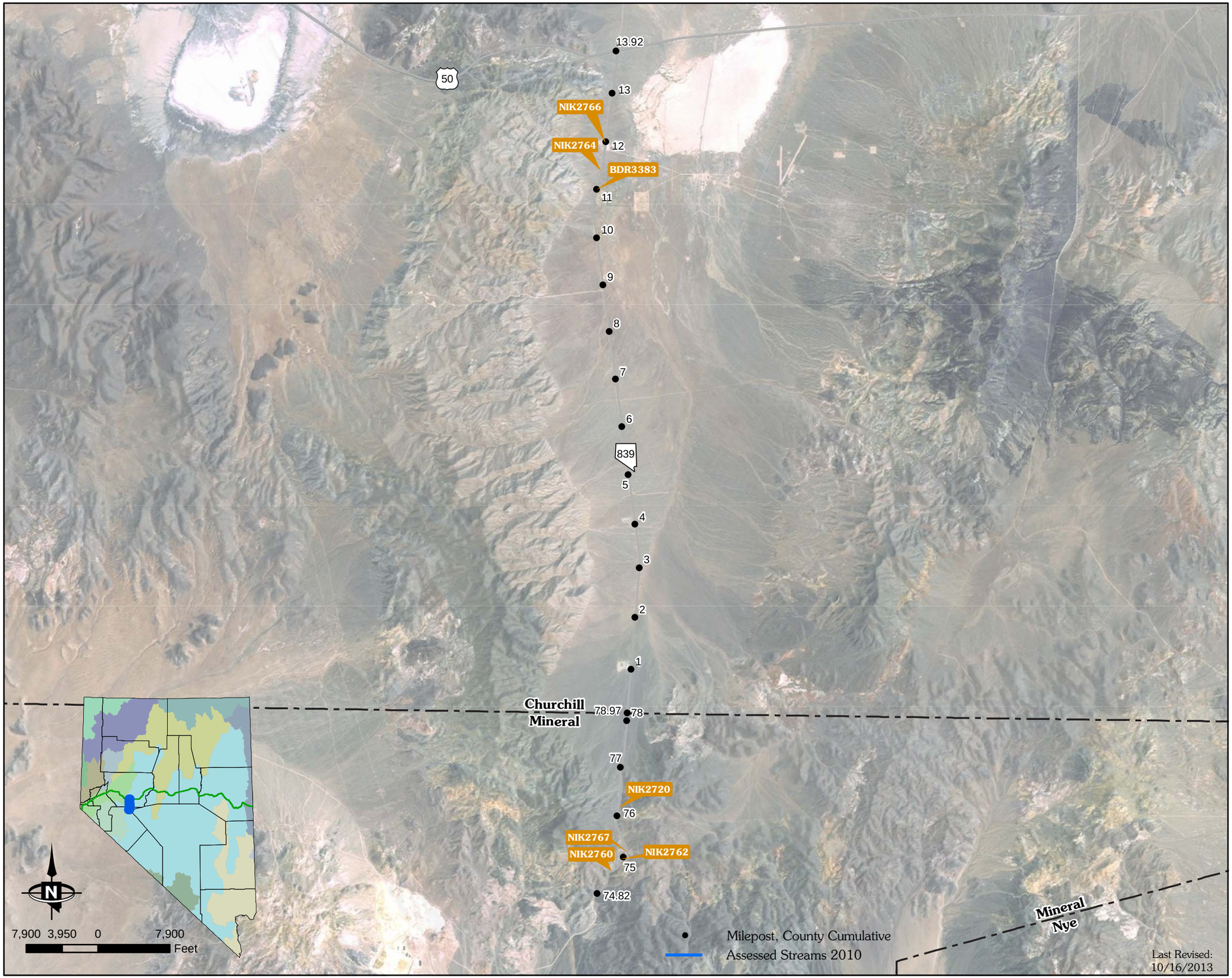
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 839 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK2720	36			Circular
NIK2767	36			Circular
NIK2762		58	36	Arch
NIK2760		58	36	Arch
BDR3383		29	18	Arch
NIK2766	36			Circular
NIK2764	36			Circular



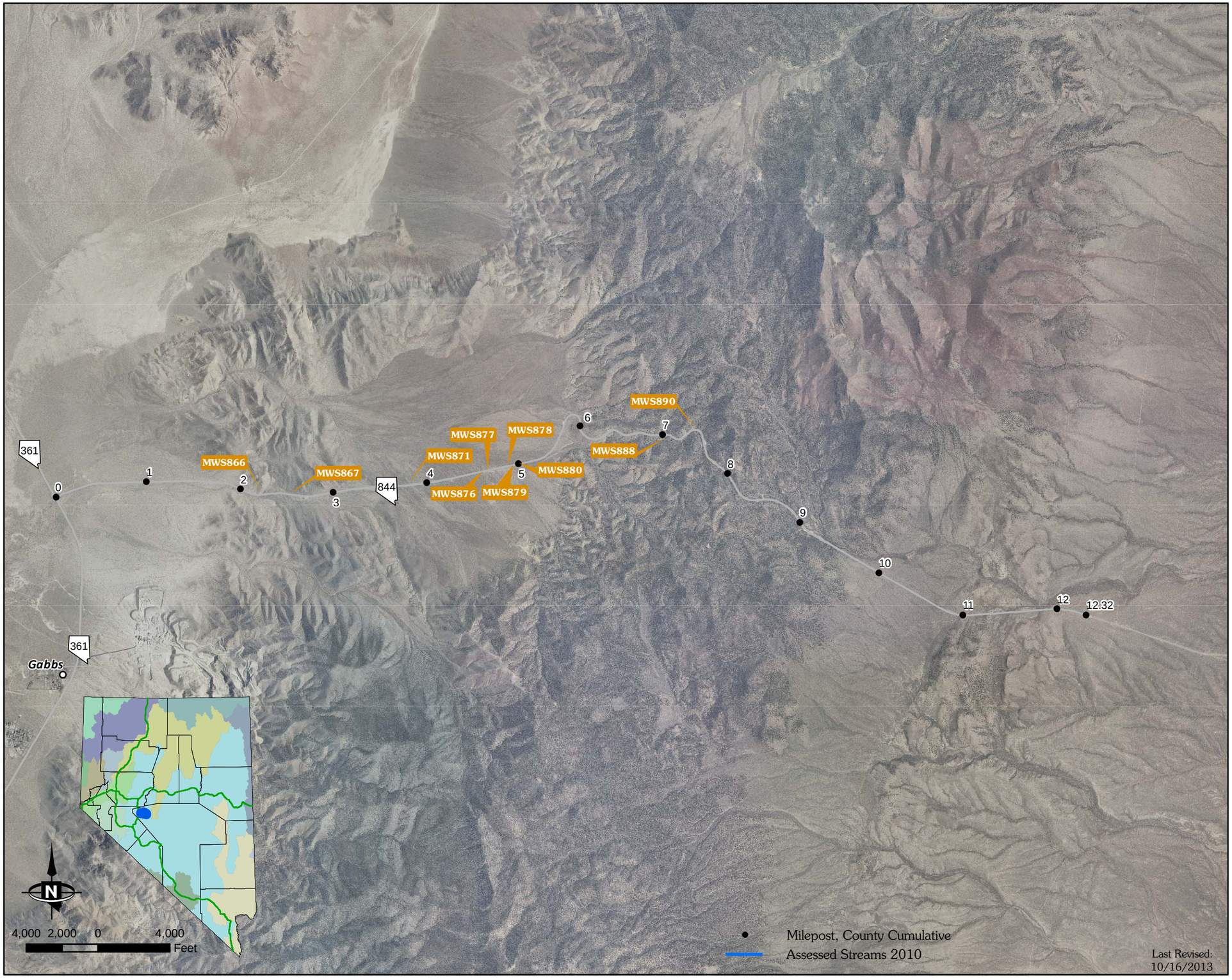
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 844 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MWS866	60			Circular
MWS867	60			Circular
MWS871	48			Circular
MWS876	48			Circular
MWS877	36			Circular
MWS878	36			Circular
MWS879	36			Circular
MWS880		84	61	Arch
MWS888	48			Circular
MWS890	36			Circular



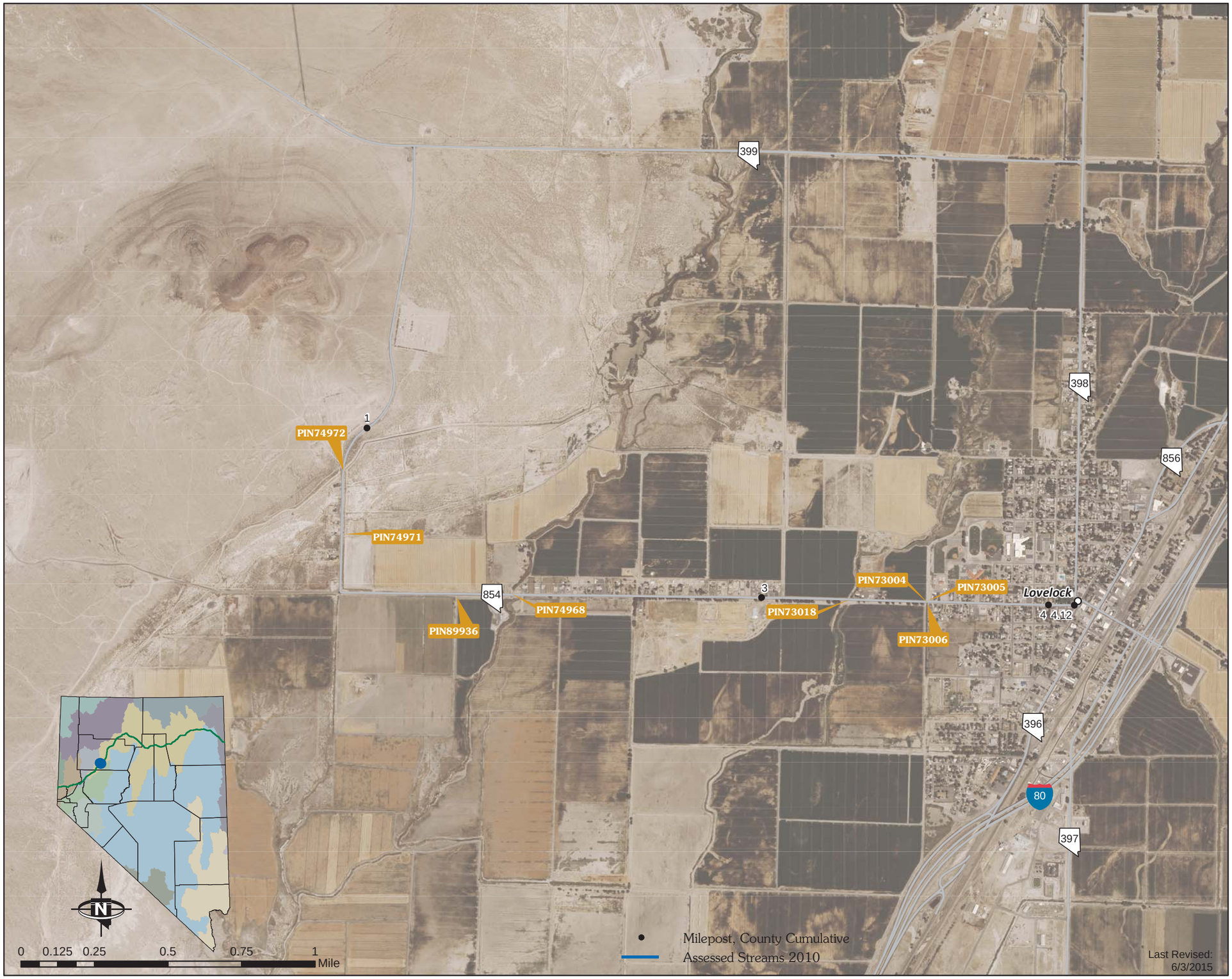
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 854 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN73004		60	36	Box
PIN73005		60	36	Box
PIN73006		108	36	Box
PIN73018	36			Circular
PIN74968	60			Circular
PIN74971	36			Circular
PIN74972		48	48	Box
PIN89936	36			Other (see notes)



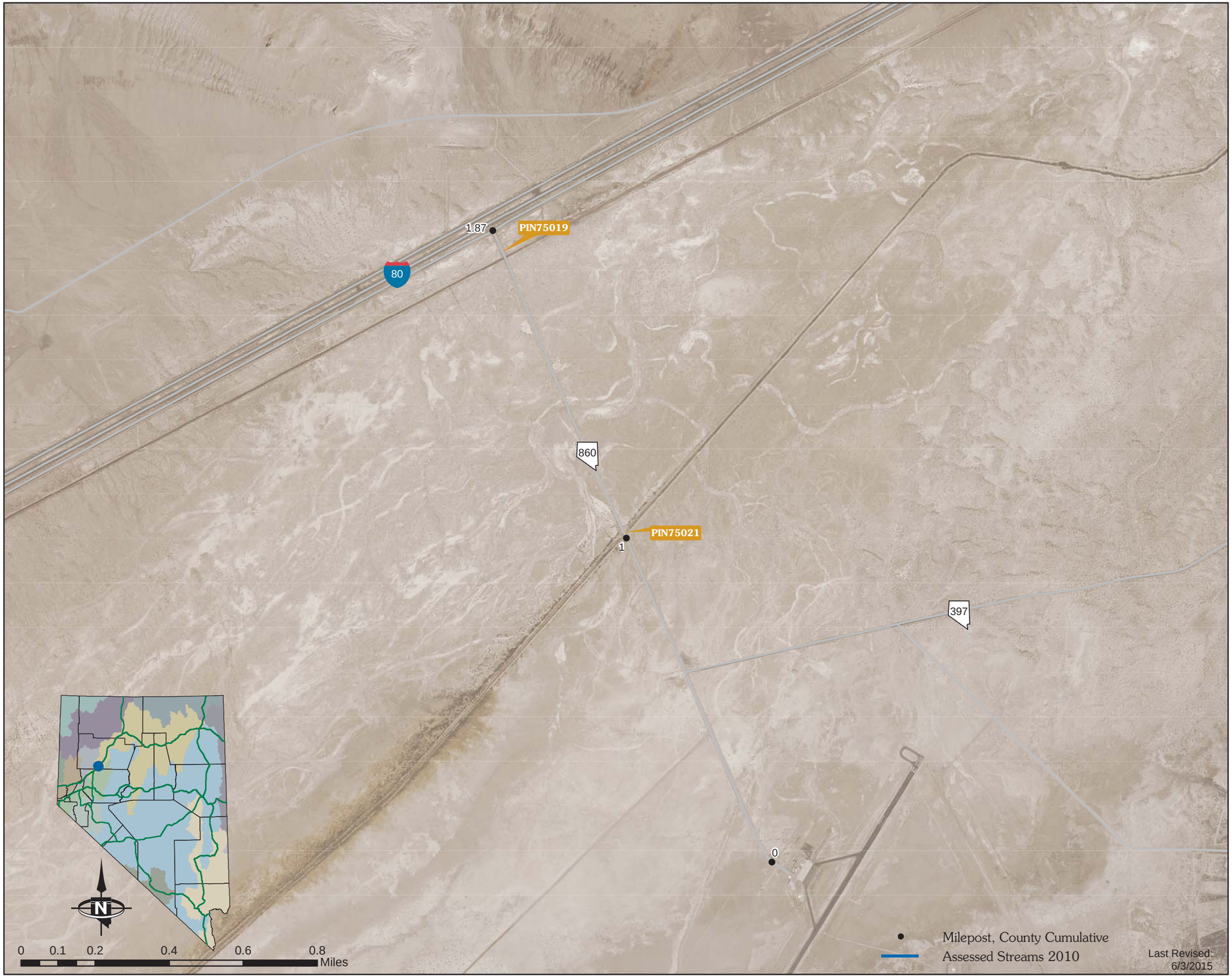
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 860 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN75019	36			Circular
PIN75021		70	48	Arch



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 877 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
BDR2074	36	0	0	Circular
BDR2087	48	0	0	Circular
BDR2102	0	96	36	Box
BDR2107	36	0	0	Circular
BDR2112	36	0	0	Circular
BDR2316	0	48	30	Arch

STATE OF NEVADA
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FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 878 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
TMH274	48			Circular

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FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 880 Corridor

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP19802	0	120	72	Box

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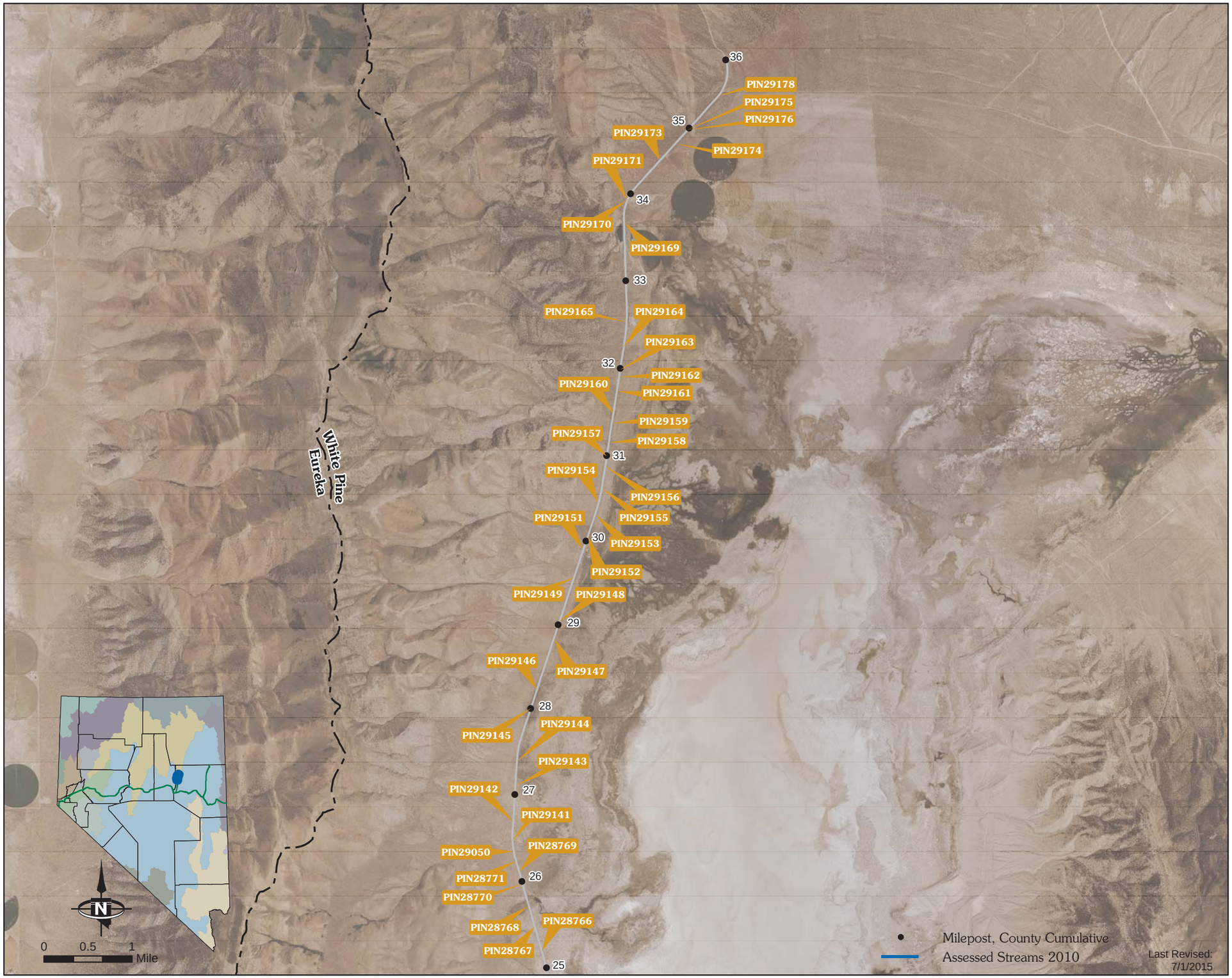
All Environmentally Reportable Facilities

SR 892 Corridor (MP 25 to MP 36)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIN28766		29	18	Arch
PIN28767		22	13	Arch
PIN28768		22	13	Arch
PIN28769		36	22	Arch
PIN28770		22	13	Arch
PIN28771		22	13	Arch
PIN29050		22	13	Arch
PIN29141	36			Circular
PIN29142		29	18	Arch
PIN29143		29	18	Arch
PIN29144		29	18	Arch
PIN29145		29	18	Arch
PIN29146		29	18	Arch
PIN29147		29	18	Arch
PIN29148		29	18	Arch
PIN29149		29	18	Arch
PIN29151		36	22	Arch
PIN29152		22	13	Arch
PIN29153		22	13	Arch
PIN29154		22	13	Arch
PIN29155		22	13	Arch
PIN29156		22	13	Arch
PIN29157		29	18	Arch
PIN29158		29	18	Arch
PIN29159		29	18	Arch
PIN29160		22	13	Arch
PIN29161		22	13	Arch
PIN29162		29	18	Arch
PIN29163		29	18	Arch
PIN29164		29	18	Arch
PIN29165		29	18	Arch
PIN29169	36			Circular
PIN29170	24			Circular
PIN29171	24			Circular
PIN29173		29	18	Arch
PIN29174		29	18	Arch
PIN29175	30			Circular
PIN29176	30			Circular
PIN29178		22	13	Arch



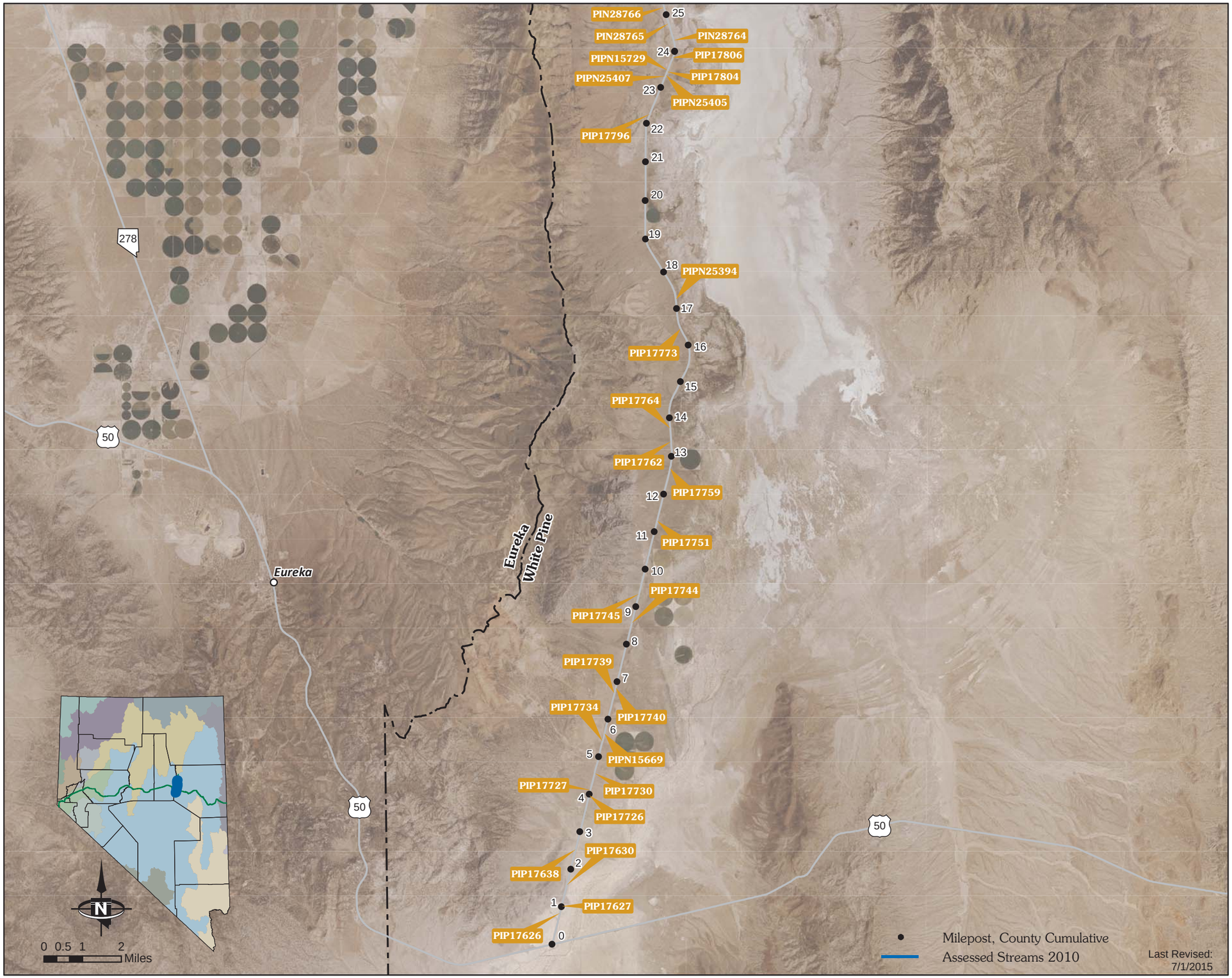
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 892 Corridor (US 50 to MP 25)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP17626		22	13	Arch
PIP17627		22	13	Arch
PIP17630		22	13	Arch
PIP17638		22	13	Arch
PIP17726		22	13	Arch
PIP17727		22	13	Arch
PIP17730		22	13	Arch
PIP17734	36			Circular
PIPN15669	42			Circular
PIP17739		22	13	Arch
PIP17740		22	13	Arch
PIP17744	36			Circular
PIP17745	36			Circular
PIP17751		22	13	Arch
PIP17759	42			Circular
PIP17762		22	13	Arch
PIP17764		22	13	Arch
PIP17773		29	18	Arch
PIP17796		22	13	Arch
PIP17804		29	18	Arch
PIPN15729		29	18	Arch
PIP17806		22	13	Arch
PIPN25394		29	18	Arch
PIPN25405		36	22	Arch
PIPN25407		29	18	Arch
PIN28764		22	13	Arch
PIN28765		22	13	Arch
PIN28766		29	18	Arch



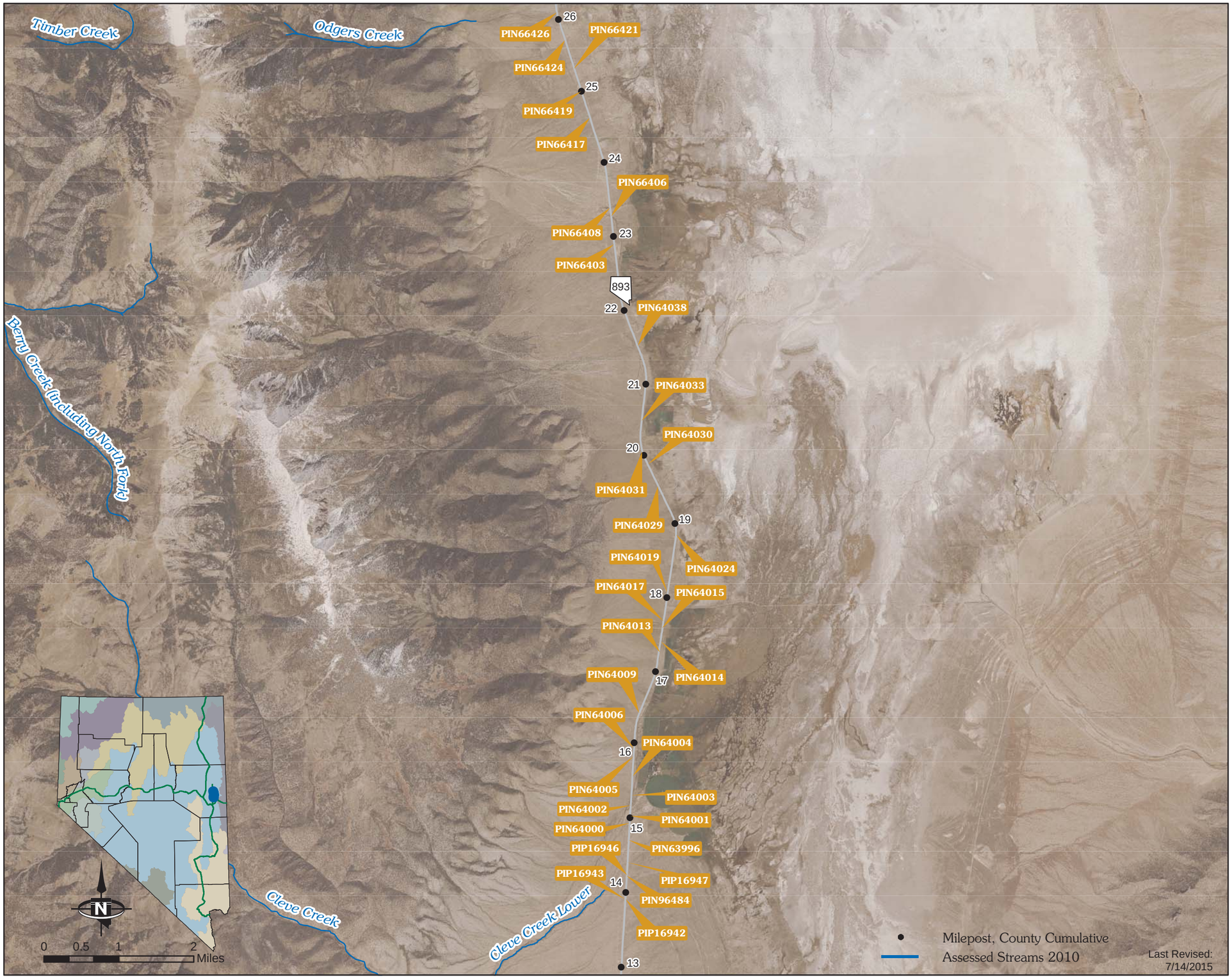
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 893 Corridor (MP WP 13 to MP WP 26)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP16942	24			Circular
PIP16943	24			Circular
PIP16946		43	27	Arch
PIP16947		29	18	Arch
PIN63996		29	18	Arch
PIN64000		43	27	Arch
PIN64001		43	27	Arch
PIN64002		36	22	Arch
PIN64003		29	18	Arch
PIN64004		22	13	Arch
PIN64005		29	18	Arch
PIN64006		29	18	Arch
PIN64009		22	13	Arch
PIN64013		29	18	Arch
PIN64014		29	18	Arch
PIN64015		29	18	Arch
PIN64017		29	18	Arch
PIN64019	36			Circular
PIN64024		29	18	Arch
PIN64029		22	13	Arch
PIN64030		29	18	Arch
PIN64031		22	13	Arch
PIN64033		29	18	Arch
PIN64038		36	22	Arch
PIN66403	36			Circular
PIN66406		36	22	Arch
PIN66408		36	22	Arch
PIN66417		29	18	Arch
PIN66419		29	18	Arch
PIN66421		22	13	Arch
PIN66424		22	13	Arch
PIN66426		29	18	Arch
PIN96484		43	27	Arch



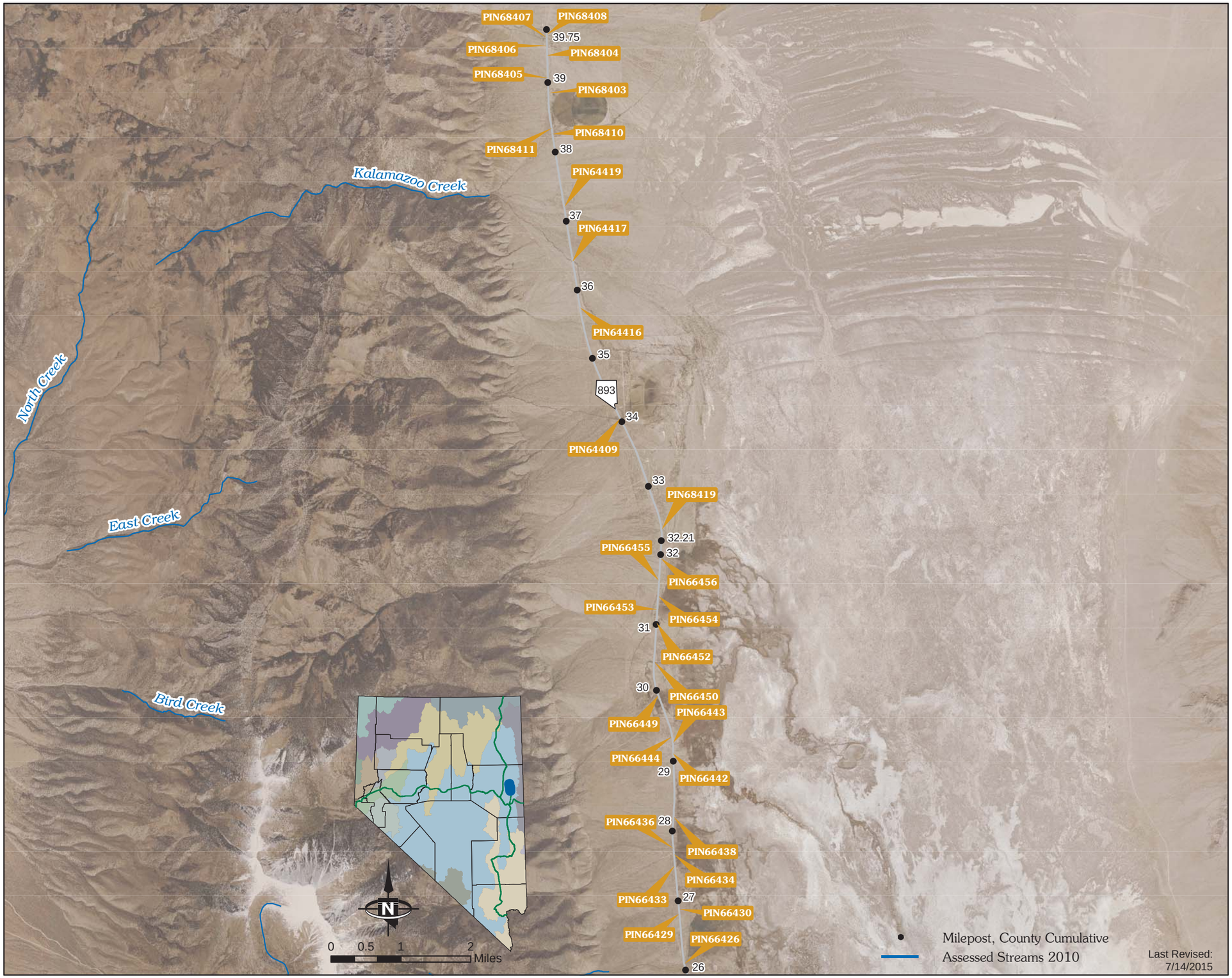
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 893 Corridor (MP WP 26 to MP WP 39.75)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN64409	36			Circular
PIN64416		58	36	Arch
PIN64417		58	36	Arch
PIN64419		43	27	Arch
PIN66426		29	18	Arch
PIN66429		29	18	Arch
PIN66430		29	18	Arch
PIN66433		29	18	Arch
PIN66434		22	13	Arch
PIN66436		22	13	Arch
PIN66438		22	13	Arch
PIN66442		29	18	Arch
PIN66443		22	13	Arch
PIN66444		29	18	Arch
PIN66449		22	13	Arch
PIN66450	36			Circular
PIN66452		22	13	Arch
PIN66453		22	13	Arch
PIN66454		22	13	Arch
PIN66455	29	18		Arch
PIN66456	42			Circular
PIN68403		36	22	Arch
PIN68404		43	27	Arch
PIN68405		36	22	Arch
PIN68406		43	27	Arch
PIN68407		29	18	Arch
PIN68408	48			Circular
PIN68410		43	27	Arch
PIN68411		36	22	Arch
PIN68419	36			Circular



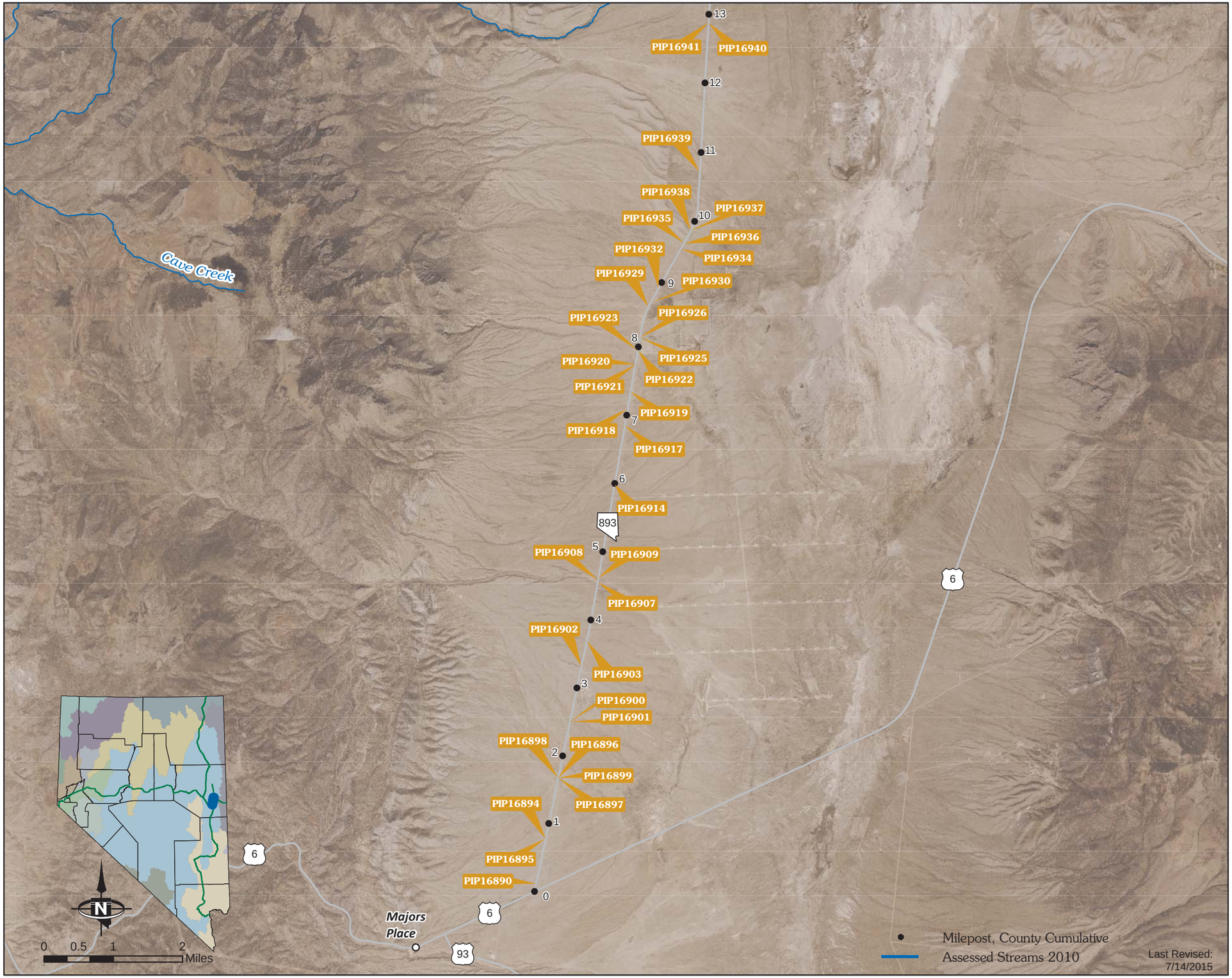
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 893 Corridor (MP WP 0 to MP WP 13)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP16890	36			Circular
PIP16894		29	18	Arch
PIP16895		29	18	Arch
PIP16896		29	18	Arch
PIP16897		29	18	Arch
PIP16898		29	18	Arch
PIP16899		29	18	Arch
PIP16900		29	18	Arch
PIP16901		29	18	Arch
PIP16902	36			Circular
PIP16903	36			Circular
PIP16907	36			Circular
PIP16908	72			Circular
PIP16909	36			Circular
PIP16914	36			Circular
PIP16917		29	18	Arch
PIP16918		29	18	Arch
PIP16919		29	18	Arch
PIP16920	24			Circular
PIP16921	24			Circular
PIP16922	24			Circular
PIP16923	24			Circular
PIP16925	24			Circular
PIP16926	24			Circular
PIP16929	36			Circular
PIP16930	36			Circular
PIP16932	36			Circular
PIP16934	36			Circular
PIP16935	36			Circular
PIP16936	36			Circular
PIP16937	36			Circular
PIP16938	36			Circular
PIP16939	36			Circular
PIP16940	24			Circular
PIP16941	24			Circular



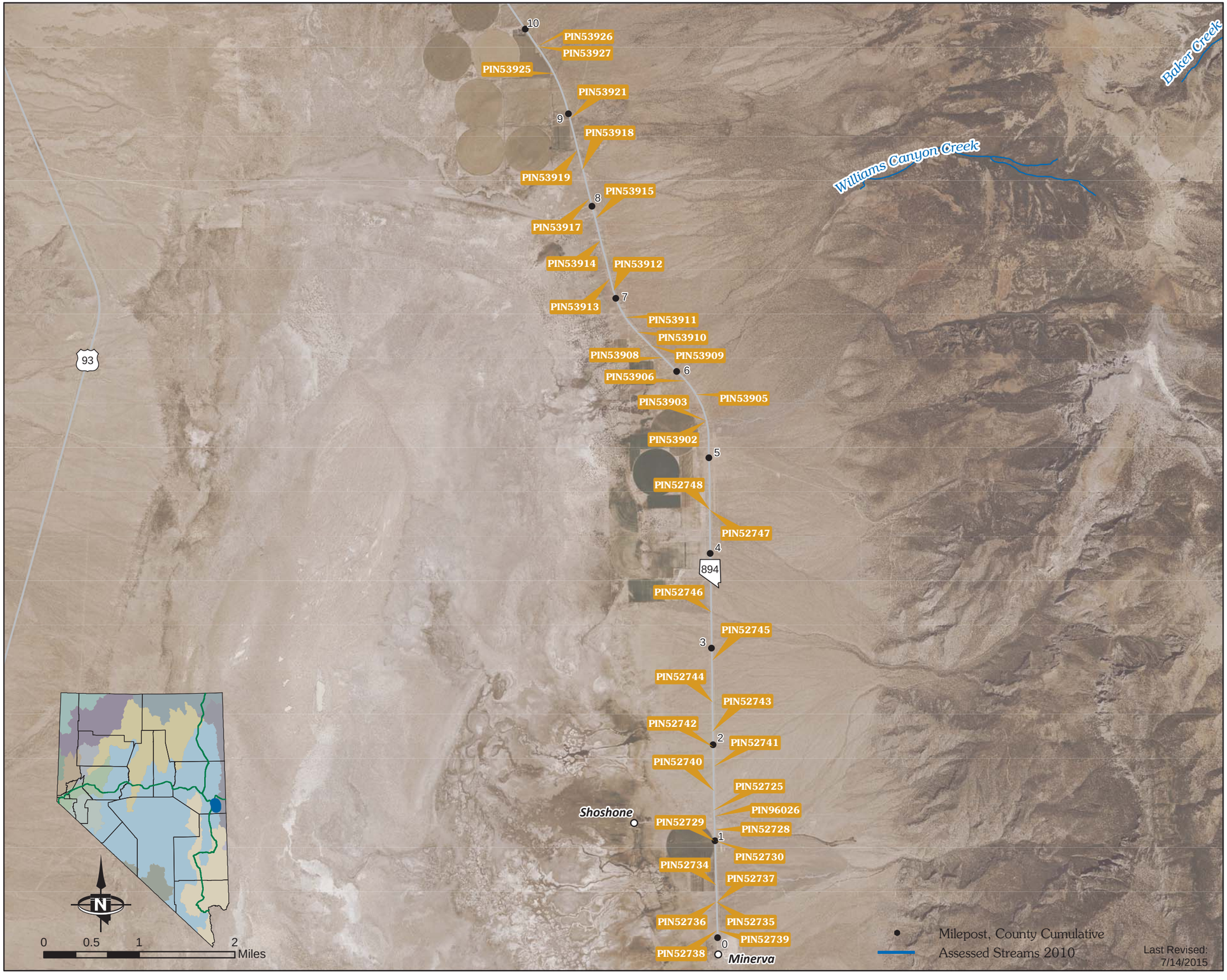
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 894 Corridor (MP WP 0 to MP WP 10)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIN52725		29	18	Arch
PIN52728		36	22	Arch
PIN52729		36	22	Arch
PIN52730		36	22	Arch
PIN52734		29	18	Arch
PIN52735		43	27	Arch
PIN52736		43	27	Arch
PIN52737		43	27	Arch
PIN52738		29	18	Arch
PIN52739		29	18	Arch
PIN52740		43	27	Arch
PIN52741		43	27	Arch
PIN52742		43	27	Arch
PIN52743	36			Circular
PIN52744	48			Circular
PIN52745		43	27	Arch
PIN52746		58	36	Arch
PIN52747		43	27	Arch
PIN52748		43	27	Arch
PIN53902		43	27	Arch
PIN53903		43	27	Arch
PIN53905		43	27	Arch
PIN53906		43	27	Arch
PIN53908	36			Circular
PIN53909	36			Circular
PIN53910	36			Circular
PIN53911		43	27	Arch
PIN53912		43	27	Arch
PIN53913		43	27	Arch
PIN53914	36			Circular
PIN53915		43	27	Arch
PIN53917		43	27	Arch
PIN53918		43	27	Arch
PIN53919		43	27	Arch
PIN53921		43	27	Arch
PIN53925		43	27	Arch
PIN53926		43	27	Arch
PIN53927		43	27	Arch
PIN96026		43	27	Arch



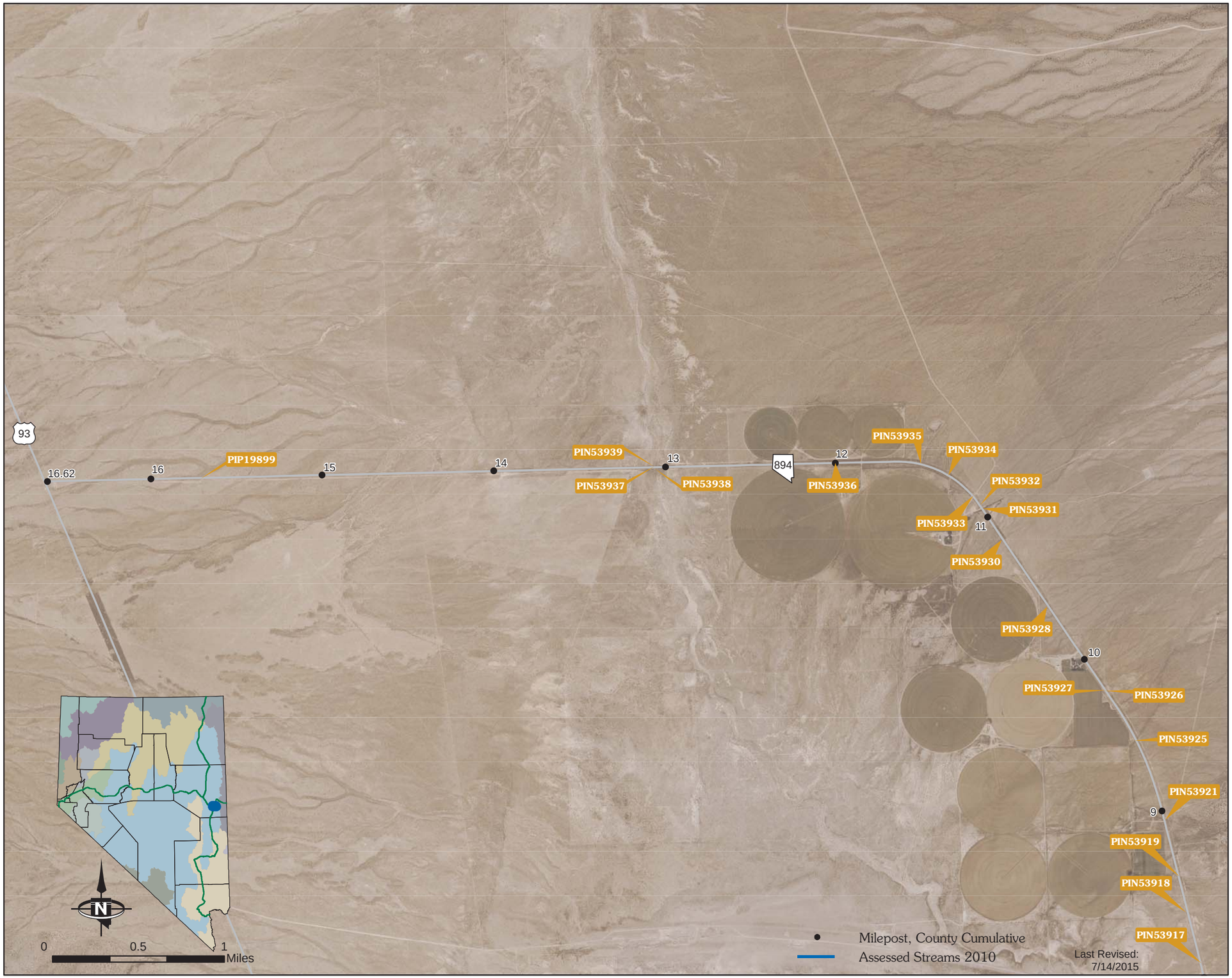
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

SR 894 Corridor (MP WP 9 to MP WP 16.62)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP19899		43	27	Arch
PIN53917		43	27	Arch
PIN53918		43	27	Arch
PIN53919		43	27	Arch
PIN53921		43	27	Arch
PIN53925		43	27	Arch
PIN53926		43	27	Arch
PIN53927		43	27	Arch
PIN53928		43	27	Arch
PIN53930		43	27	Arch
PIN53931		43	27	Arch
PIN53932		43	27	Arch
PIN53933		22	13	Arch
PIN53934		43	27	Arch
PIN53935		43	27	Arch
PIN53936		43	27	Arch
PIN53937		43	27	Arch
PIN53938		43	27	Arch
PIN53939		43	27	Arch



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US50 Corridor (Fallon)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP16169	48			Circular
PIP16170		58	36	Arch
PIP16173		48	30	Box
PIP43217		60	24	Box
PIP43220		23	14	Elliptical
PIP43221		72	24	Box
PIP43223	36			Circular
PIP43226		48	48	Box
PIP43227		48	36	Box
PIF25912	36			Circular
PIF25913		144	72	Box
PIF25916		120	84	Box
PIF25920		53	34	Arch
PIF25922	36			Circular
PIF25923		84	60	Box
PIF25925		58	36	Arch
PIF28187		96	36	Box
PIF28222		23	14	Elliptical
PIF28223		72	24	Box
PIF28225	36			Circular
PIF28274		144	120	Box
PIF28275		58	36	Arch
PIF28329		96	72	Box
PIF28330		96	72	Box
PIF28331		96	72	Box

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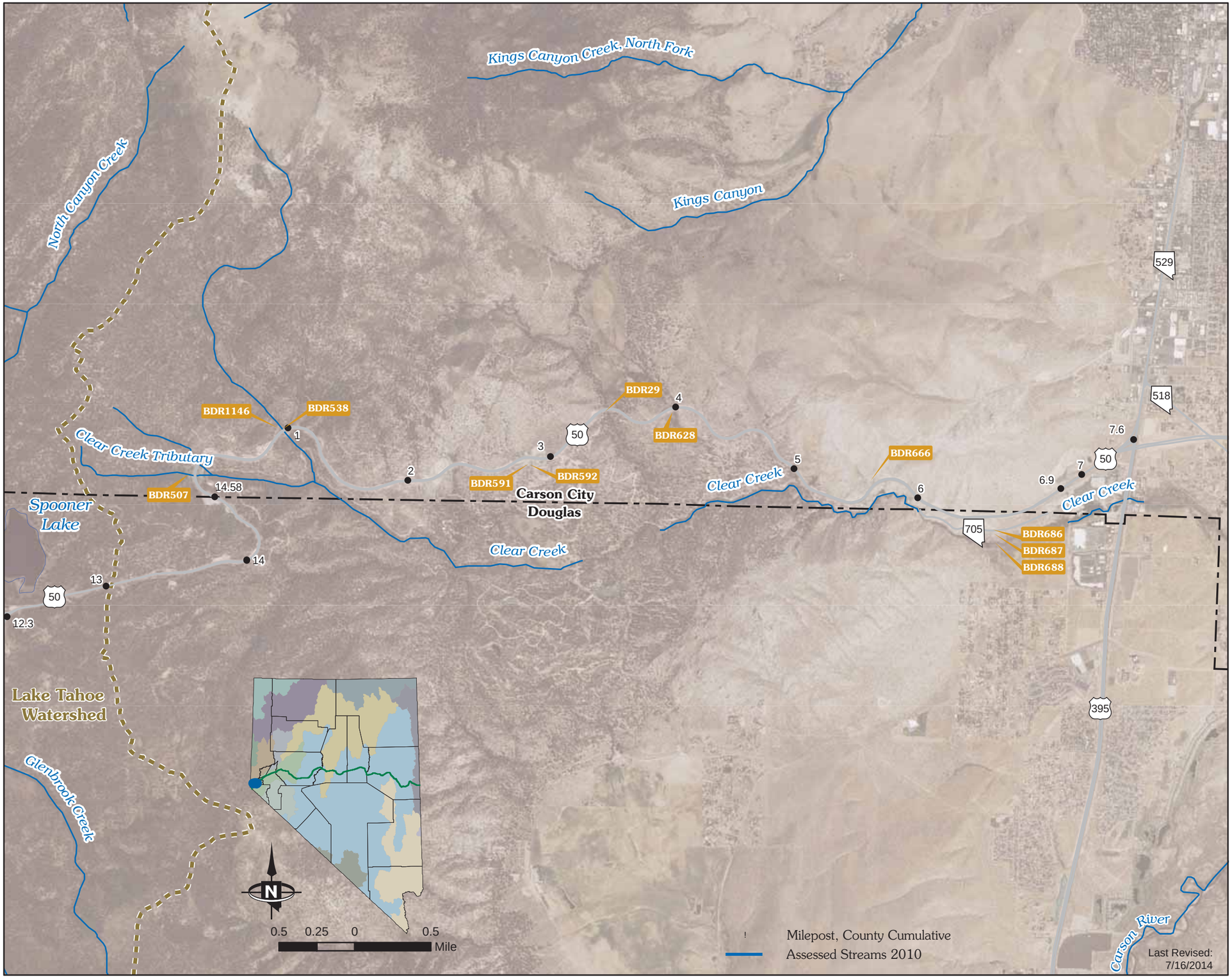
All Environmentally Reportable Facilities

US 50 Corridor (Lake Tahoe Basin to SR 529) & SR 705

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR29	36			Circular
BDR1146	36			Circular
BDR538	60			Circular
BDR591	36			Circular
BDR628	48			Circular
BDR666	36			Circular
BDR686	36			Circular
BDR687	36			Circular
BDR688	36			Circular
BDR592	36			Circular
BDR507	60			Circular



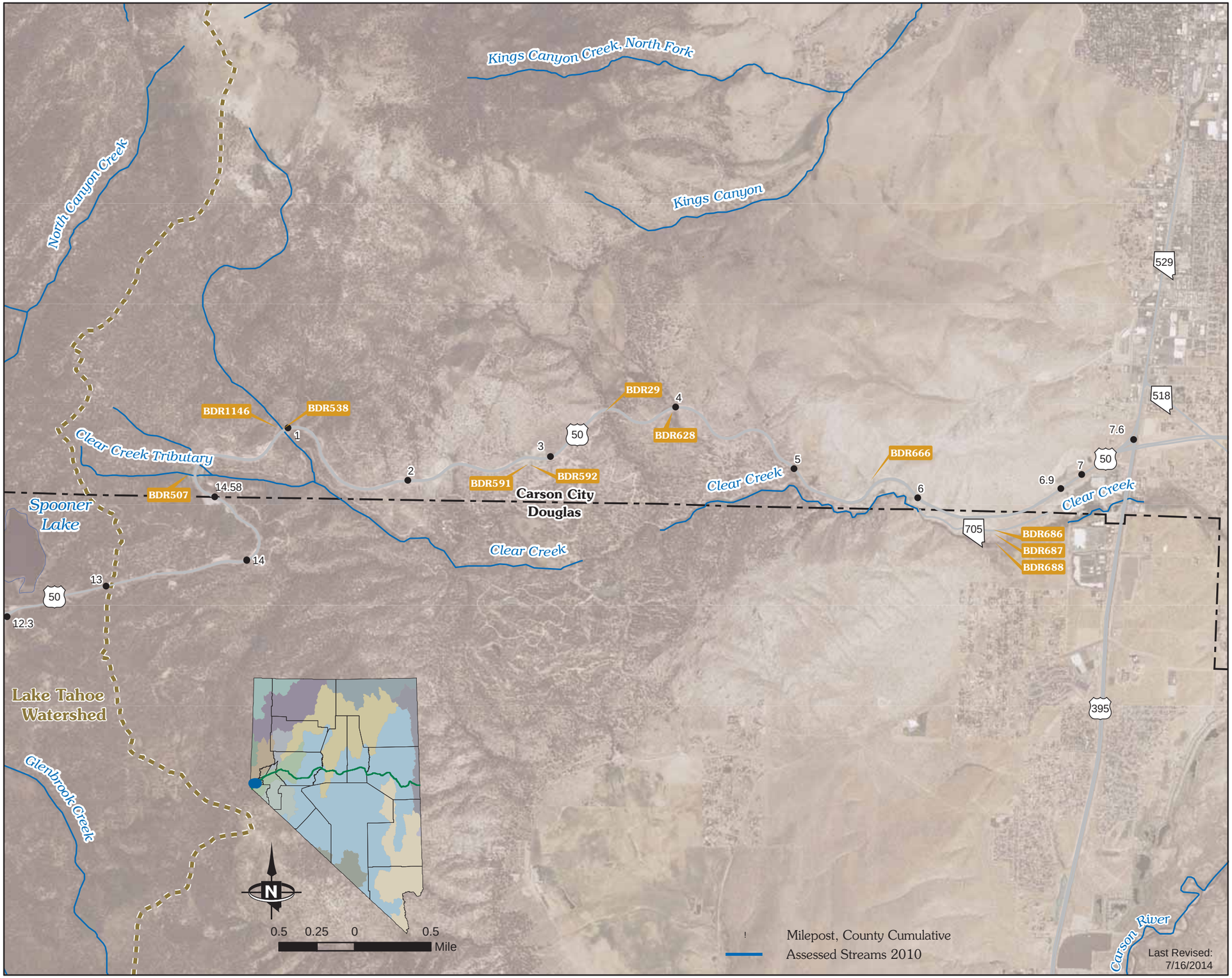
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 50 Corridor (Lake Tahoe Watershed to SR 529)
& SR 705

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR29	36			Circular
BDR1146	36			Circular
BDR538	60			Circular
BDR591	36			Circular
BDR628	48			Circular
BDR666	36			Circular
BDR686	36			Circular
BDR687	36			Circular
BDR688	36			Circular
BDR592	36			Circular
BDR507	60			Circular



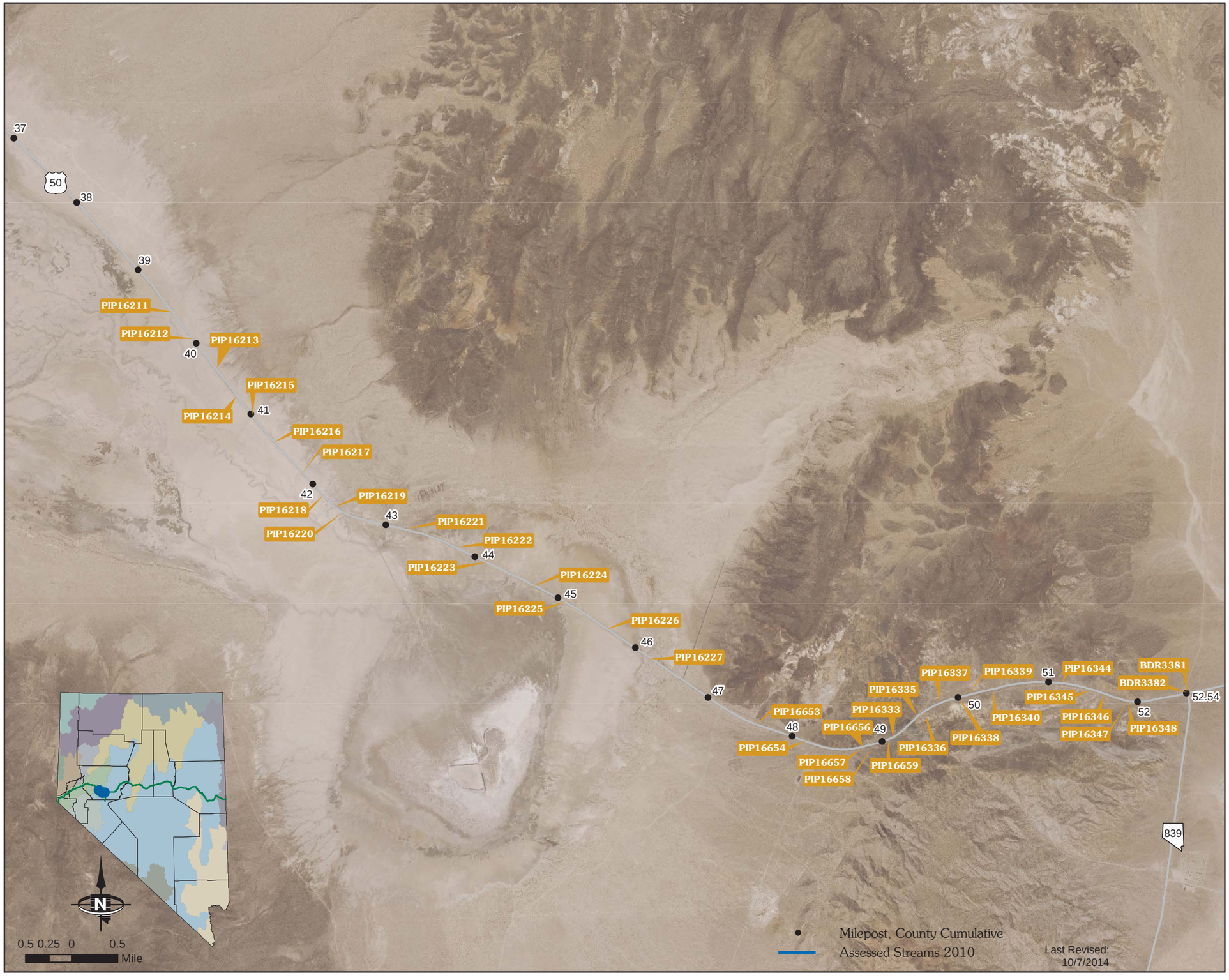
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 50 Corridor (SR 116 to SR 839) East

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR3381	24			Circular
BDR3382	24			Circular
PIP16211		6	6	Box
PIP16212	36			Circular
PIP16213	36			Circular
PIP16214	36			Circular
PIP16215	36			Circular
PIP16216		6	3	Other (see notes)
PIP16217	36			Circular
PIP16218	36			Circular
PIP16219	36			Circular
PIP16220	36			Circular
PIP16221	36			Circular
PIP16222		3	3	Other (see notes)
PIP16223		4	3	Box
PIP16224		4	2	Other (see notes)
PIP16225		4	3	Box
PIP16226		48	18	Box
PIP16227		36	36	Box
PIP16333	36			Circular
PIP16335	36			Circular
PIP16336	36			Circular
PIP16337	36			Circular
PIP16338	36			Circular
PIP16339	36			Circular
PIP16340	36			Circular
PIP16344	36			Circular
PIP16345	36			Circular
PIP16346	36			Circular
PIP16347	48			Circular
PIP16348	48			Circular
PIP16653	36			Circular
PIP16654	36			Circular
PIP16656	60			Circular
PIP16657	60			Circular
PIP16658	36			Circular
PIP16659	36			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

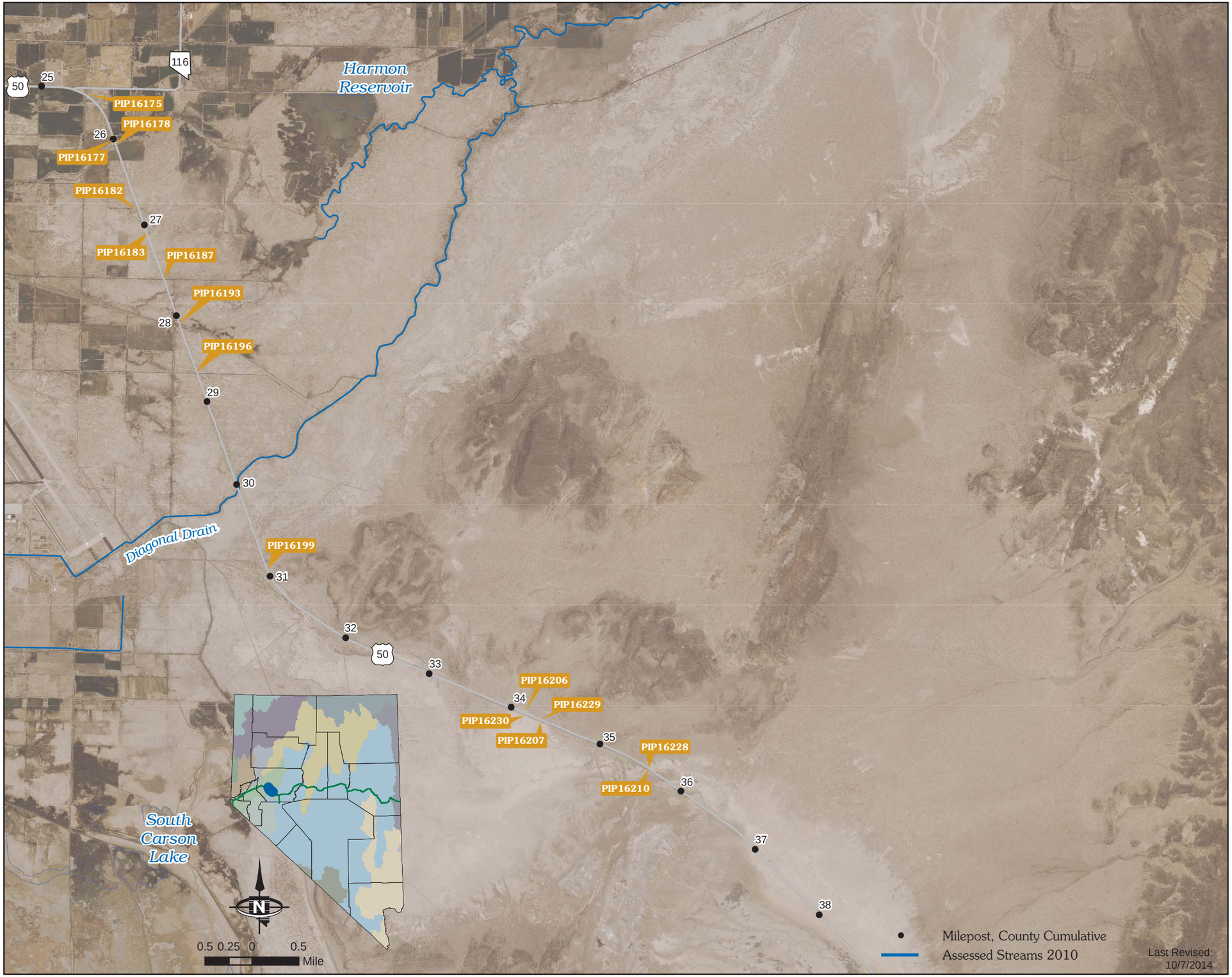
All Environmentally Reportable Facilities

US 50 Corridor (SR 116 to SR 839) West

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP16175		50	31	Arch
PIP16177		72	44	Arch
PIP16178		144	60	Box
PIP16182	36			Circular
PIP16183		72	44	Arch
PIP16187		144	60	Box
PIP16193		72	48	Box
PIP16196		60	48	Box
PIP16199	0	43	27	Arch
PIP16206	24			Circular
PIP16207	24			Circular
PIP16210	24			Circular
PIP16228				Circular
PIP16229	24			Circular
PIP16230	24			Circular



STATE OF NEVADA
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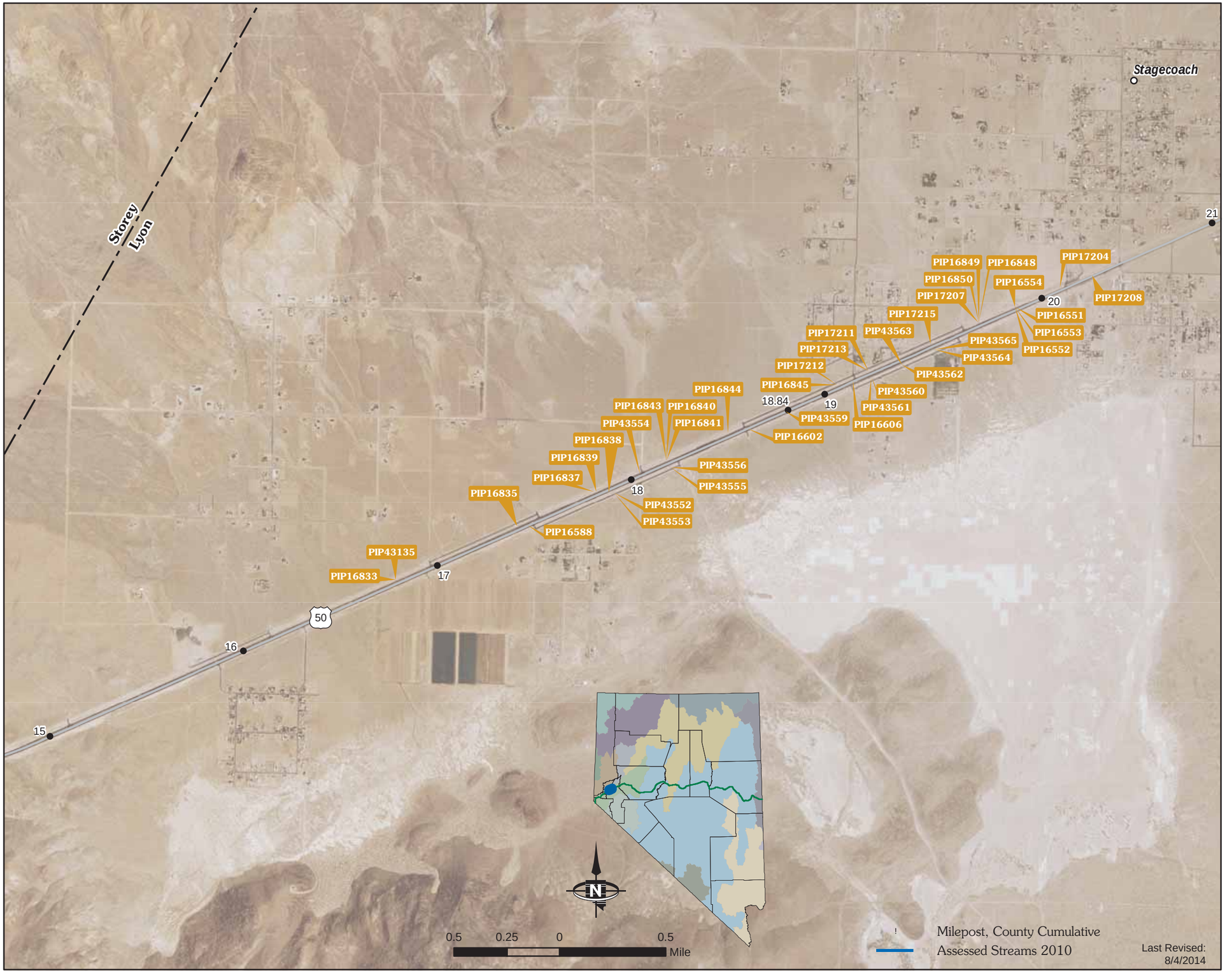
All Environmentally Reportable Facilities

US 50 Corridor (SR 431 to US 50A) Central

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP16551	0	38	24	Elliptical
PIP16552	0	38	24	Elliptical
PIP16553	0	38	24	Elliptical
PIP16554	0	38	24	Elliptical
PIP16588		23	14	Elliptical
PIP16602		23	14	Elliptical
PIP16606		23	14	Elliptical
PIP16833	30			Circular
PIP16835		30	19	Elliptical
PIP16837	0	38	24	Elliptical
PIP16838	0	38	24	Elliptical
PIP16839	0	38	24	Elliptical
PIP16840	0	38	24	Elliptical
PIP16841	0	38	24	Elliptical
PIP16843	0	38	24	Elliptical
PIP16844		30	19	Elliptical
PIP16845	0	38	24	Elliptical
PIP16848	0	38	24	Elliptical
PIP16849	0	38	24	Elliptical
PIP16850	0	38	24	Elliptical
PIP17204	0	38	24	Elliptical
PIP17207	0	38	24	Elliptical
PIP17208	0	38	24	Elliptical
PIP17211	0	38	24	Elliptical
PIP17212	0	38	24	Elliptical
PIP17213	0	38	24	Elliptical
PIP17215	0	38	24	Elliptical
PIP43135	30			Circular
PIP43552		17	13	Arch
PIP43553		17	13	Arch
PIP43554		23	14	Elliptical
PIP43555		17	13	Arch
PIP43556		17	13	Arch
PIP43559		23	14	Elliptical
PIP43560		17	13	Arch
PIP43561		17	13	Arch
PIP43562		17	13	Arch
PIP43563		17	13	Arch
PIP43564		17	13	Arch
PIP43565		17	13	Arch



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FACILITY INVENTORY

All Environmentally Reportable Facilities

US 50 Corridor (SR 431 to US 50A) East

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP985		144	36	Box
RSL194	36			Circular
RSL199		72	48	Box
RSL201	36			Other (see notes)
RSL202	36			Circular
RSL205	36			Circular
RSL207	60			Circular
PIP14216	36			Circular
PIP14691	36			Circular
PIP14694	36			Circular
PIP17217	36			Circular
PIP17225	36			Circular
PIP17230	36			Circular
PIP17231	36			Circular
RSL198		96	48	Box
CYB3	36			Other (see notes)
PIP14691b	36			Circular
RSL198B		96	48	Box
BDR90		144	36	Box
PIP43932				Box

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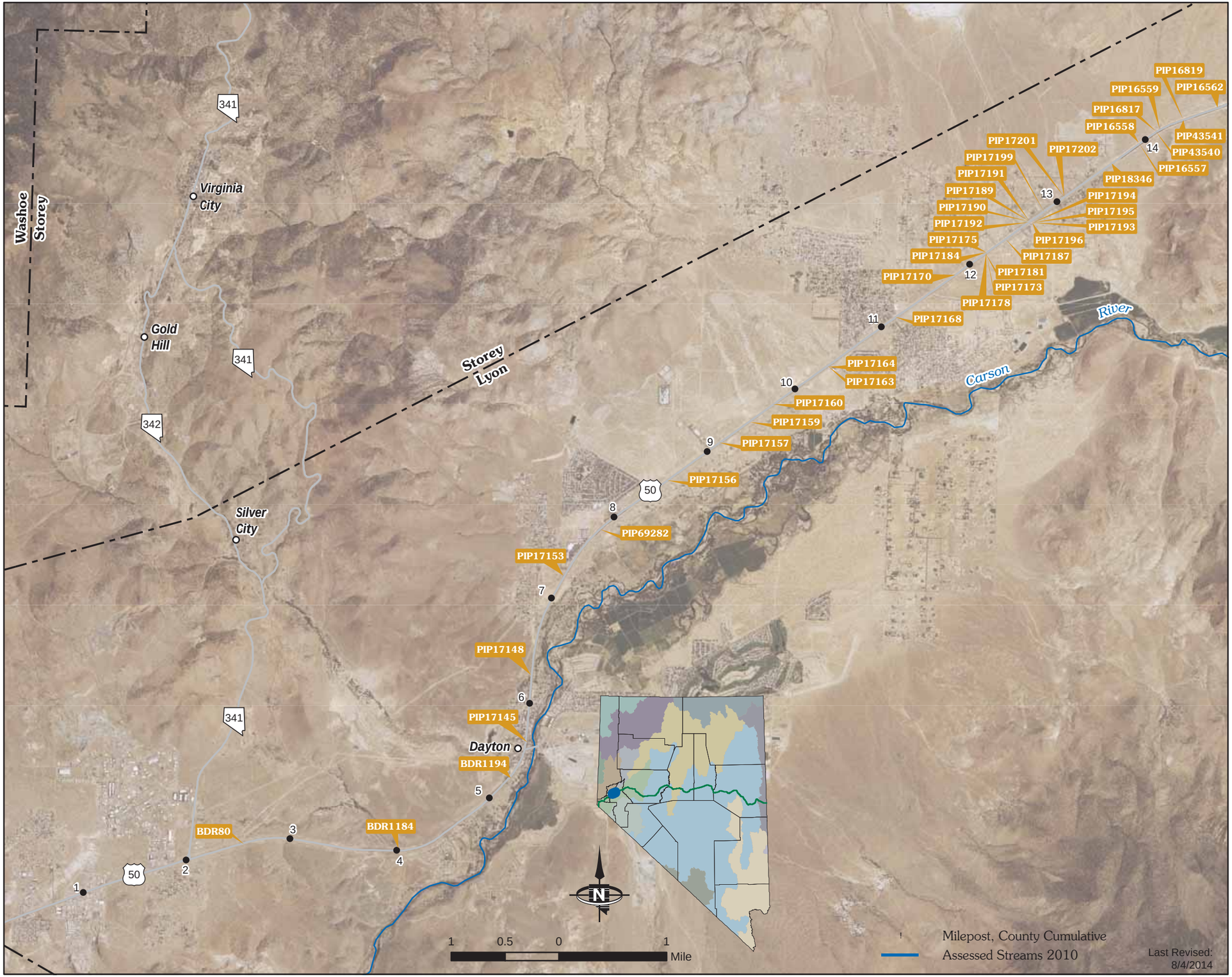
All Environmentally Reportable Facilities

US 50 Corridor (SR 431 to US 50A) West

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
BDR80		96	48	Box
BDR1184	60			Circular
BDR1194	36			Circular
PIP16557	24			Circular
PIP16558	24			Circular
PIP16559	36			Circular
PIP16562		23	14	Elliptical
PIP16817	24			Circular
PIP16819	24			Circular
PIP17145		144	72	Box
PIP17148		84	84	Box
PIP17153	48			Circular
PIP17156		72	48	Box
PIP17157	36			Circular
PIP17159	48			Circular
PIP17160	36			Circular
PIP17163		132	96	Box
PIP17164		132	96	Box
PIP17168	60			Circular
PIP17170		120	72	Box
PIP17173	38			Circular
PIP17175	38			Circular
PIP17178	38			Circular
PIP17181	38			Circular
PIP17184	38			Circular
PIP17187		30	19	Elliptical
PIP17189		30	19	Elliptical
PIP17190		30	19	Elliptical
PIP17191		30	19	Elliptical
PIP17192		30	19	Elliptical
PIP17193		23	14	Elliptical
PIP17194		23	14	Elliptical
PIP17195		23	14	Elliptical
PIP17196		23	14	Elliptical
PIP17199		23	14	Elliptical
PIP17201	24			Circular
PIP17202	24			Circular
PIP18346	36			Circular
PIP43540	24			Circular
PIP43541	24			Circular
PIP69282	36			Circular



STATE OF NEVADA
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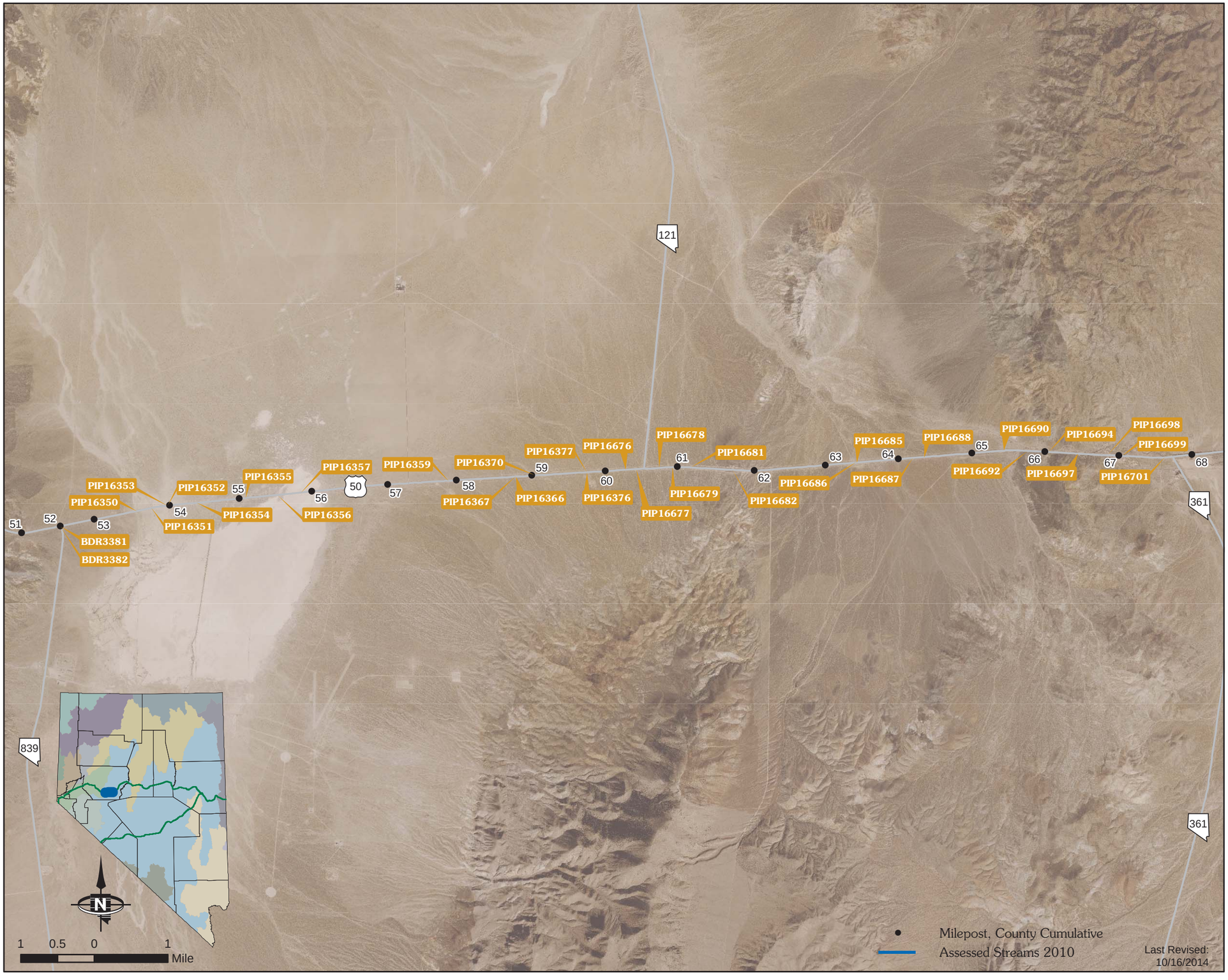
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 50 Corridor (SR 839 to SR 361)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
BDR3381	24			Circular
BDR3382	24			Circular
PIP16350		48	20	Box
PIP16351		48	20	Box
PIP16352		48	20	Box
PIP16353		48	20	Box
PIP16354		48	20	Box
PIP16355		48	20	Box
PIP16356		48	20	Box
PIP16357		48	20	Box
PIP16359		48	20	Box
PIP16366	36			Circular
PIP16367	36			Circular
PIP16370	36			Circular
PIP16376	36			Circular
PIP16377	36			Circular
PIP16676	48			Other (see notes)
PIP16677	36			Circular
PIP16678	36			Other (see notes)
PIP16679	36			Other (see notes)
PIP16681		72	72	Other (see notes)
PIP16682	36			Other (see notes)
PIP16685			72	Other (see notes)
PIP16686			72	Other (see notes)
PIP16687	36			Other (see notes)
PIP16688	36			Other (see notes)
PIP16690	36			Other (see notes)
PIP16692	36			Other (see notes)
PIP16694	48			Other (see notes)
PIP16697	36			Other (see notes)
PIP16698		96	96	Other (see notes)
PIP16699	48			Other (see notes)
PIP16701	36			Other (see notes)



STATE OF NEVADA
HYDRAULIC
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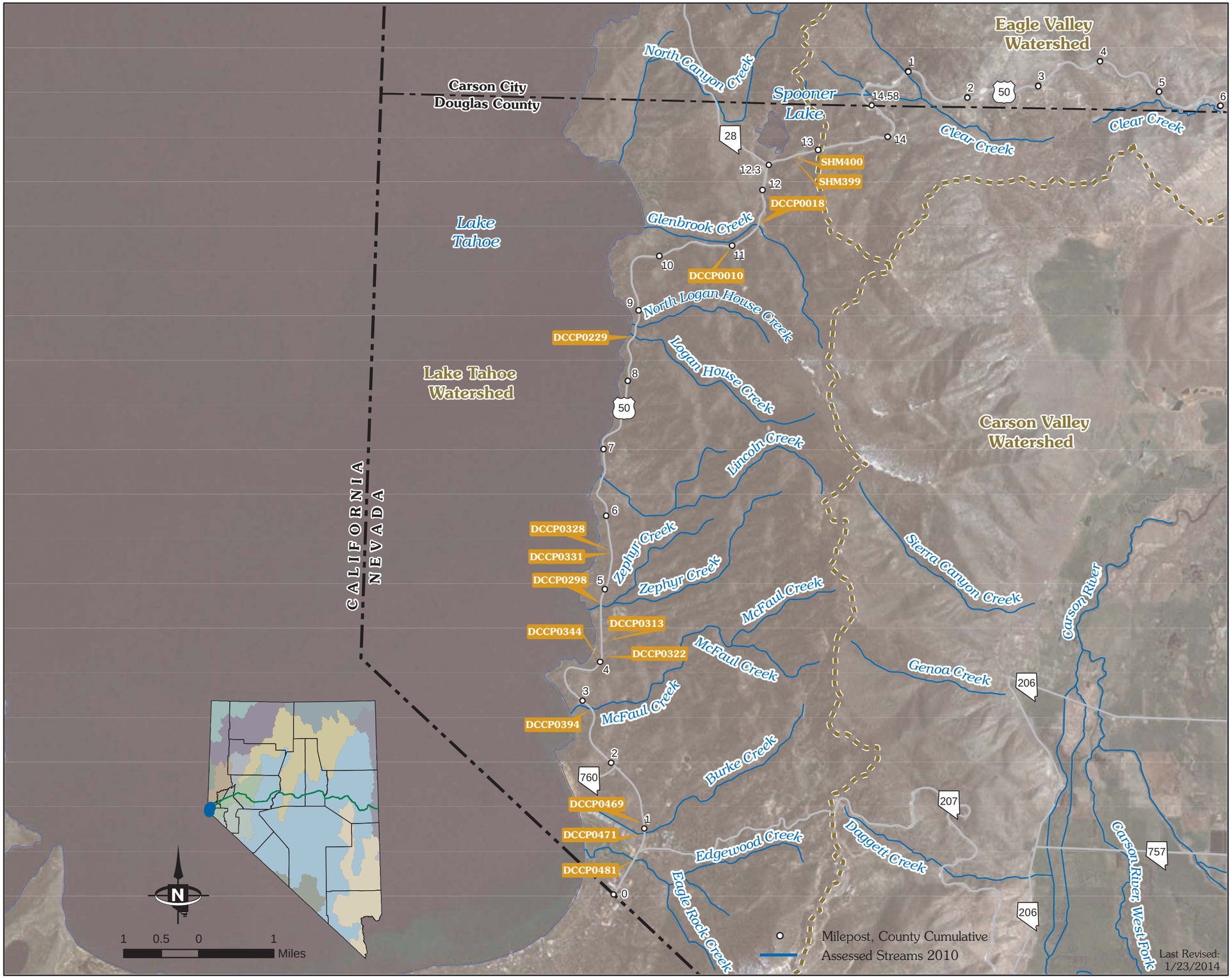
All Environmentally Reportable Facilities

US 50 Corridor (Within Lake Tahoe Watershed)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
DCCP0481				Other (see notes)
DCCP0469	0	38	24	Elliptical
DCCP0394	0	72	48	Box
DCCP0344	36	0	0	Circular
DCCP0010	36	0	0	Circular
DCCP0018	36	0	0	Circular
DCCP0322	36			Circular
DCCP0313	0	74	36	Box
DCCP0298	0	60	48	Box
DCCP0331	0	25	37	Elliptical
DCCP0328	0	23	14	Elliptical
DCCP0229	0	36	30	Box
DCCP0471				Circular
SHM399				Other (see notes)
SHM400				Other (see notes)



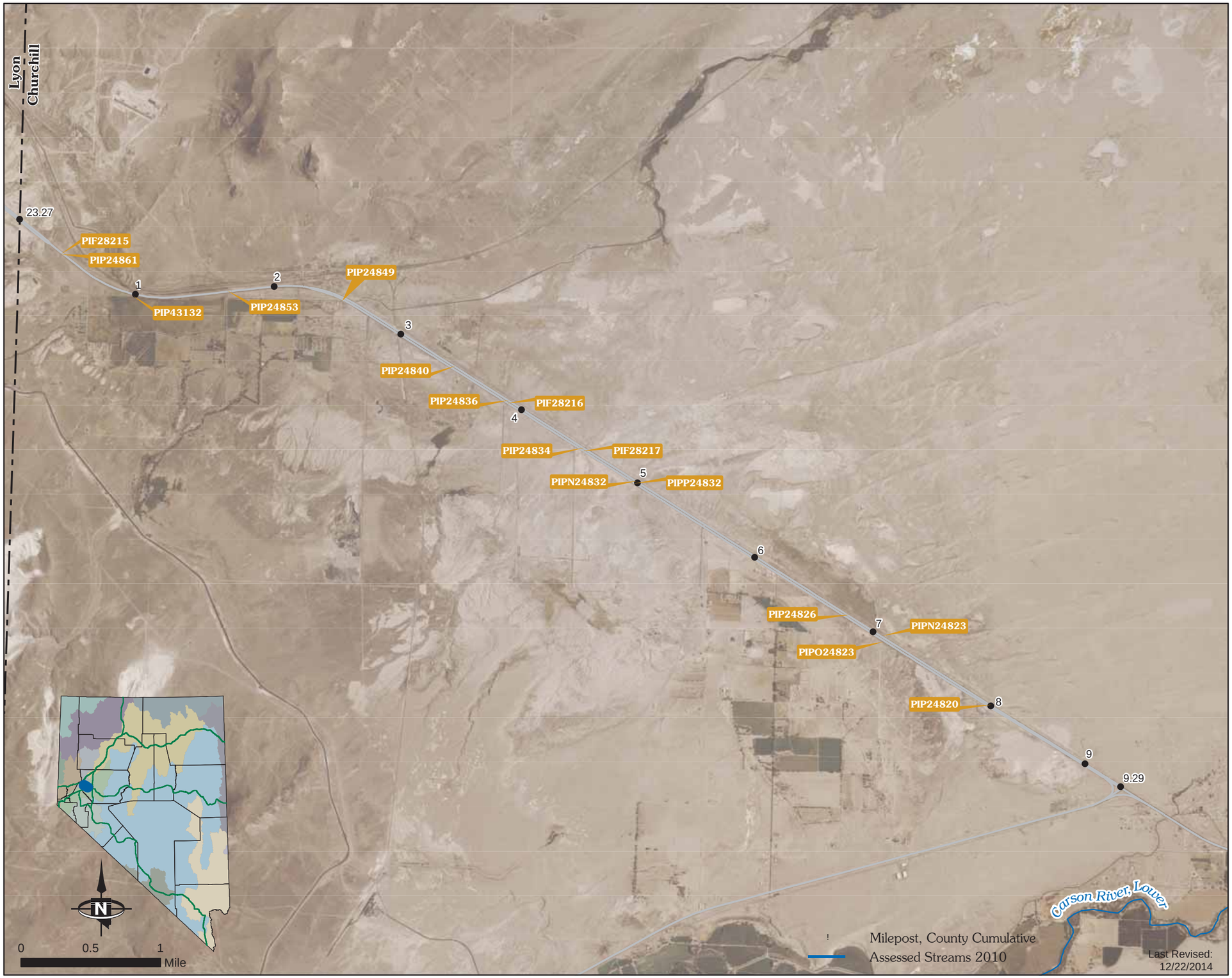
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 50 Alt Corridor (MP LY 23.27 to MP CH 9.29)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP24820	36			Circular
PIPN24823	30			Circular
PIP24826	36			Circular
PIPN24832	48			Circular
PIP24834		120	48	Box
PIP24836	48			Circular
PIP24840		45	29	Elliptical
PIP24849	60			Circular
PIP24853	36			Circular
PIP24861		34	22	Elliptical
PIP43132	NA	30	19	Elliptical
PIF28215		34	22	Elliptical
PIF28216	48			Circular
PIF28217		120	48	Box
PIPP24832	48			Circular
PIPO24823	30			Circular



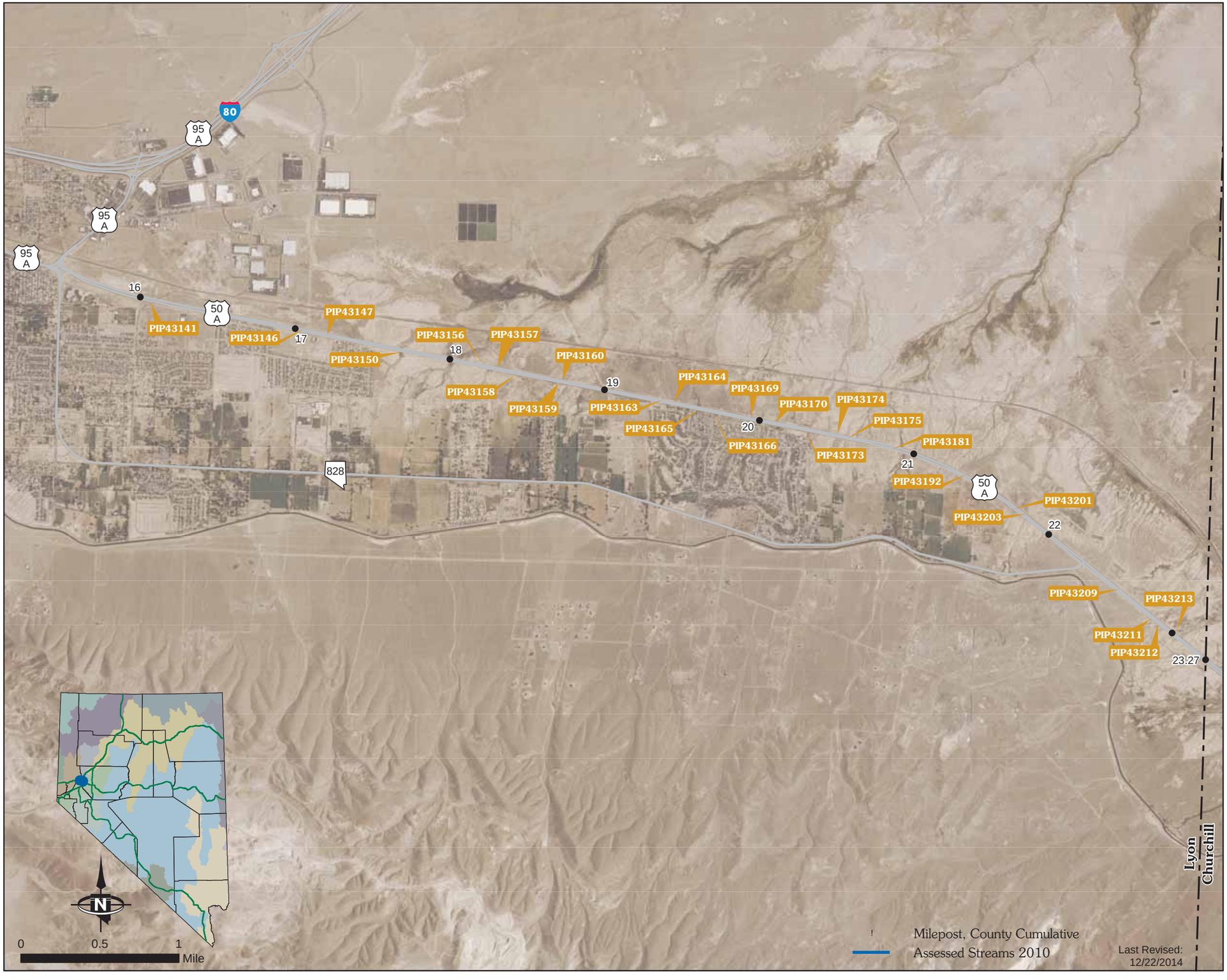
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 50 Alt (MP LY 16 to MP LY 23.27)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP43141		60	48	Box
PIP43146	36			Circular
PIP43147	36			Circular
PIP43150	36			Circular
PIP43156		30	19	Arch
PIP43157		42	27	Arch
PIP43158		30	19	Elliptical
PIP43159		28	20	Arch
PIP43160	36			Circular
PIP43163		23	14	Elliptical
PIP43164		30	19	Elliptical
PIP43165		30	19	Elliptical
PIP43166		23	14	Elliptical
PIP43169	36			Circular
PIP43170		30	19	Elliptical
PIP43173	36			Circular
PIP43174		30	19	Elliptical
PIP43175		30	19	Elliptical
PIP43181		23	14	Elliptical
PIP43192		45	29	Elliptical
PIP43201	36			Circular
PIP43203	36			Circular
PIP43209		23	14	Elliptical
PIP43211	36			Circular
PIP43212	36			Circular
PIP43213	36			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US50 Corridor (Fallon)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP16169	48			Circular
PIP16170		58	36	Arch
PIP16173		48	30	Box
PIP43217		60	24	Box
PIP43220		23	14	Elliptical
PIP43221		72	24	Box
PIP43223	36			Circular
PIP43226		48	48	Box
PIP43227		48	36	Box
PIF25912	36			Circular
PIF25913		144	72	Box
PIF25916		120	84	Box
PIF25920		53	34	Arch
PIF25922	36			Circular
PIF25923		84	60	Box
PIF25925		58	36	Arch
PIF28187		96	36	Box
PIF28222		23	14	Elliptical
PIF28223		72	24	Box
PIF28225	36			Circular
PIF28274		144	120	Box
PIF28275		58	36	Arch
PIF28329		96	72	Box
PIF28330		96	72	Box
PIF28331		96	72	Box

STATE OF NEVADA
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All Environmentally Reportable Facilities

US50 Corridor (MP 100 Churchill Co. to SR 305)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
ASM1	36			Circular
ASM4	36			Circular
ASM9		92	80	Arch
ASM13		40	30	Arch
ASM15	36			Circular
ASM16		98	69	Arch
ASM25	36			Circular
ASM27	60			Circular
ASM30	36			Circular
ASM36	36			Circular
ASM38		98	69	Arch
ASM41	36			Circular
ASM42	36			Circular
ASM43	36			Circular
ASM44	36			Circular
ASM45	36			Circular
ASM46		43	27	Arch
ASM58		92	70	Arch
ASM60	48			Circular
ASM61	60			Circular
ASM62	36			Circular
BDR3376				Other (see notes)
BDR3377				Other (see notes)
BDR3378				Other (see notes)
PIP19102	48			Circular
PIP19107	36			Circular
PIP19988	84			Circular
PIP19991	36			Circular
PIP19992	72			Circular
PIP19993	72			Circular
PIP19994	36			Circular

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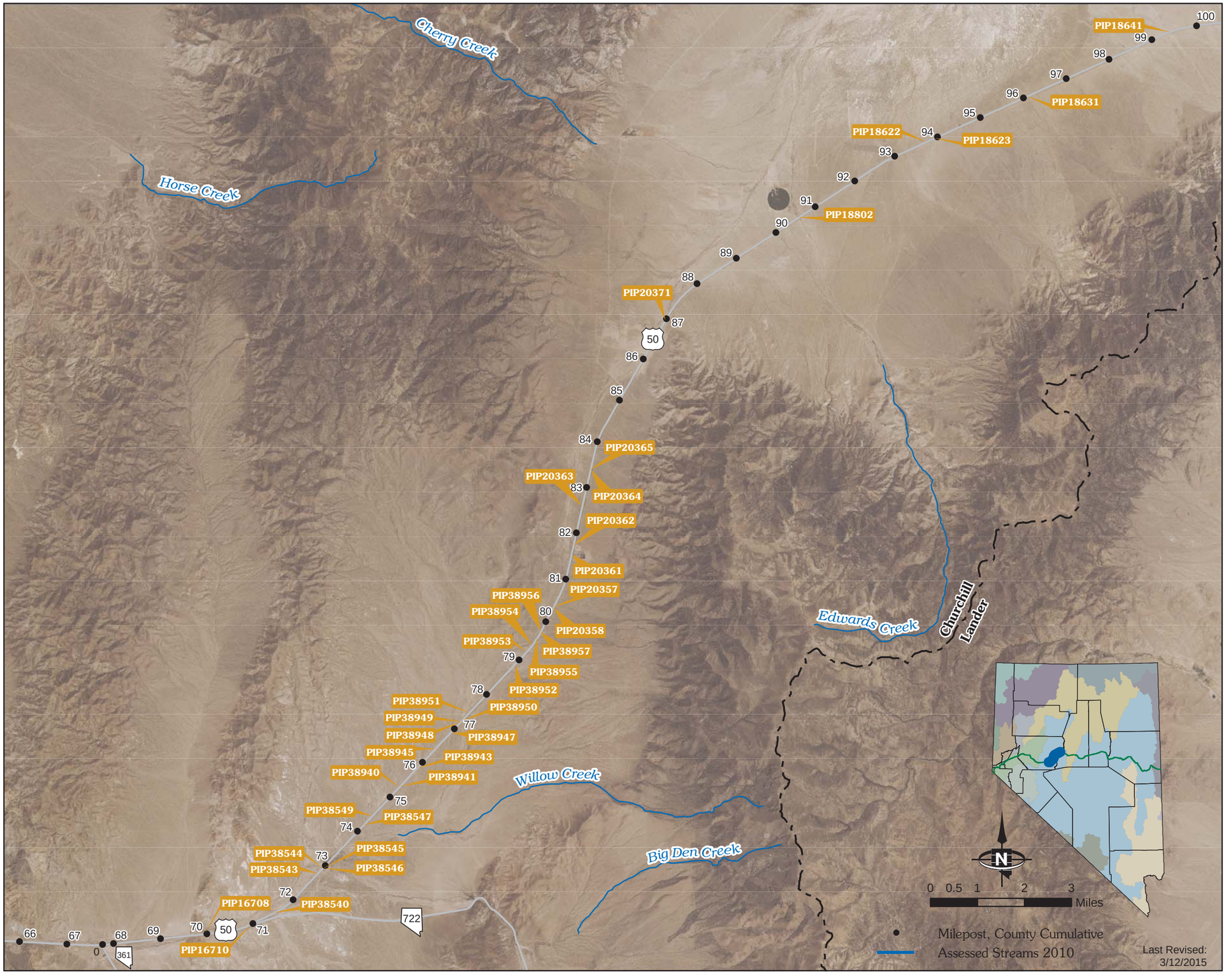
All Environmentally Reportable Facilities

US50 Corridor (SR 361 to MP 100 Churchill Co.)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP16708		144	96	Box
PIP16710		48	29	Arch
PIP18622	36			Circular
PIP18623	36			Circular
PIP18631	36			Circular
PIP18641	36			Circular
PIP18802	48			Circular
PIP20357	48			Circular
PIP20358	36			Circular
PIP20361	36			Circular
PIP20362	40			Circular
PIP20363				Circular
PIP20364		44	28	Elliptical
PIP20365		44	28	Elliptical
PIP20371	48			Circular
PIP38540	72			Circular
PIP38543	36			Circular
PIP38544		144	120	Box
PIP38545		144	120	Box
PIP38546		144	120	Box
PIP38547	42			Circular
PIP38549	60			Circular
PIP38940	36			Circular
PIP38941	36			Circular
PIP38943	60			Circular
PIP38945	114			Circular
PIP38947	48			Circular
PIP38948	48			Circular
PIP38949		78	68	Arch
PIP38950	48			Circular
PIP38951		78	68	Arch
PIP38952	36			Circular
PIP38953	48			Circular
PIP38954	48			Circular
PIP38955	36			Circular
PIP38956	48			Circular
PIP38957	36			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 50-A / US 95-A Corridor (US 50 TO SR 427)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
TJP9	60			Circular
TJP46		72	24	Box
TJP37	24			Circular
TJP11	48			Circular
TJP18	48			Circular
TJP23	36			Circular
TJP7	48			Circular
TJP34	36			Circular
TJP52				Other (see notes)
TJP50				Other (see notes)
TJP49				Other (see notes)
TJP43				Other (see notes)
TJP40				Other (see notes)
TJP39		168	36	Box
TJP36	24			Circular
TJP53				Other (see notes)
TJP38		192	36	Box
TJP27	36			Circular

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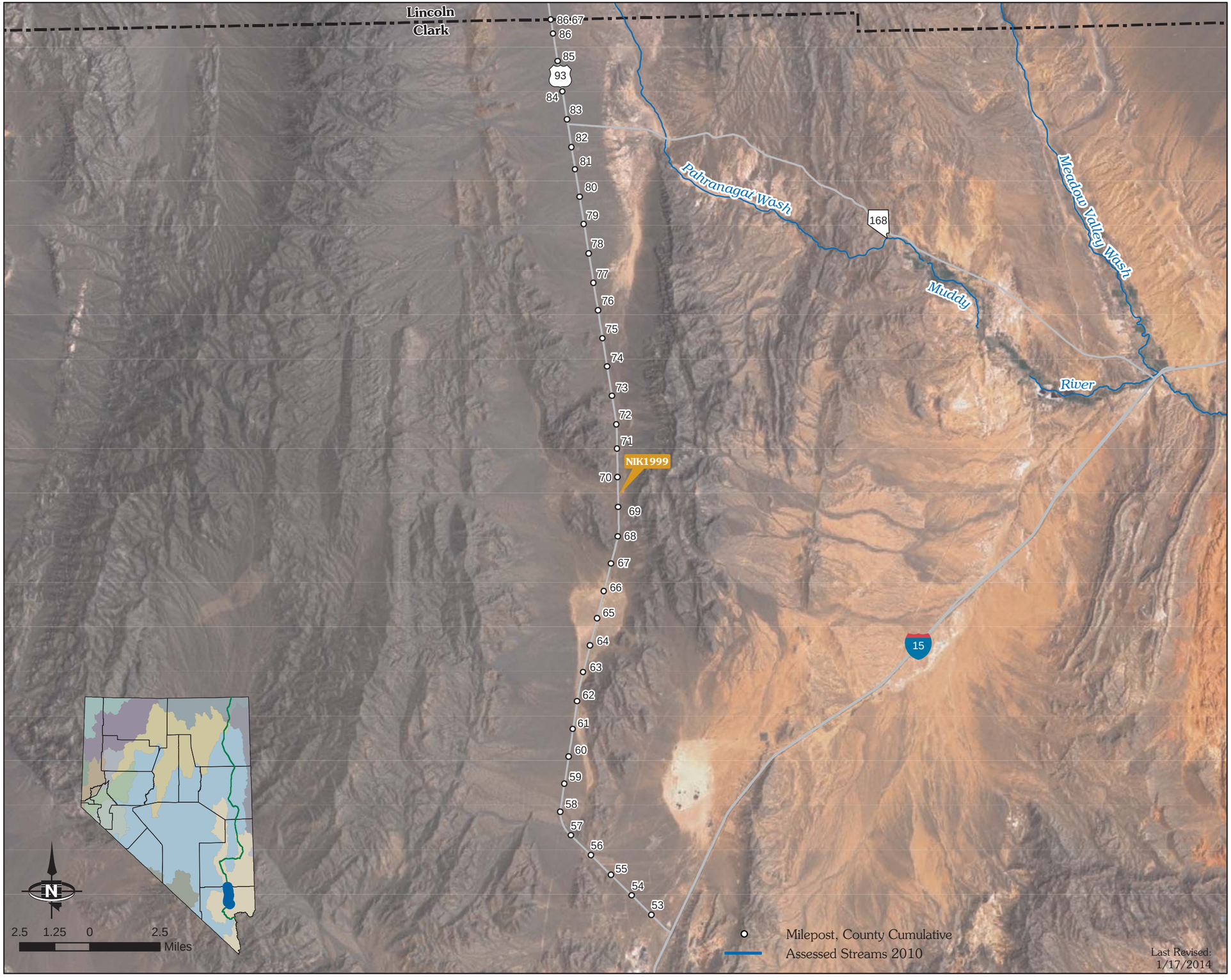
All Environmentally Reportable Facilities

US 93 Corridor (Clark County Line to I-15)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1999	24			Circular



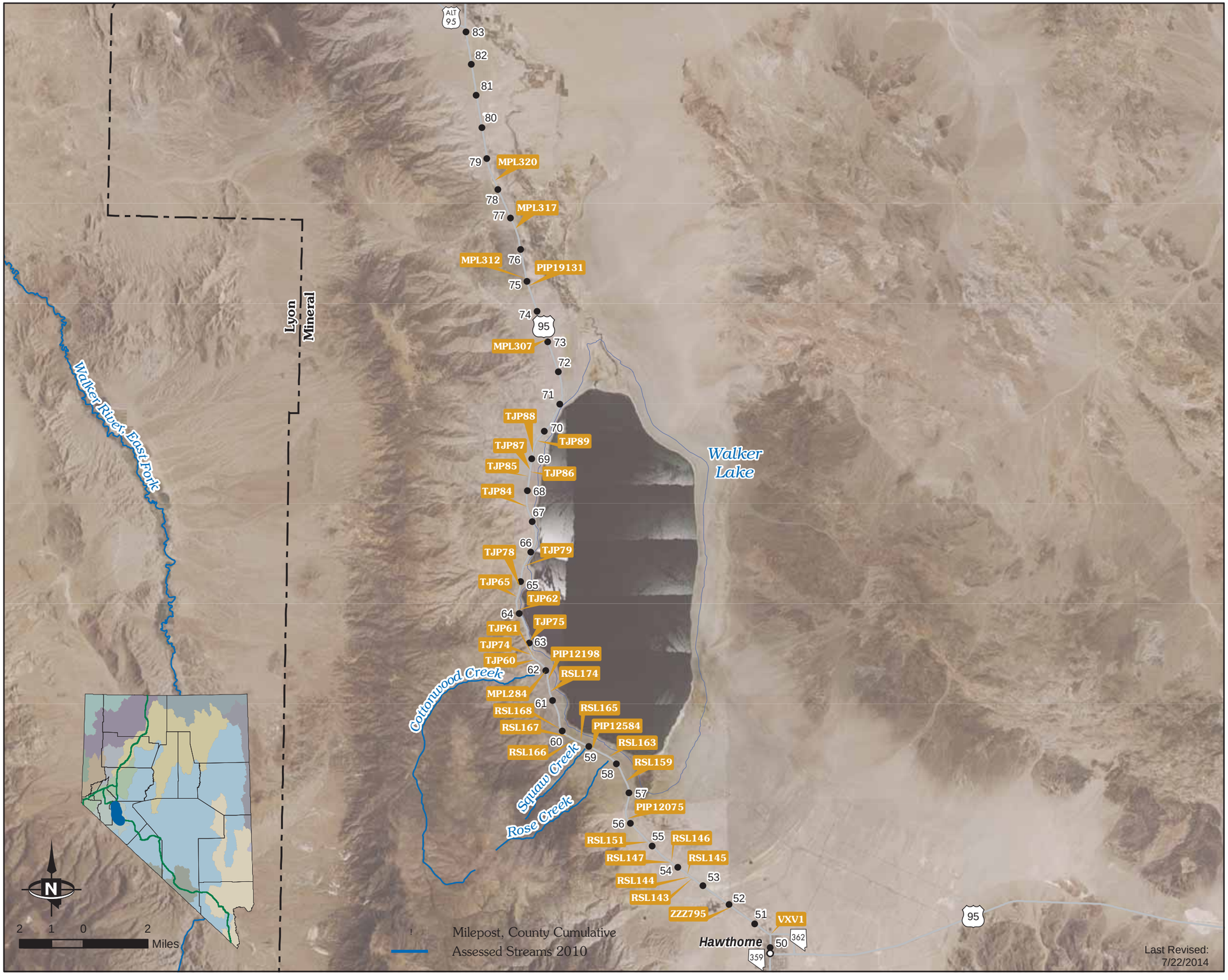
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 95 Corridor (Alt 95 to SR 359)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
RSL143	36			Circular
RSL144	36			Circular
RSL145		58	36	Box
RSL146				Other (see notes)
RSL147				Other (see notes)
RSL151		8	10	Box
PIP12075	48			Circular
RSL174	36			Circular
PIP12198	48			Circular
MPL284	36			Circular
RSL159	36			Circular
RSL163	36			Circular
PIP12584	48			Circular
RSL165	48			Circular
RSL166	48			Circular
RSL167	36			Circular
RSL168	48			Circular
ZZZ795	24			Circular
TJP60	36			Circular
TJP61	36			Circular
TJP62	36			Circular
TJP65	48			Circular
TJP74	36			Circular
TJP75	36			Circular
TJP78	48			Circular
TJP79	48			Circular
TJP84	60			Circular
TJP85	36			Circular
TJP86	48			Circular
TJP87	48			Circular
TJP88	36			Circular
TJP89	36			Circular
MPL307	42			Circular
MPL312	36			Circular
MPL317		120	84	Box
MPL320	36			Circular
VXV1	36			Circular
PIP19131		72	72	Box



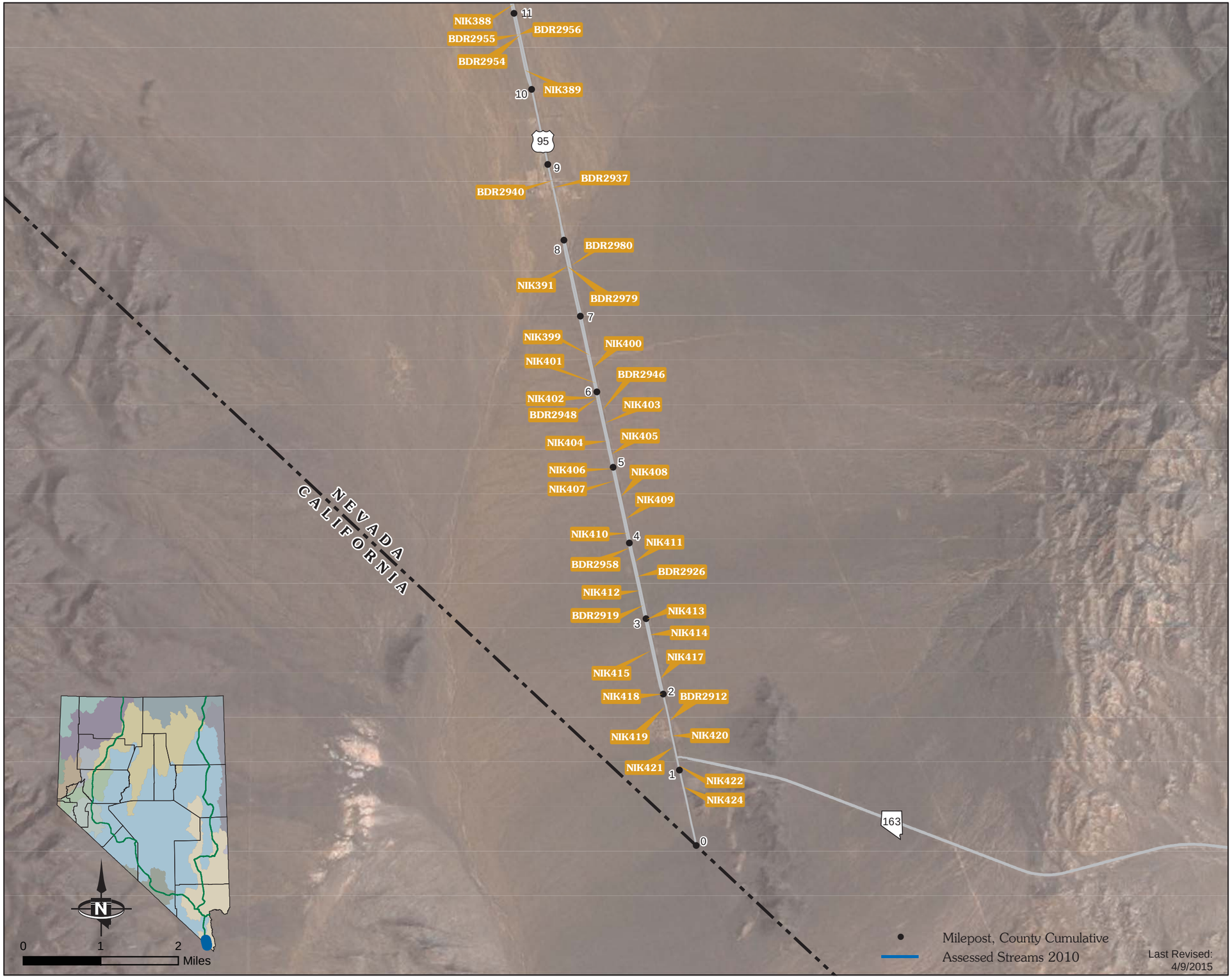
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 95 Corridor (CA State line to MP 11)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK402	42			Circular
NIK401	42			Circular
NIK400		72	48	Box
NIK399		72	48	Box
NIK391		144	48	Box
NIK389		35	24	Arch
NIK388	36			Circular
NIK424		144	60	Box
NIK422	36			Circular
NIK421		60	48	Box
NIK420	42			Circular
NIK419	36			Circular
NIK418	36			Circular
NIK417	36			Circular
NIK415		60	48	Box
NIK414	42			Circular
NIK413	48			Circular
NIK412	48			Circular
NIK411	48			Circular
BDR2958	48			Circular
NIK410	54			Circular
NIK409	48			Circular
NIK408	54			Circular
NIK407	48			Circular
NIK406	48			Circular
NIK405	42			Circular
NIK403		72	48	Box
NIK404	42			Circular
BDR2912	36			Circular
BDR2919	54			Circular
BDR2926	42			Circular
BDR2946	42			Circular
BDR2948		28	20	Arch
BDR2979		144	48	Box
BDR2980		144	48	Box
BDR2937		28	20	Arch
BDR2940		28	20	Arch
BDR2954	36			Circular
BDR2955	36			Circular
BDR2956	36			Circular



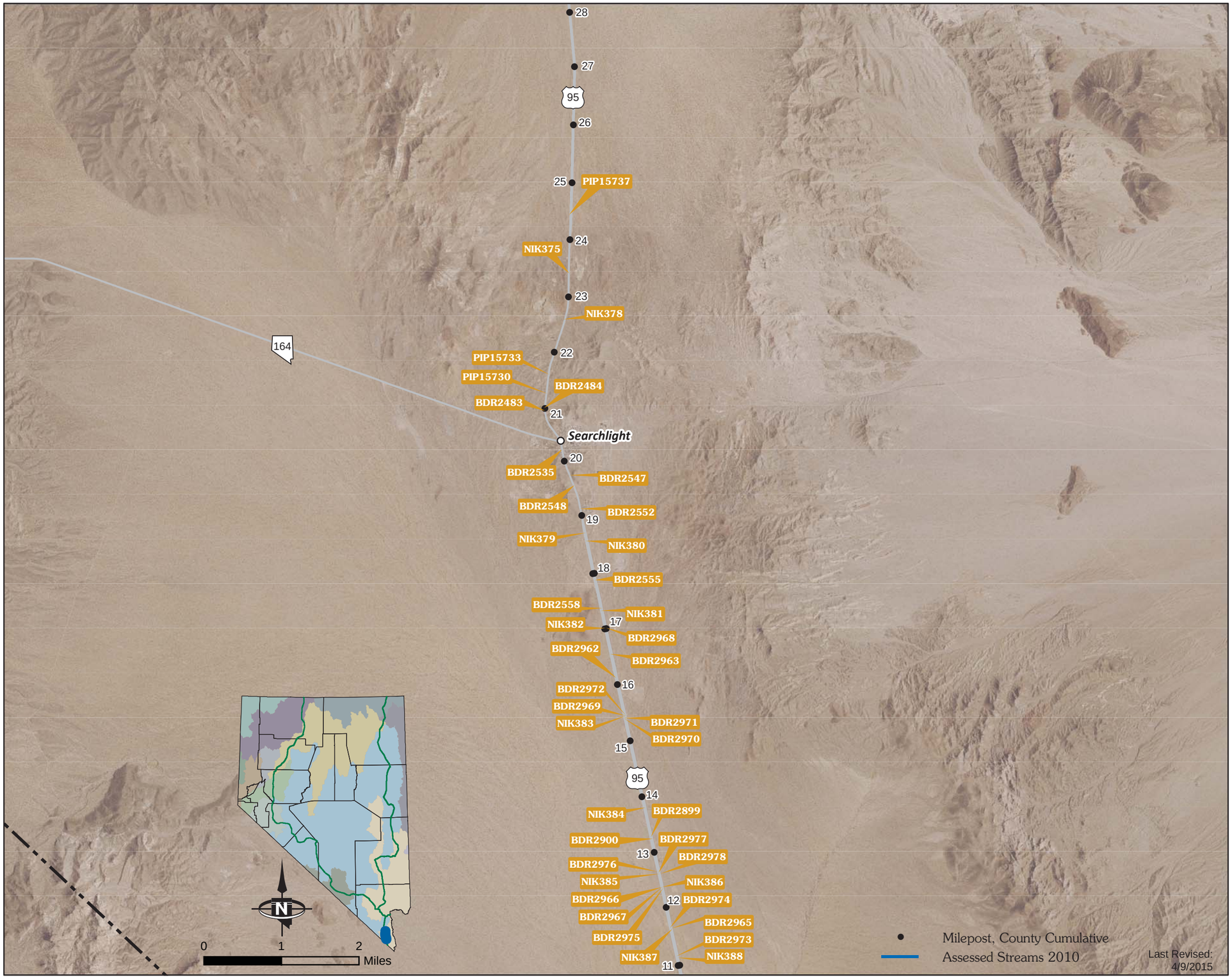
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 95 Corridor (MP 11 to MP 28)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK382		35	24	Arch
NIK381		120	60	Box
NIK380		57	38	Arch
NIK379	42			Circular
NIK378	36			Circular
NIK375	36			Circular
NIK388	36			Circular
NIK387	30			Circular
NIK386	24			Circular
NIK385	30			Circular
NIK384	36			Circular
NIK383		120	36	Box
BDR2547	36			Circular
BDR2548		48	48	Box
BDR2552		48	48	Box
BDR2555		35	24	Arch
BDR2558		120	60	Box
BDR2483		72	48	Box
BDR2484		48	48	Box
BDR2535		53	34	Elliptical
BDR2973	36			Circular
BDR2974	30			Circular
BDR2965		28	20	Arch
BDR2966	24			Circular
BDR2967	24			Circular
BDR2975	24			Circular
BDR2976		35	24	Arch
BDR2977		35	24	Arch
BDR2978	30			Circular
BDR2899	24			Circular
BDR2900	24			Circular
BDR2969		120	36	Box
BDR2970		120	36	Box
BDR2971		120	36	Box
BDR2972		120	36	Box
BDR2962		28	20	Arch
BDR2963	36			Circular
BDR2968		35	24	Arch
PIP15730	36			Circular
PIP15733		72	72	Box
PIP15737	36			Circular



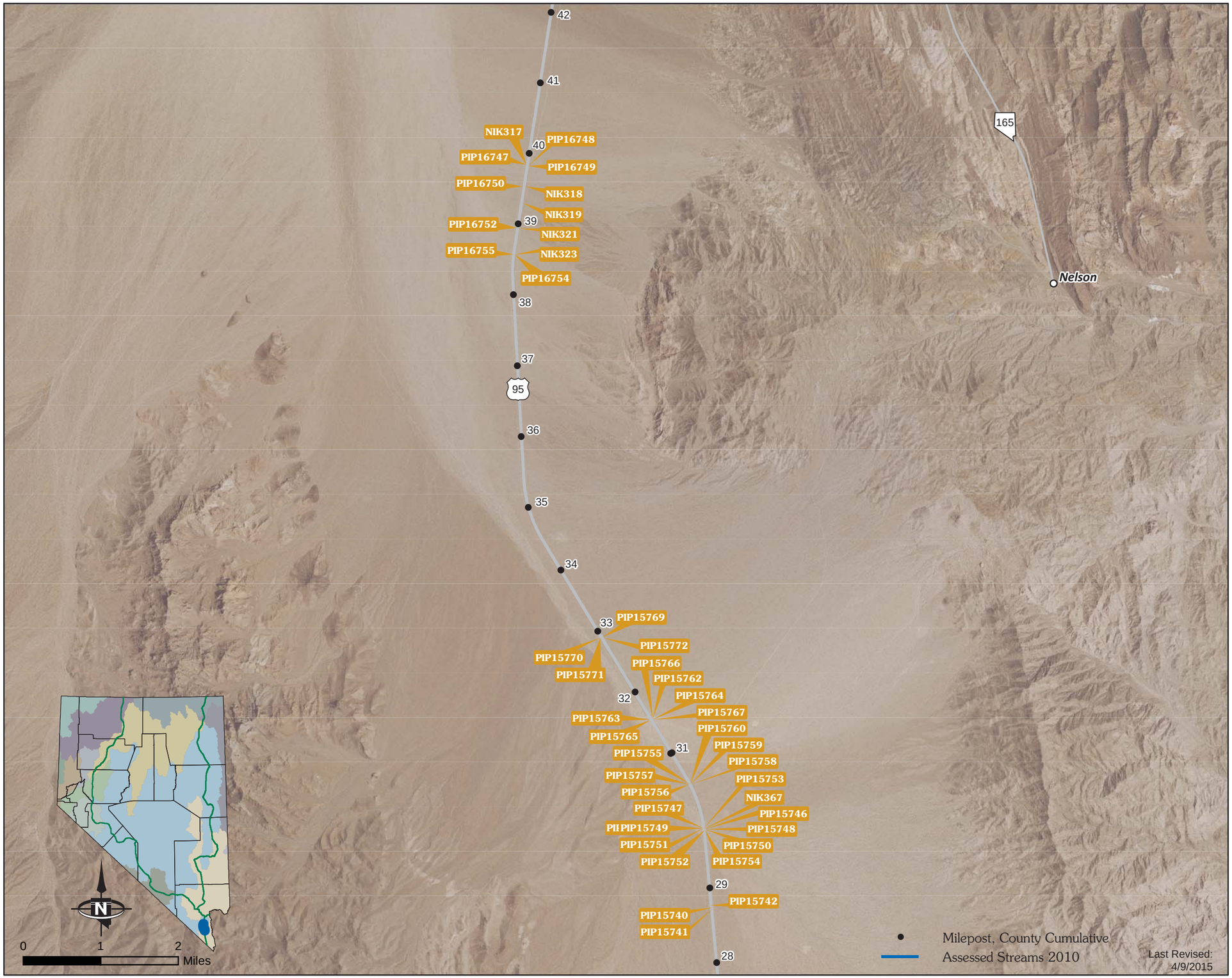
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 95 Corridor (MP 28 to MP 42)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK317		120	48	Box
NIK323		144	48	Box
NIK321		120	48	Box
NIK319		120	48	Box
NIK318		72	48	Box
NIK367		144	48	Box
PIP15740		144	48	Box
PIP15741		144	48	Box
PIP15742		144	48	Box
PIP15746		144	48	Box
PIP15747		144	48	Box
PIP15748		144	48	Box
PIP15749		144	48	Box
PIP15750		144	48	Box
PIP15751		144	48	Box
PIP15752		144	48	Box
PIP15753		144	48	Box
PIP15754		144	48	Box
PIP15755	18			Circular
PIP15756	18			Circular
PIP15757	18			Circular
PIP15758	18			Circular
PIP15759	18			Circular
PIP15760	18			Circular
PIP15762		144	48	Box
PIP15763		144	48	Box
PIP15764		144	48	Box
PIP15765		144	48	Box
PIP15766		144	48	Box
PIP15767		144	48	Box
PIP15769		144	48	Box
PIP15770		144	48	Box
PIP15771		144	48	Box
PIP15772		144	48	Box
PIP16747		120	48	Box
PIP16748		120	48	Box
PIP16749		120	48	Box
PIP16750		144	48	Box
PIP16752		120	48	Box
PIP16754		144	48	Box
PIP16755		144	48	Box



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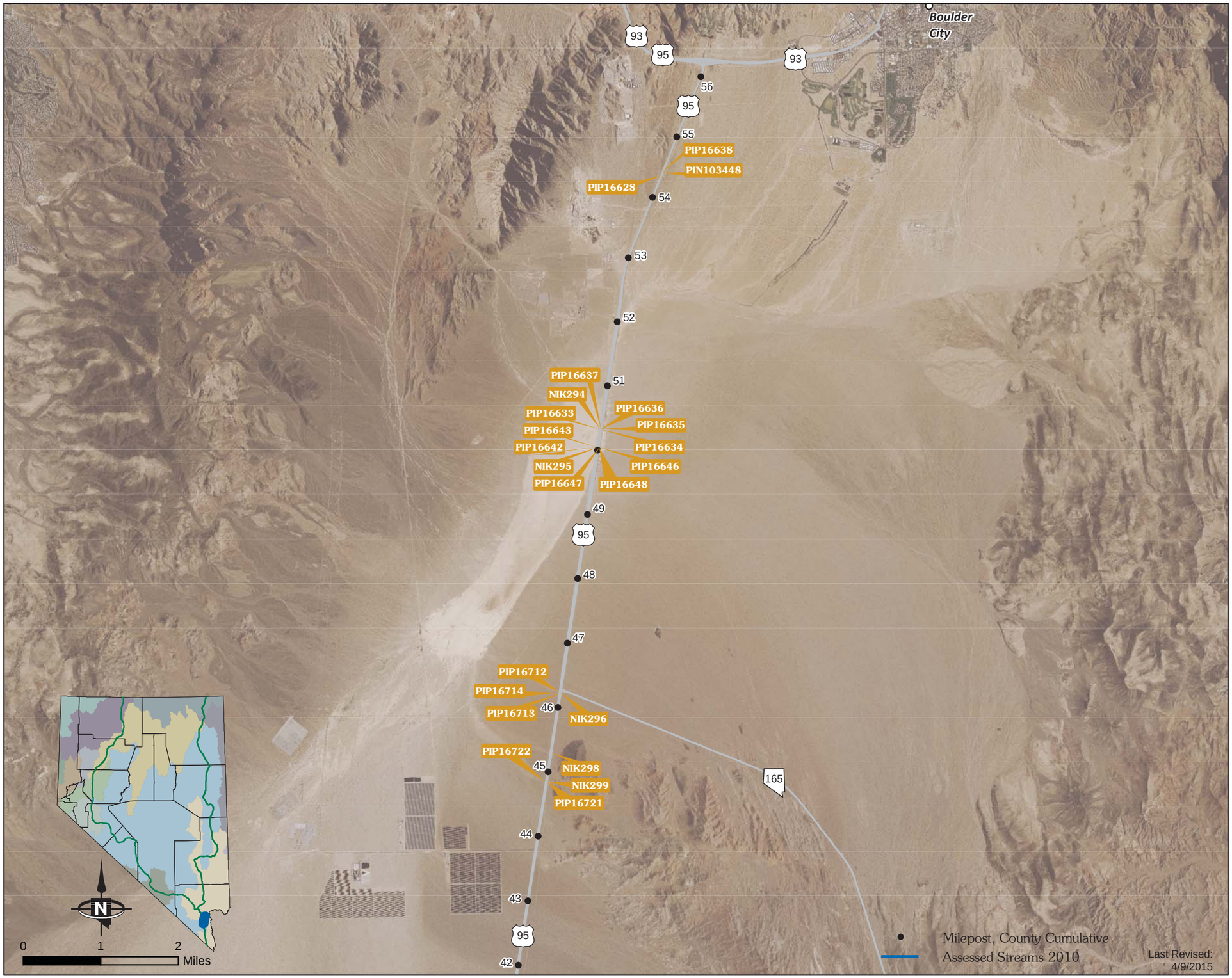
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 95 Corridor (MP 42 to US 93)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK295		120	48	Box
NIK294		120	48	Box
NIK296		120	36	Box
NIK299		120	48	Box
NIK298		96	36	Box
PIP16628		72	36	Box
PIP16633		120	48	Box
PIP16634		120	48	Box
PIP16635		120	48	Box
PIP16636		120	48	Box
PIP16637		120	48	Box
PIP16638		72	36	Box
PIP16642		120	48	Box
PIP16643		120	48	Box
PIP16646		120	48	Box
PIP16647		120	48	Box
PIP16648		120	48	Box
PIP16712		120	36	Box
PIP16713		120	36	Box
PIP16714		120	36	Box
PIP16721		120	48	Box
PIP16722		120	48	Box
PIN103448		72	36	Box



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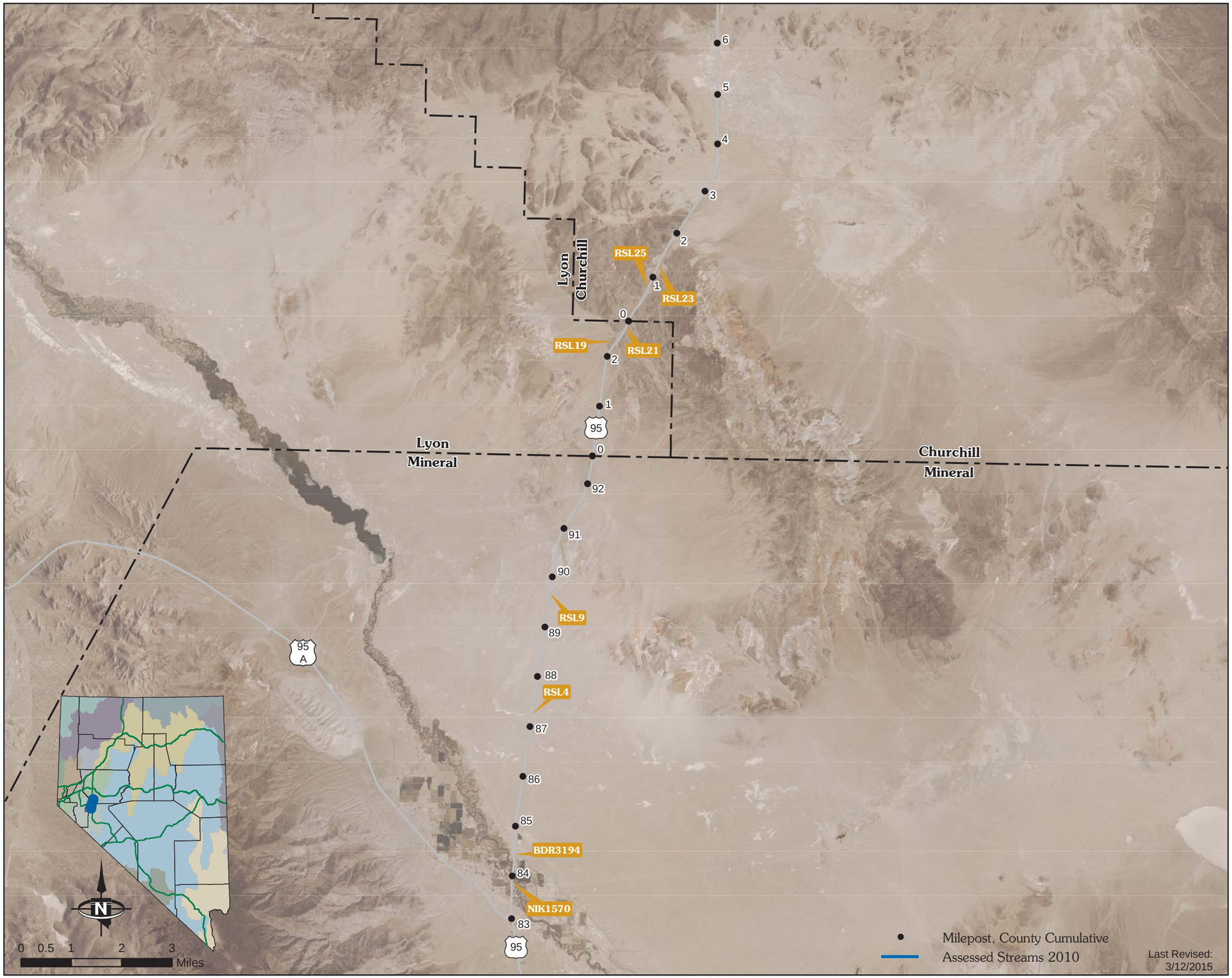
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 95 Corridor (MP 6 Churchill Co. To US 95A)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1570		36	36	Box
RSL4		72	48	Box
RSL9	36			Circular
RSL21	48			Circular
RSL25		65	40	Arch
RSL23		60	60	Box
BDR3194				Other (see notes)
RSL19		84	61	Arch



STATE OF NEVADA
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FACILITY INVENTORY

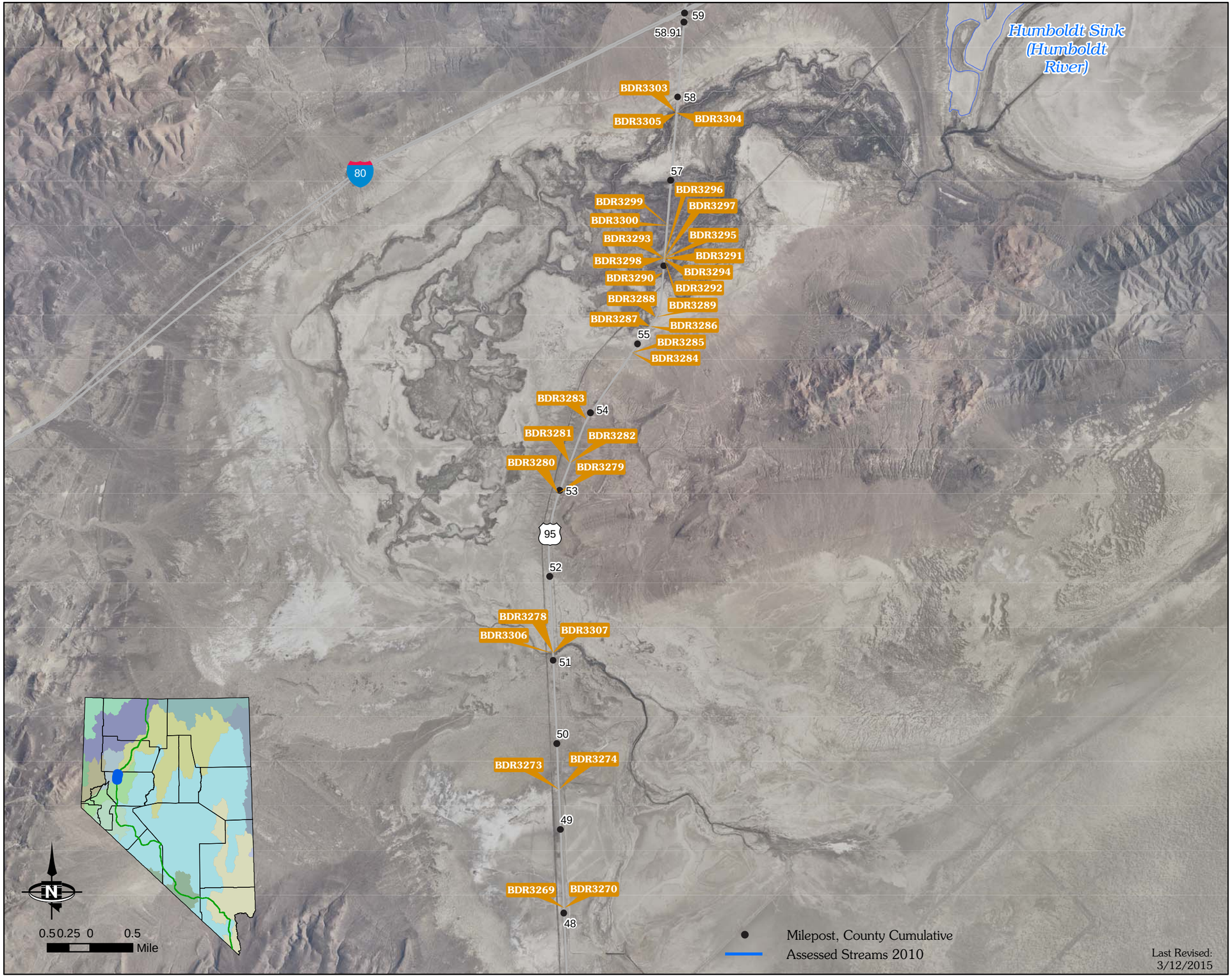
All Environmentally Reportable Facilities

US 95 Corridor (From US 50 To I-80) North

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
NIK1563		96	60	Box
NIK1566	36			Circular
BDR2660		72	36	Box
BDR2662	36			Circular
BDR2665	36			Circular
BDR2666		72	36	Box
BDR2672	36			Circular
BDR2674		120	48	Box
BDR2676	36			Circular
BDR2677	36			Circular
BDR2678	36			Circular
BDR2679	36			Circular
BDR2682	36			Circular
BDR2683	36			Circular
BDR2724		72	36	Box
BDR2726	36			Circular
BDR2727	36			Circular
BDR2730		96	48	Box
BDR2731	36			Circular
BDR2732	36			Circular
BDR2733		72	36	Box
BDR2736		120	60	Box
BDR2738		120	48	Box
BDR2739		120	48	Box
BDR2740		120	48	Box
BDR2744		120	48	Box
BDR2746		84	60	Box
BDR2747		84	60	Box
BDR2748		60	48	Box
BDR2749	36			Circular
BDR2750		84	48	Box



STATE OF NEVADA
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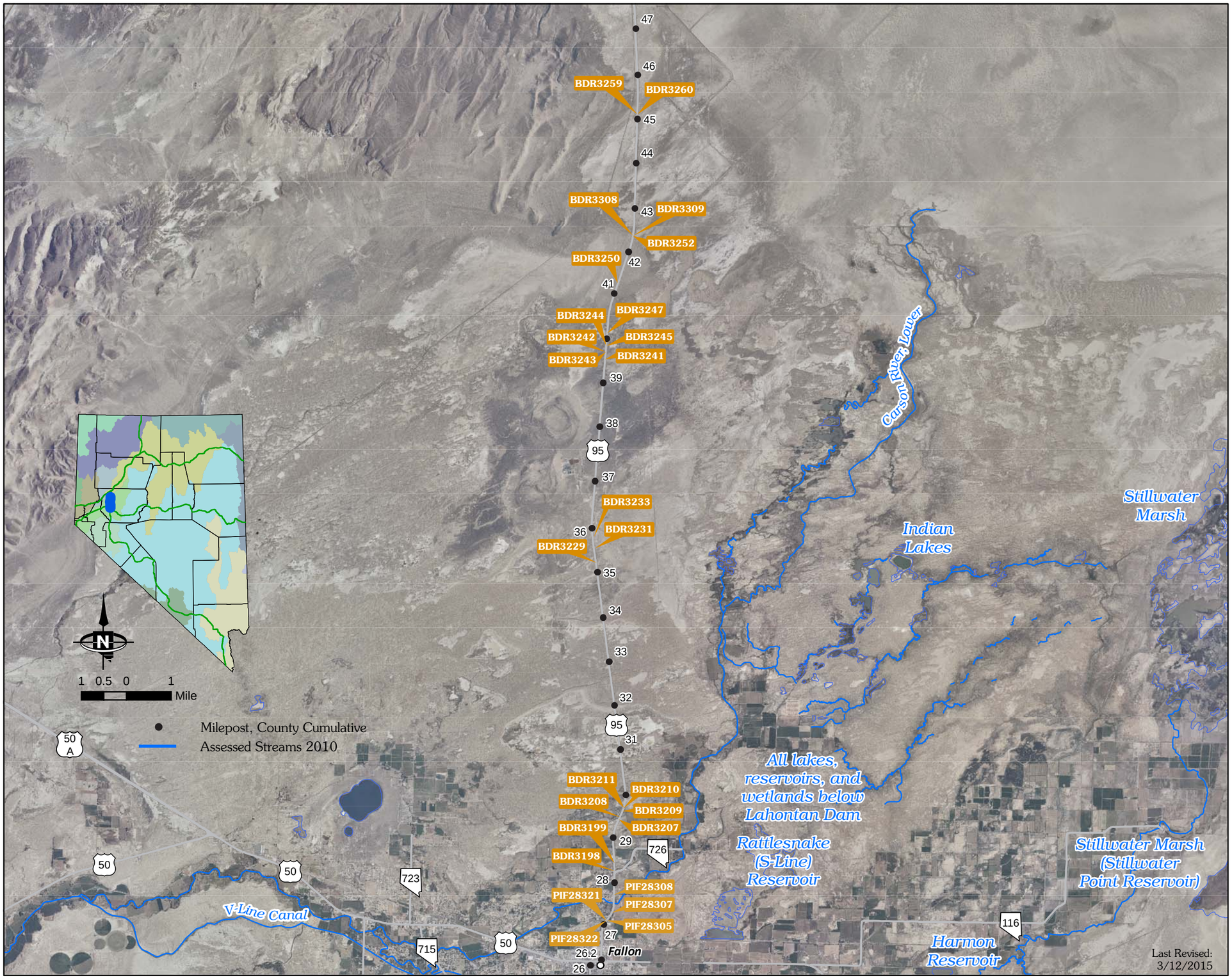
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 95 Corridor (From US 50 To I-80) South

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
NIK1563		96	60	Box
NIK1566	36			Circular
BDR2660		72	36	Box
BDR2662	36			Circular
BDR2665	36			Circular
BDR2666		72	36	Box
BDR2672	36			Circular
BDR2674		120	48	Box
BDR2676	36			Circular
BDR2677	36			Circular
BDR2678	36			Circular
BDR2679	36			Circular
BDR2682	36			Circular
BDR2683	36			Circular
BDR2724		72	36	Box
BDR2726	36			Circular
BDR2727	36			Circular
BDR2730		96	48	Box
BDR2731	36			Circular
BDR2732	36			Circular
BDR2733		72	36	Box
BDR2736		120	60	Box
BDR2738		120	48	Box
BDR2739		120	48	Box
BDR2740		120	48	Box
BDR2744		120	48	Box
BDR2746		84	60	Box
BDR2747		84	60	Box
BDR2748		60	48	Box
BDR2749	36			Circular
BDR2744		84	48	Box
PIF28321		192	120	Box
PIF28308		72	36	Box
PIF28307	36			Circular
PIF28305		192	120	Box
PIF28322		192	120	Box



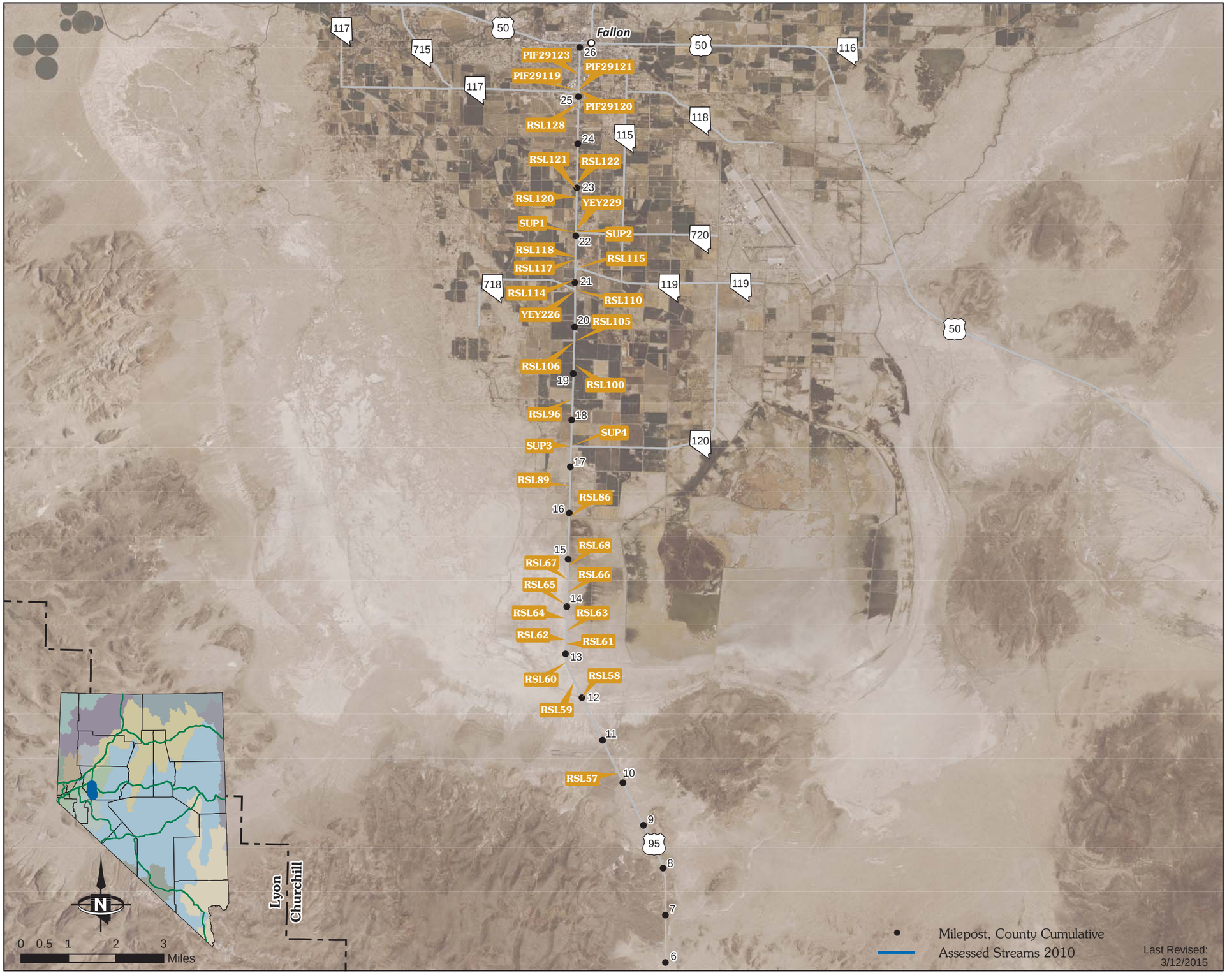
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 95 Corridor (US 50 To MP 6 Churchill Co.)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
RSL57	48			Circular
RSL58		68	43	Elliptical
RSL59		30	19	Elliptical
RSL60		30	19	Elliptical
RSL61		30	19	Elliptical
RSL62		30	19	Elliptical
RSL63		30	19	Elliptical
RSL64		53	34	Elliptical
RSL65		30	19	Elliptical
RSL66		30	19	Elliptical
RSL67		30	19	Elliptical
RSL68		30	19	Elliptical
RSL100		72	24	Box
RSL105		50	31	Arch
RSL106		50	31	Arch
RSL110		50	31	Arch
RSL114	42			Circular
RSL115		72	44	Arch
RSL117		50	31	Arch
RSL118	42			Circular
RSL120	36			Circular
RSL121		96	36	Box
RSL122	36			Circular
RSL128		50	31	Arch
RSL86		50	31	Arch
RSL89		50	31	Arch
RSL96		72	36	Box
YEY226	36			Circular
YEY229		50	31	Arch
SUP1		48	54	Box
SUP2		48	54	Box
SUP4		60	36	Box
SUP3		144	48	Box
PIF29119		144	96	Box
PIF29120		144	96	Box
PIF29121		144	96	Box
PIF29123	36			Circular



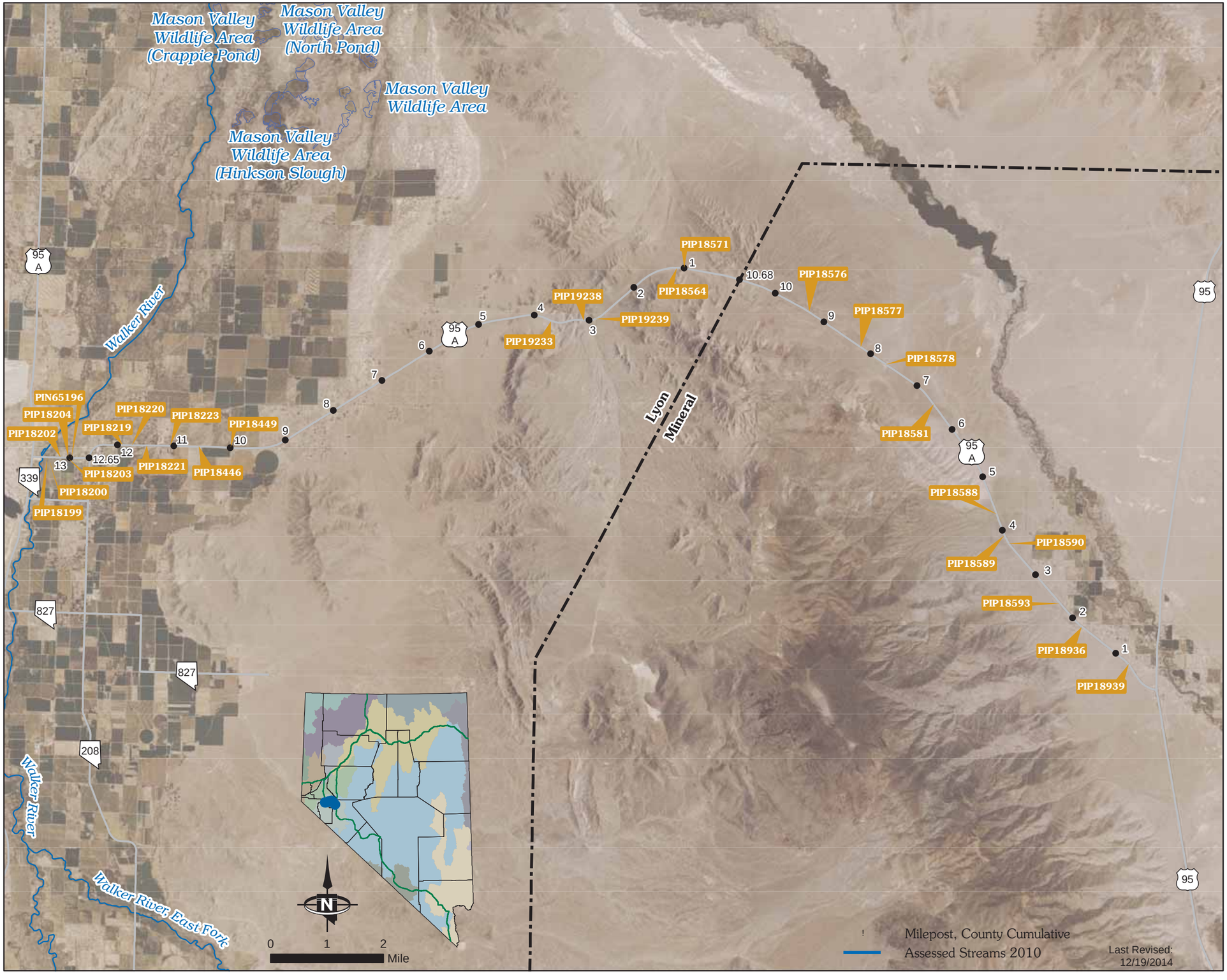
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 95A Corridor (SR 339 to US 93)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP18199	36			Circular
PIP18200		120	48	Arch
PIP18202	60			Circular
PIP18203	18			Circular
PIP18204	18			Circular
PIP18219	36			Circular
PIP18220	44			Circular
PIP18221		48	24	Arch
PIP18223		48	36	Arch
PIP18446		44	27	Arch
PIP18449	36			Circular
PIP18564	42			Circular
PIP18571	36			Circular
PIP18576	60			Circular
PIP18577	48			Circular
PIP18578	48			Circular
PIP18581	36			Circular
PIP18588		114	80	Arch
PIP18589	48			Circular
PIP18590	48			Circular
PIP18593		84	36	Arch
PIP18936		83	36	Arch
PIP18939	36			Circular
PIP19233		200	122	Arch
PIP19238	48			Circular
PIP19239	36			Circular
PIN65196		30	19	Elliptical



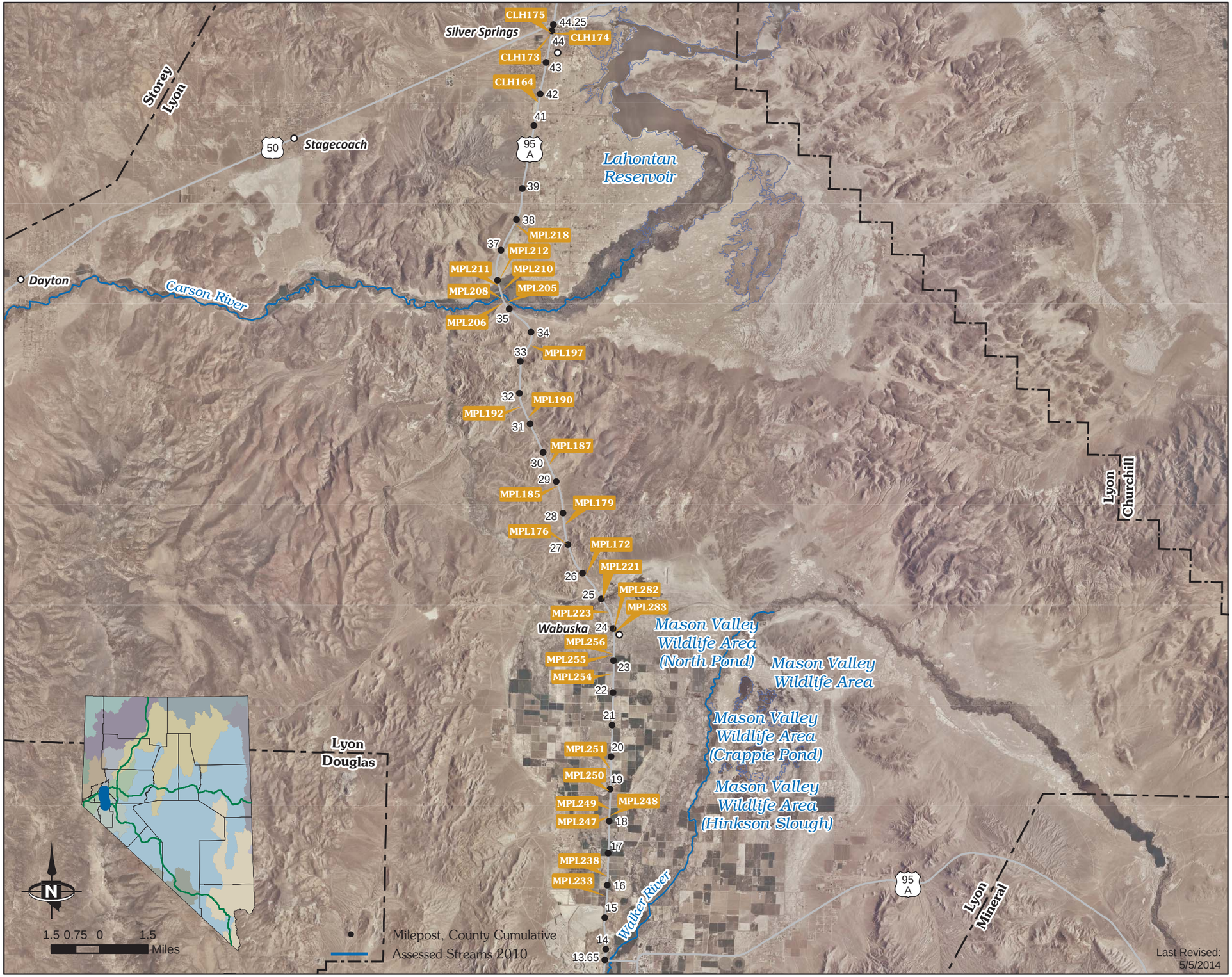
STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 95A Corridor (MP 13.65 TO MP 44.25) Lyon Co.

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
MPL210		72	36	Box
MPL211		72	48	Box
MPL212	36			Circular
MPL176	42			Circular
MPL179	48			Circular
MPL172		36	36	Box
MPL185		72	72	Box
MPL187	48			Circular
MPL190	42			Circular
MPL192	36			Circular
MPL197		72	72	Box
MPL205	36			Circular
MPL206	48			Circular
MPL208		120	60	Box
CLH164		48	36	Box
MPL218	48			Circular
CLH173		84	48	Box
CLH174		84	48	Box
CLH175		48	36	Box
MPL247	24			Circular
MPL248	24			Circular
MPL249	48			Circular
MPL250		84	48	Box
MPL251	36			Circular
MPL254		42	27	Arch
MPL256	48			Circular
MPL255	48			Circular
MPL282		29	18	Arch
MPL283		29	18	Arch
MPL221	48			Circular
MPL223				Other (see notes)
MPL233	36			Circular
MPL238		540	120	Box



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 395 Corridor (SR 430 to I-80)

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIPS24095	18			Circular
PIP29297	24			Circular
PIP29298	24			Circular
PIP29299	24			Circular
PIP29303	48			Circular
PIP29306	48			Circular
PIP29310	72			Circular
PIP29718	36			Circular
PIP29727		120	84	Box
PIP29728		120	84	Box
PIP29789	42			Circular
PIP29794	36			Circular
PIPS26111	15			Circular
PIPS26113	15			Circular
PIPS26114	15			Circular
PIPS26137	18			Circular
PIPS26297	18			Circular
PIPS26298	15			Circular
PIPY26305	15			Circular
PIPS26308	12			Circular
PIPS26309	12			Circular
PIPS26310	12			Circular
PIPS26312	18			Circular
PIPS26349	18			Circular

STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

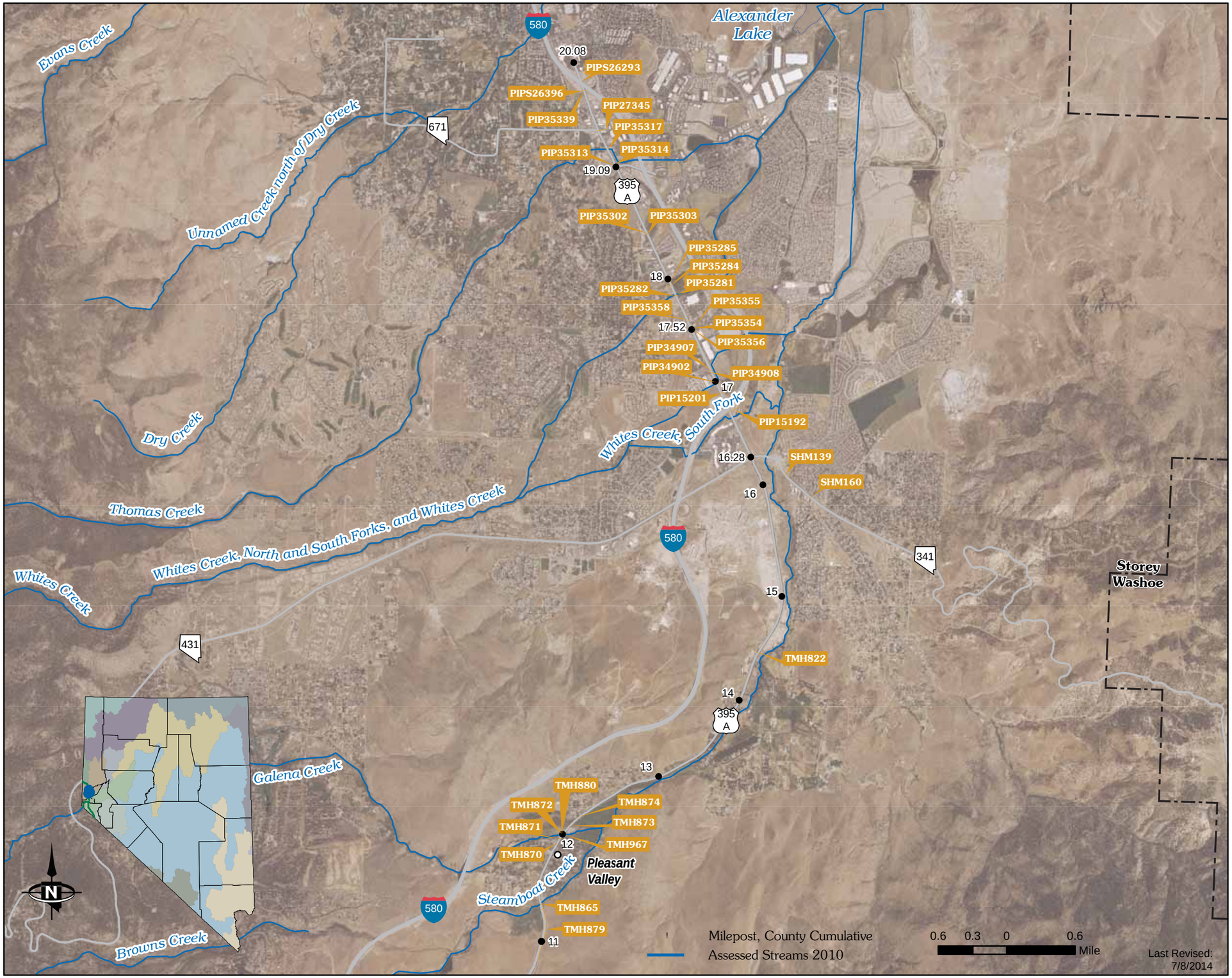
All Environmentally Reportable Facilities

US 395A Corridor (North)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
SHM160	0	36	36	Box
SHM139	0	108	36	Box
TMH865	0	144	72	Box
TMH870	36	0	0	Circular
TMH871	36	0	0	Circular
TMH872	0	120	60	Box
TMH873	36	0	0	Circular
TMH874	36	0	0	Circular
TMH879	42	0	0	Circular
TMH967	0	120	60	Box
TMH822	60	0	0	Circular
TMH880	0	120	60	Box
PIP15192	0	144	96	Box
PIP15201	36	0	0	Circular
PIP27345	36			Circular
PIPS26293	48			Circular
PIPS26396	36			Circular
PIP34902	36			Circular
PIP34907		48	36	Box
PIP34908	36			Circular
PIP35281	24			Circular
PIP35282		72	24	Box
PIP35284	24			Circular
PIP35285	24			Circular
PIP35302	36			Circular
PIP35303	24			Circular
PIP35313	48			Circular
PIP35314	48			Circular
PIP35317		120	36	Box
PIP35339	36			Circular
PIP35354	24			Circular
PIP35355	24			Circular
PIP35356	24			Circular
PIP35358		72	48	Box



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

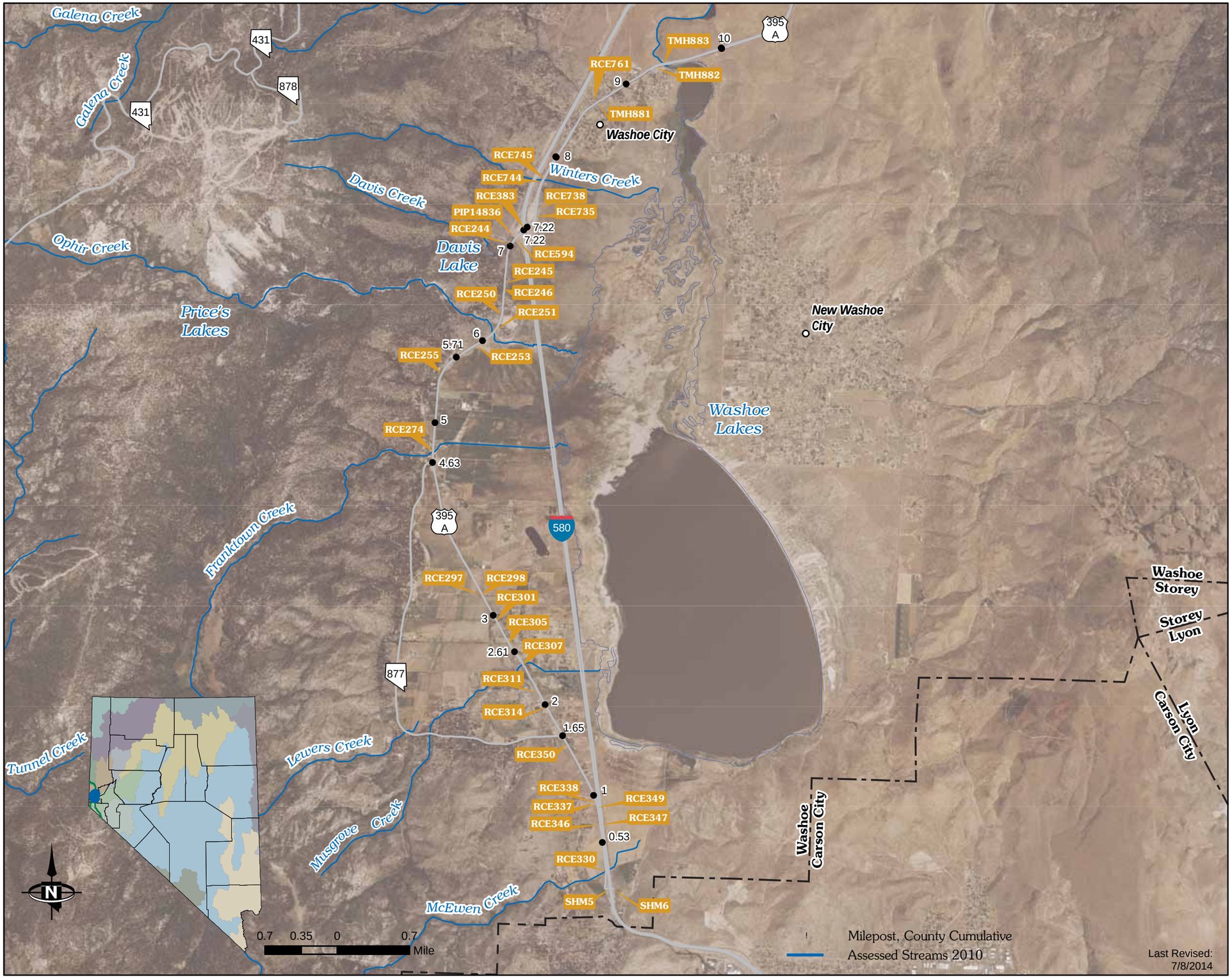
All Environmentally Reportable Facilities

US 395A Corridor (South)

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
SHM5	0	29	18	Arch
SHM6	0	29	18	Arch
RCE330	0	72	48	Box
RCE274	0	144	48	Box
RCE297	24	0	0	Circular
RCE298	24	0	0	Circular
RCE301	0	156	72	Box
RCE305		108	72	Box
RCE307	0	84	72	Box
RCE311	0	72	48	Box
RCE314	0	60	60	Box
RCE337	0	36	22	Arch
RCE338	0	36	22	Arch
RCE346	0	35	24	Arch
RCE347	0	28	20	Arch
RCE348	0	42	29	Arch
RCE349	18	0	0	Circular
RCE350		50	31	Arch
RCE383	36	0	0	Circular
RCE244	0	120	24	Box
RCE245	48	0	0	Circular
RCE246	48	0	0	Circular
RCE250	36	0	0	Circular
RCE251	0	132	36	Box
RCE253	36	0	0	Circular
RCE255	36	0	0	Circular
RCE594	48	0	0	Circular
RCE735	54			Circular
RCE738	60	0	0	Circular
RCE744	36	0	0	Circular
RCE745	0	96	48	Box
RCE761	36	0	0	Circular
TMH881	0	48	36	Box
TMH882	36	0	0	Circular
TMH883	0	120	120	Box
TMH879	42	0	0	Circular
PIP14836	48	0	0	Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

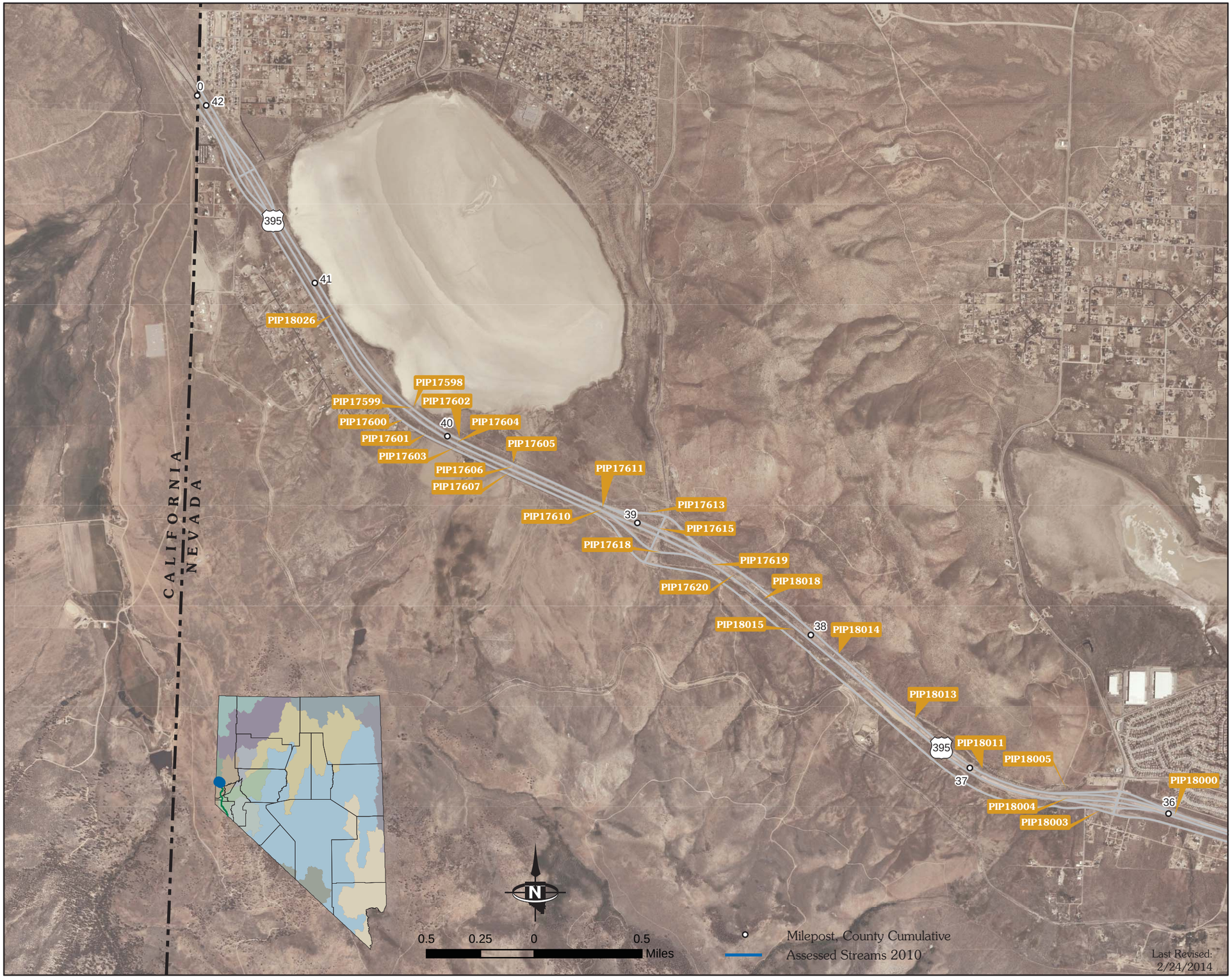
All Environmentally Reportable Facilities

US 395 Corridor (State line to SR 430) North

D: Diameter W: Width H: Height

Reportable Outfalls

ID	D (in)	W (in)	H (in)	Config.
PIP17598		60	48	Box
PIP17599		60	48	Box
PIP17600		72	24	Box
PIP17601		72	24	Box
PIP17602		72	36	Box
PIP17603		72	36	Box
PIP17604	24			Circular
PIP17605		120	96	Box
PIP17606	36			Circular
PIP17607		70	24	Box
PIP17610	60			Circular
PIP17611				Other (see notes)
PIP17613	60			Circular
PIP17615	60			Circular
PIP17618	60			Circular
PIP17619		72	48	Box
PIP17620	48			Circular
PIP18000	60			Circular
PIP18003	42			Circular
PIP18004	48			Circular
PIP18005	48			Circular
PIP18011	42			Circular
PIP18013	48			Circular
PIP18014	36			Circular
PIP18015	48			Circular
PIP18018	48			Circular
PIP18026	48			Circular



STATE OF NEVADA
HYDRAULIC
FACILITY INVENTORY

All Environmentally Reportable Facilities

US 395 Corridor (State line to SR 430) South

D: Diameter W: Width H: Height

Reportable Outfalls				
ID	**D (in)**	**W (in)**	**H (in)**	**Config.**
PIP17598		60	48	Box
PIP17599		60	48	Box
PIP17600		72	24	Box
PIP17601		72	24	Box
PIP17602		72	36	Box
PIP17603		72	36	Box
PIP17604	24			Circular
PIP17605		120	96	Box
PIP17606	36			Circular
PIP17607		70	24	Box
PIP17610	60			Circular
PIP17611				Other (see notes)
PIP17613	60			Circular
PIP17615	60			Circular
PIP17618	60			Circular
PIP17619		72	48	Box
PIP17620	48			Circular
PIP18000	60			Circular
PIP18003	42			Circular
PIP18004	48			Circular
PIP18005	48			Circular
PIP18011	42			Circular
PIP18013	48			Circular
PIP18014	36			Circular
PIP18015	48			Circular
PIP18018	48			Circular
PIP18026	48			Circular

APPENDIX F

Stormwater Management Program Outreach and Education

Drainage and Flooding

It's not uncommon for many areas of the City to experience street flooding during heavy rainfall. Normally, the water will drain in a relatively short time, but if there are obstructions and blockages in the drainage systems, more serious flooding may occur.

Residents are encouraged to keep debris out of ditches and pipes. Litter, leaves, lawn clippings and pine needles all contribute to problems with drainage systems. When residents periodically clean the ditches and driveway pipes around their property, stormwater runoff is allowed to drain away from streets, homes and businesses.

Reporting Contamination and Illicit Discharges

Help us keep Nevada clean! If you observe contamination of our storm drains or waterways, please write down the location, date, time, a description of the suspects and their license plate number and call spill hotline number to report the incident 775-888-7013.
http://www.nevadadot.com/StormWater/Illicit_Discharge_Reporting.aspx

Speaker's Bureau

Do you have a Civic League, neighborhood group or other organization that would like to hear more about stormwater in your neighborhood? NDOT has many experts available to speak at your meeting. To book a speaker, please contact a stormwater expert at 775-888-7889.

Why Save Water?

Besides saving money, water conservation can help prevent pollution. Using less water reduces run-off and leaves more water in streams or lakes, which protects existing ecosystems such as wetlands and water supplies. Reduced water usage may extend the life of existing sewage treatment plants and can eliminate the need for new water supplies which are expensive to locate and build.

How Much Water Are We Using?

The Average American uses 60 gallons of water a day. That does not include car washing, lawn watering and other outdoor uses. Flushing the toilet, bathing and washing clothes are the largest uses of water in the home.

Conservation Measures

Check faucets, hoses, and toilets for leaks. Turn off hoses and connecting faucets when not in use. This will also preserve equipment and avoid leaks. Inspect your water pipes periodically for pinhole leaks and leaks in connections. Repair leaks as soon as possible. Don't over fill the bathtub. Take shorter showers. Install water saving toilets and shower heads. Don't let the water run when brushing your teeth or shaving. Keep a bottle of drinking water in the refrigerator so you don't need to run the tap water for cold water.

NEVADA DOT

Stormwater Management Section

A citizen's guide for the Stormwater Management Program

www.nevadadot.com

What is Stormwater?

Stormwater is rainfall or snow melt that runs off surfaces such as roads, compacted ground surfaces and rooftops. As the stormwater runoff moves, it can pick up and carry away natural and man-made pollutants such as fertilizers and animal waste. Eventually, the runoff deposits the pollutants into lakes, rivers, wetlands, coastal waters and even our underground sources of drinking water. This is called non-point source pollution.

Sewer System vs Storm Water Drain

Sewer systems and storm water drains are two different things. The water that goes down a sink or toilet flows to a wastewater treatment plant where it is treated and filtered. Water that flows down driveways and streets into a gutter is not treated and goes into a storm drain that flows directly to a lake, river or stream.

Pollutants Harm our Water

We rely on clean water to drink, to support wildlife, to fill our lakes and creeks and to wash up onto the shores of our beaches. Pollutants can contaminate clean drinking water sources, kill off local wildlife and close rivers, lakes and creeks.

Common Stormwater Pollutants

There are a variety of contaminants that can easily pollute our stormwater. Rain picks up oil and grit left on the roads; sprinklers wash pesticides, fertilizers and weed killers from our gardens and lawns; washing the car carries detergents, oils and grease from the driveway and into our waterways.

Motor Oil - Four quarts of motor oil can create an 8-acre oil slick and contaminate a million gallons of drinking water.

Antifreeze - Antifreeze is a toxic pollutant that can kill not only aquatic life but also pets when they drink from contaminated puddles.

Pesticides - The use of harmful chemicals on your lawn can be reduced with proper mowing, fertilizing and watering. Apply pesticides only in areas where needed and only in directed amounts.

Animal Waste - Pet and other animal waste is raw sewage that releases bacteria and oxygen-consuming materials into our waterways. Pet owners should always “scoop the poop”.

Soaps and Detergents - Detergents are pollutants that contain phosphorus which contributes to algae blooms. Algae blooms deplete waterways of oxygen and can cause fish to die.

Yard Debris - Yard waste (grass clippings and leaves) is a pollutant that releases bacteria, oxygen-consuming materials, phosphorus and nitrogen into our waterways. It also clogs storm drains, which contributes to flooding. If necessary, bag yard waste in clear plastic bags and place at the curbside on your regular garbage collection day.

Preventing Stormwater Pollution

Pollution is a problem but YOU can be the solution! There are many ways you can help prevent stormwater pollution.

- Don’t dump waste, including organic material such as leaves and grass clippings, in storm drains.
- Inspect and maintain your car to prevent oil and antifreeze leaks.
- Dispose of household chemicals properly.
- Take motor oil, antifreeze, oil-based paint, paint thinner, varnishes and solvents to a recycling station.
- Use kitty litter to clean up leaks and spills. Never hose spills into the gutter.
- Buy household and garden products that are environmentally safe.
- Do not apply lawn or garden products when rain is forecast.
- Avoid over-fertilizing your lawn by testing your soil first to find out how much of which nutrient it needs.
- “Scoop the poop” by discarding pet waste in the garbage or flushing down the toilet.

Benefits of Stormwater Management:

- A decrease in flooding. This means more safety and less property damage.
- Improved surface water quality results in an increase of recreation and tourism.
- Improved drinking water quality.
- Improved wetland and estuary habitats for waterfowl and other animal life.
- Preservation of natural resources for future generations.
- Increased viability for multiple fish species, and the preservation of the industry.

Our Mission:

The NDOT Water Quality Section uses resources and education to maintain adherence to strict environmental regulations. The mandates set forth are critical, as the success of future generations depends on adherence to the clean practices of today.

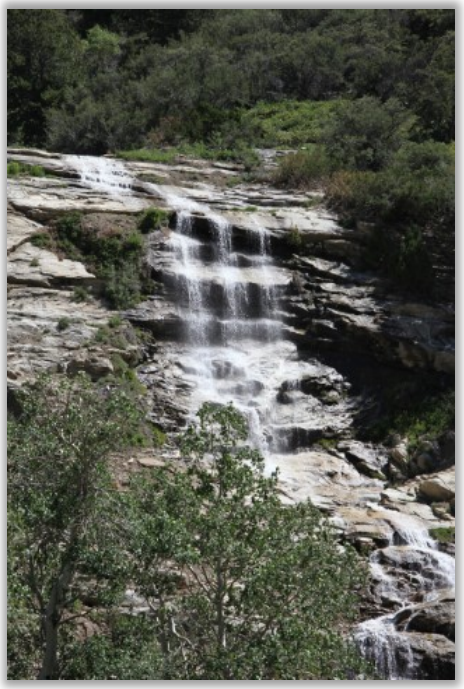
Because we strive for complete compliance throughout the state of Nevada, the eyes and ears of every hardworking employee is crucial for the overall success of this program.

Should you have any questions or concerns, or would like to report an environmental hazard, contact your district Water Quality Section representative for guidance:

The Nevada Department of Transportation

Water Quality Section,

wants you to know…



NEVADA DOT

It's Everybody's Responsibility!

What is Stormwater?

Stormwater is surface flow water from precipitation that accumulates in and flows through natural and/or man-made conveyance systems during and immediately following a storm event.

How does NDOT Maintain Water Quality?

- Protect inlet and outlet flows using modernized products; pollutants can always be prevented from reaching the stormwater system in the first place.
- Maintenance facilities throughout Nevada have undergone numerous upgrades and additions to comply with federal regulations.
- Employees remain vigilant to observe, report, and maintain adherence to our stormwater policies and procedures.
- NDOT works together with other municipalities to maintain a widespread and effective water quality program; maintaining uniformity throughout the various entities.
- NDOT inspectors work closely with contractors large and small, to ensure proper practices are utilized on each project that is executed.

Utilize BMPs

"Best Management Practices (BMPs) is a term used to describe a type of water pollution control. Stormwater BMPs are techniques, measures or structural controls used to manage the quantity and improve the quality of stormwater runoff. The goal is to reduce or eliminate the contaminants collected by stormwater as it moves into streams and rivers" -EPA.gov

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You CAN do something! Help make water quality a top issue in your daily life.

What Can You do at Home?

- Plant drought tolerant landscapes that require little water to survive.
- Mulch any bare soils to reduce the chance of eroding sediments.
- Properly maintain sprinkler systems to ensure that excessive runoff is avoided.
- Properly dispose of all chemicals, fluids, and other harmful objects or substances. Never place these items in trash cans, they WILL make it back to our water supply.
- Immediately contain spills that may occur during outside activities.
- Carefully follow instructions when using chemicals, fertilizers, oils, etc.

The Price of Doing Nothing

The price of doing nothing creates a harmful side-effect that will linger with our children and grandchildren for generations.

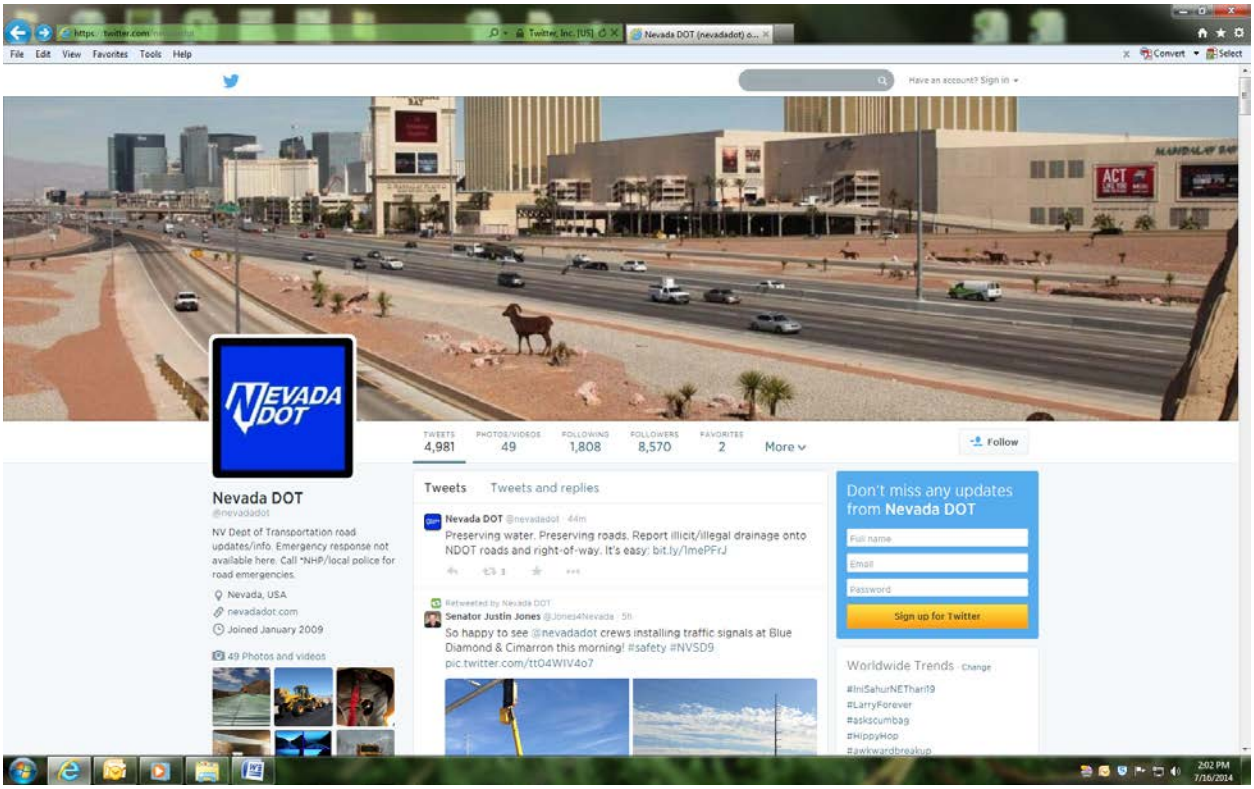
Ignoring the regulations, suggestions, and advice, will ultimately cost us all. The cost of ignorance is far greater than the cost of practicing effective mitigation techniques today.

Just Ask Yourself: "Would I Drink It?"

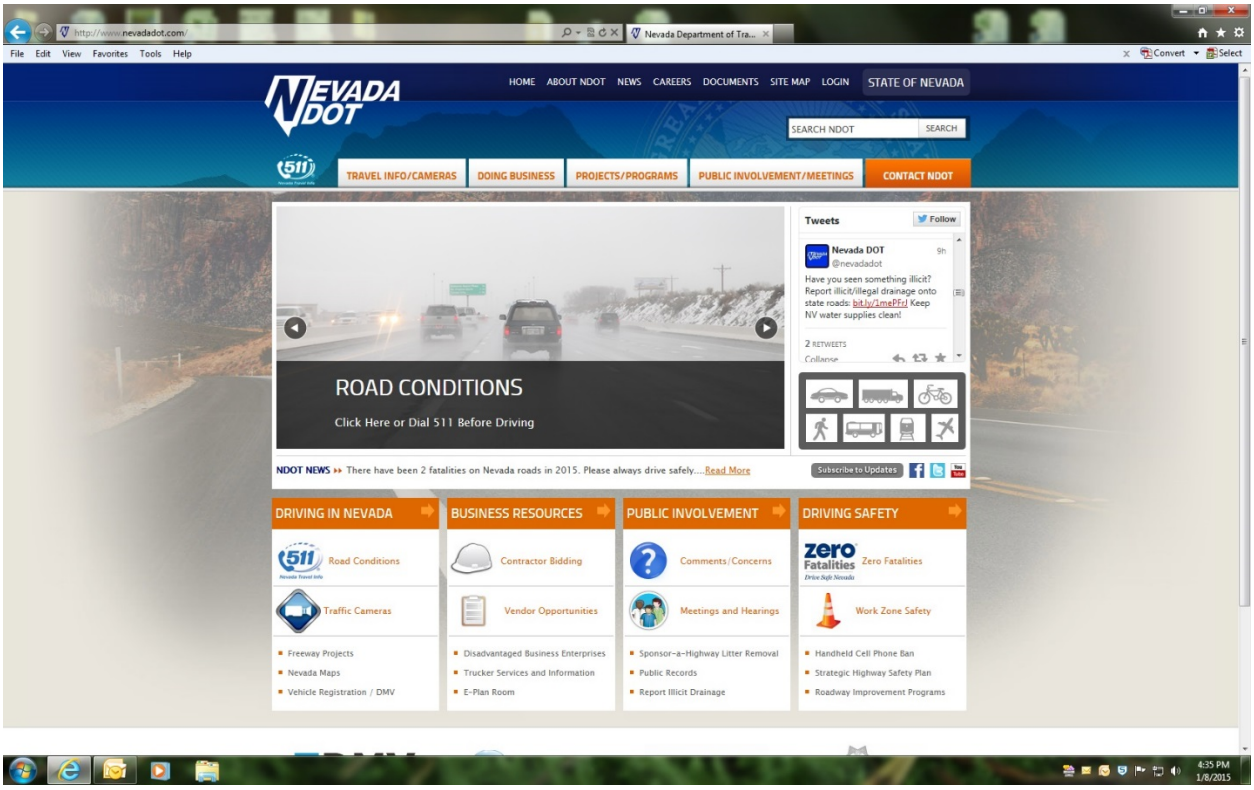
All living things depend on water, yet few people recognize that water is actually a limited resource. With less than 1% of the water found on earth being drinkable freshwater, it is certainly important to maintain its quality.

Examples of Various Social Media Postings by NDOT during the Reporting Period

The following screen shot image depicts messaging “Tweeted” by NDOT on July 16, 2014:



The following screen shot image depicts messaging “Tweeted” by NDOT on January 8, 2015:



- The following message was posted on NDOT's Facebook Page on March 20, 2015:

  Factoid Friday! Did you know that NDOT works diligently to help preserve the clarity of our Nevada waterways? How do we do this? Click here to read about NDOT's stormwater management program.
  http://www.nevadadot.com/StormWater/Stormwater_Management_Program.aspx

- The following message was posted on NDOT's Facebook page on April 10, 2015:

  Factoid Friday! Did you know…
  You can help us keep Nevada clean? If you observe contamination of our storm drains or waterways, please write down the location, date, time, a description of the suspects and their license plate number and call spill hotline number to report the incident 775-888-7013. Visit our website to find out more!
  http://www.nevadadot.com/Stormwater/Illicit_Discharge_Reporting.aspx

- The following message was sent out to all NDOT employees on April 22, 2015:

  NDOT Team Members,

  Happy Earth Day! Each year, Earth Day is celebrated on April 22 with events held worldwide to demonstrate support for environmental protection. Here at NDOT, there are many ways that we are doing our part to protect the environment. Did you
  know we have used thousands of tons of recycled asphalt pavement in our roadway rehabilitation efforts? This recycled material is used as a stabilizing base in a process called cold-in-place recycling. Additionally, in the past few years, we have incorporated recycled tires into the asphalt we use. In fact, the rubber from more than 400,000 tires have been used to pave some of our Nevada roads!

  NDOT is also dedicated to best stormwater management practices. We work diligently to preserve and improve the clarity of our Nevada lakes, streams and rivers by installing water detention systems and reducing the amount of salt and sand used in clearing our roads during the winter months. We also make it a top priority to reduce pollution in our storm drains during construction of our road projects and maintenance activities.
  We continue to make it a priority to reduce water usage. Much of our freeway landscaping consists of sculptures and native plantings that require little or no irrigation.
  And, many offices offer paper/recycling programs to help prevent unneeded waste. Both as employees and in our personal lives, we all can help protect our environment by making it a priority to recycle, conserve water, pick up trash, and be aware of what enters our storm drains. Together, we can all make a difference! Quick tips on ways to protect the environment.

  Happy Earth Day!

- The following messages were posted on NDOT's Twitter account on April 22, 2015:

  Nevada DOT@nevadadot · Apr 22
  Seen any illicit discharge recently? Make #EveryDayEarthDay and report any illicit discharge on Nevada roads: http://bit.ly/1mePFrJ

  Nevada DOT@nevadadot · Apr 22
  Today, we took part in the Carson River Coalition's Floodplain Management Forum. In honor of #EarthDay, take a... http://fb.me/3MFiXwvFf

  Nevada DOT@nevadadot · Apr 22
  NDOT Celebrates Earth Day with Conservation, Recycling Efforts http://bit.ly/1bwEHAA #EarthDay

  Nevada DOT@nevadadot · Apr 22
  Today is #EarthDay. One way we #everydayearthday: stormwater management to reduce illicit discharge. http://bit.ly/1DJzfn2

  Nevada DOT@nevadadot · Apr 21
  Do you #earthdayeveryday? We challenge you to these easy ways to preserve water and reduce use: http://bit.ly/1xXTSdE

Washington Fire 16,500 acres, 5% contained

NDOT Project Will Enhance Roadside Drainage on U.S. 50 in South Carson City

MEET THE TEAM

Video | Images

Drainage System Replacement

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Published: 6/23 7:56 pm

Updated: 6/23 7:59 pm

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CARSON CITY, Nev. – A Nevada Department of Transportation project on U.S. 50 in south Carson City will enhance storm drainage to help preserve water quality and reduce erosion.

The project will replace more than 50 storm drains and drop inlets, as well as enhance roadside slopes and curb and gutter on U.S. 50 from the South Carson Street/Spooner junction to Tahoe Golf Club Drive, approximately four and a half miles up U.S. 50. Multiple drainage channels from the highway will also be improved with additional drainage pipes or rock work to reduce erosion. Some of the drainage systems were originally constructed when the highway was built more than 50 years ago. The drainage systems carry storm water into the Clear Creek Watershed on the south side of U.S. 50. The project will also enhance roadway safety by replacing many storm grates from near the travel lanes, providing a smoother roadway surface and reducing potential roadway flooding risk.

The approximately $1.2 million project by contractor MKD Construction started this month. As the project progresses, single lane closures with minimal travel delays are to be expected on U.S. 50. Motorists are asked to obey traffic controls and drive at posted construction speed limits, or slower as necessary for conditions. The project will complete this fall.

The improvements are one part of the Clear Creek Erosion Control Program, a cooperative agreement between NDOT and the Carson Valley Conservation District. Since 2005, NDOT has dedicated approximately $4 million to enhance U.S. 50 drainage into the Clear Creek Watershed, with approximately 20,000 feet of drainages downstream of U.S. 50 improved with earth and rock work to reduce erosion. Future projects are planned to further reduce erosion and preserve water quality in the upper Clear Creek Watershed.

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Elko

- Elko Newsmaker Dr. Doug Debenham
- Child Abuse or Neglect Arrests
- Jamboree Montage
- Abigail Wheeler Elko Transit Coordinator 2 of 2
- Abigail Wheeler Elko Transit Coordinator 1 of 2
- Elko Animal Shelter 6-23-15
- Dee Burton Art Exhibit

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Director's Office UPDATE

An E-Update Prepared by Nevada Department of Transportation

Keeping Our Waterways Clean

Here in Nevada, our surface and groundwater resources are precious commodities. Stormwater can carry pollutants from NDOT right of way into Nevada waterways, either directly or through storm drains. The Director's Office would like all NDOT employees to know how important it is to keep our waterways clean, and what we all can do to help in this effort.

There are many contaminants that can easily pollute our stormwater. Rain picks up oil and grit left on our roads. Sprinklers wash pesticides and other chemicals from our lawns and gardens into our storm drains. Washing our cars carries detergents, oils and grease from the driveway into our waterways. This is called illicit discharge.

Did you know?

- That sewer systems and storm water drains are two different things? The water that goes down a sink or toilet flows to a wastewater treatment plant where it is treated and filtered. But water that flows down driveways and streets into a gutter is not treated and goes into a storm drain that flows directly to a lake, river or stream.
- Four quarts of motor oil can create an 8-acre oil slick and contaminate a million gallons of drinking water?
- Antifreeze is a toxic pollutant that can kill not only aquatic life but also pets when they drink from contaminated puddles?
- The use of pesticides and other harmful chemicals on your lawn can be reduced with proper mowing, fertilizing and watering?
- Pet and other animal waste is raw sewage that releases bacteria and oxygen-consuming materials into our waterways?
- Soaps and detergents are pollutants that contain phosphorus which contributes to algae blooms that can deplete waterways of oxygen and cause fish to die?
- Yard waste such as grass clippings and leaves is a pollutant that releases bacteria into our waterways and can also clog storm drains contributing to flooding?

Continued on Next Page

What can we do?

- Don't dump leaves and grass clippings into our storm drains.
- Inspect and maintain your car to prevent oil and antifreeze leaks.
- Dispose of household chemicals properly.
- Take motor oil, antifreeze, oil-based paint, paint thinner, varnishes and solvents to a recycling station.
- Use kitty litter to clean up leaks and spills and never hose spills into the gutter.
- Buy household and garden products that are environmentally safe.
- Do not apply lawn or garden products.
- Avoid over-fertilizing your lawn.
- And don't forget to "scoop the poop" by discarding pet waste in the garbage or flushing it down the toilet.

Education and Public Outreach

Education and public outreach is key to NDOT's stormwater management program. Reporting the dumping of illicit discharge into our storm drains is an important way you can help keep our waterways clean. You can report illicit discharging by calling (775) 888-7013.

We'd like to encourage all NDOT employees to sign up for the newly developed eight hour stormwater management training. The training resource is available by calling the training division at x7808. Together we can make a difference in helping to improve Nevada's water quality.

Please visit our stormwater management program web pages to learn more about what NDOT is doing to keep our waterways clean! http://www.nevadadot.com/StormWater/Stormwater_Management_Program.aspx.

Dedicated to Water Quality

Here in Nevada, our surface and groundwater resources are precious commodities. Stormwater can carry pollutants from NDOT right of way into Nevada waterways, either directly or through storm drains. That's where NDOT's stormwater management program comes in to help minimize contaminants in stormwater conveyed through NDOT drainage facilities.

History

Whether diligently reducing the amount of water quality impacts from our construction projects, installing water detention systems to most efficiently channel and provide for the clarity of roadside runoff, utilizing advanced technology to reduce the amount of salt and sand used on snowy and icy winter roads, or even building award-winning facilities to treat water runoff collected during cleaning of Tahoe-area roadside drainage facilities that will save an estimated $4 million over the next 20 years, NDOT has long been dedicated to stormwater management.

In 2011, the Environmental Protection Agency (EPA) conducted an audit of NDOT's stormwater management program. While recognizing positive practices, the audit found some areas potentially not in compliance with NDOT's Municipal Separate Storm Sewer System (MS-4) Permit. The audit findings left NDOT and the state potentially vulnerable to multi-million dollar fines for non-compliance. It was an opportunity for the Department to renew focus and commitment to stormwater quality.

Current Stormwater Efforts

And that is exactly what NDOT did. Department environmental staff worked closely with the Nevada Division of Environmental Protection (NDEP) to track and report on stormwater measures. Further stormwater management employee training educated nearly 1,000 NDOT employees on stormwater practices, and an exhaustive effort to map more than 10,000 major drainage and stormwater outlets on state road right of way was commenced. Facility pollution prevention plans were developed for each maintenance facility and a stormwater advisory team established to provide guidance and oversight in reaching stormwater goals. And, crucially, two water quality staff members will be hired in each district, along with a supervisor in Carson City headquarters, to provide expert water quality training, document facility inspections and support district stormwater management efforts.

And that's not where the efforts ended. An August 6 stormwater management kick-off meeting was open for viewing by all NDOT employees.

"What we're talking about is changing our NDOT culture so we're all more aware of how important this is and the

Continued on next page

vital part we each play," Director Rudy Malfabon explained during the meeting. "When we're out there in the field, every NDOT employee has a part to play in making sure that we continually do all we can to preserve water quality. It's not just construction, maintenance or environmental. This means all of us coming together and fully understanding the vital importance of stormwater management."

A contractor inspector checklist has been developed and best management practices (BMPs) manuals have been developed for design and construction to provide additional resources for NDOT staff to carefully evaluate any potential stormwater impacts. NDOT staff were also reminded of the water conservation efforts they can put in place at home.

"Everyone plays a part, whether at home or at work," Deputy Director Bill Hoffman stated. "This is about ensuring the quality of any water in our right of way and ultimately in our community and household water supplies."

What You Can Do

Water conservation tips:

LEARN MORE — *Southern Nevada Water Authority*

LEARN MORE — *Truckee Meadows Water Authority*

WATCH VIDEO — *Stormwater Management*

Jellyfish Filter Treats Runoff Before Discharging into Lake Tahoe

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Project Information Sign on Site

Close up of Jellyfish Cartridge

SR 28 Improvements

Incline Village, Nevada - Incline Village is located on the north side of Lake Tahoe, Nevada. From skiing in the winter to hiking in the summer, the area is a haven of recreational activities year round. With its proximity to Lake Tahoe, stormwater management is vital to improving Lake Tahoe's water quality and clarity.

Current regulations in the Lake Tahoe Basin require stormwater BMPs to reduce loads from identified pollutant sources of fine sediment particles (FSP) less than 16 microns in size and nutrients to ultimately achieve the Lake Tahoe transparency and clarity water quality objectives. The engineers on the project, Wood Rodgers, selected the **Jellyfish Filter** from Contech Engineered Solutions. The Jellyfish Filter is a stormwater quality treatment technology featuring pretreatment and membrane filtration in a compact stand-alone system. The compact design and high surface area cartridges provide effective removal of fine sand and silt sized particles and removes a high percentage of particulate-bound pollutants including nutrients, metals and hydrocarbons. The Jellyfish Filter is available in multiple configurations and has numerous agency approvals, including NJDEP certification from a TARP field test.

One of the reasons the Jellyfish Filter was chosen for this project was for its fine sediment capture capabilities. In independently verified field monitoring conducted over 25 storms, the Jellyfish Filter reduced the total sediment load by 98% and the phosphorous load by 57%. The mean particle diameter dropped from 114 microns in the influent to 4 microns in the treated effluent. Also, room to place any system was extremely limited. The compact design and small footprint of the Jellyfish Filter allowed the placement of the system in a location not suitable to other solutions.

The use of the Jellyfish Filter to filter out sediment before it reaches Lake Tahoe plays an important role in

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Water/Wastewater Projects

improving the lake's clarity and cleanliness.

Owner
Nevada Department of Transportation
www.Nevadadot.com

Engineer
Wood Rodgers
www.woodrodgers.com

Contractor
Q&D Construction
www.qdconstruction.com

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In the State of North Carolina, engineering services are provided by Contech Arch Engineering, Professional Corporation.

Stormwater Related Signs Installed within NDOT's Right-of-Way

Sign Installed at the Summit of SR-207 Reminding the General Public to Protect the Lake Tahoe Basin

Sign Installed along SR-28 Publicizing the Green Streets Program

NEVADA DEPARTMENT OF TRANSPORTATION

CONTRACTOR BULLETIN

Special Notice

April 24, 2015

Preventing Storm Water Pollution from Construction Activities 2015

The Nevada Department of Transportation will be requiring any prime contractor performing contract work for the Department to have a Water Pollution Control Manager on staff for any contracts advertised after June 1, 2015. There is mandatory training which the Water Pollution Control Manager must attend and receive certification for through the Associated General Contractors (AGC) in order to meet the Department's requirements. The initial training session will be held in Las Vegas May 6th and 7th at the AGC in Las Vegas with additional training to be held in District's 2 and 3 in the near future. See Attachment. The Department will post future scheduled training in upcoming Bulletins.

One Industry. One Voice

Presents....

Preventing Storm Water Pollution from Construction Activities 2015

for

Water Pollution Control Managers

COURSE DESCRIPTION:

This comprehensive 16-hour training class objective is to give the participant a knowledge base on storm water pollution, regulations, and best management practices (BMPs). The course will include potential storm water pollution sources and effects associated with construction activity.

The appropriate methods of erosion and sedimentation control will be presented as well as use of BMPs, inspection techniques and a checklist for inspections will be reviewed. The class will conduct a mock inspection exercise and fill out the inspection forms using BMPs along with a section on storm water monitoring for construction sites within ¼ mile of an Impaired/TMDL established waterway will also be presented.

The NDOT guidance manual for Erosion Pollution and Control will be used along with the course handouts. Certificates will be issued at the end of the class. These certificates, along with your experience must be submitted to NDOT and approved in order to be listed as the Water Pollution Control Manager on the project.

INSTRUCTOR: Kevin Boesch, Logan Simpson Design

WHEN: May 6 – 7, 2015
(Participant must attend both days to receive WPCM Certification)

WHERE: AGC Training Room – 150 N. Durango Drive, Las Vegas, NV

TIME: 7:00 a.m. – 4:00 p.m.

COST: $400 – This fee includes course materials, refreshments, breakfast & lunch daily. It does not include hotel reservations or transportation to attend the class.

Water Pollution Control Manager
Daily Schedule

Registration and light breakfast provided 7:00 am – 7:30 am

Day 1 :

Regulations and Permit Review
Roles and Responsibilities for NDOT and Contractor
Storm Water Regulations, Pollution Sources and Effects, Fines
NDOT Erosion Pollution Control Manual
NDOT Specifications
Temporary Soil Stabilization and Sediment Control
Temporary Soil Stabilization BMPs
Temporary Sediment Control BMPs
Wind Erosion BMP Trackout Control BMPs
Non-Storm Water Management BMPs
Waste Management and Materials Pollution Control BMPs
Post Construction BMPs
BMP Maintenance

Day 2:
Water Pollution Control Strategies
SWPPP Preparation materials
Preparing a SWPPP, Approval of SWPPP,
SWPPP Certification and Approval, SWPPP Amendments
Body of SWPPP (Objectives, pollutant source identification, BMP selection/BMP Checklist and BMP Requirement Exercise, BMP text description, Maintenance and Inspection Repair)
Introduction and Project Description, References
Storm water Monitoring and Discharge Monitoring Reports
Responsibilities during Construction and for Completion
BMPs Inspection
Regulatory Inspections
Guidance for Implementation of other BMPs,
Inspection Techniques, Mock Inspection Exercise and
Final Erosion Control, Final Stabilization, and Recordkeeping

REGISTRATION FORM

Advance registration and payment MUST BE RECEIVED PRIOR TO START OF CLASS TO ATTEND. Please register and pay by check or credit card no later than May 5, 2015. At-the-door registrations or payments will not be accepted. Register as follows: online agclv.org, email Stephanie@agclv.org, fax 796-1629 or call 796.9986.

Company: _____

Address: _____

Name(s) of Attendee(s): _____

_____

Phone: _____ **Fax:** _____ **Email Address (required):** _____

Credit Card No: _____ **Exp.** _____ **3-digit CSC Code:** _____
(Visa, Master Card and American Express accepted)

Credit Billing Address: _____ **Billing Zip Code:** _____

Amount: $_____ ☐ **check-in-the-mail(must be received by May 5, 2015:)**
(150 N. Durango Dr., Ste. 100, Las Vegas, NV 89145)

AGC Cancellation Policy: **Unless AGC received cancellation notice at least 48 hours in advance, participants are responsible for their advance reservations. Due to the advance requirements for scheduling and non-returnable class materials, participants will still be responsible for cost of materials even with 48 hour notice.**

Sponsored By:

NEVADA DOT

THE ASSOCIATED GENERAL CONTRACTORS AGC LAS VEGAS NCA NEVADA CONTRACTORS ASSOCIATION "Building America"

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APPENDIX G

Major and Minor Maintenance Facility Annual Stormwater Inspection Forms

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Austin Maint. Station		Date: 3/4/15	
Facility Location: US-50 LA-24.1			
Inspector(s): Jason Demaline			
Title(s): NDOT Water Quality			
Facility Supervisor I : Joe Ramos			
Facility Supervisor II : Eric Trujillo			
Weather Conditions at Time of Inspection:			
1. Temperature (°F) 37			
2. Precipitation Ø			
3. Wind (mph) Calm			
Fueling Area			
1. Is there a fueling area located at this facility?	~~Yes~~	No	
Fuel type(s):			
2. Are fuel pumps leaking?	Yes	~~No~~	
3. Are fuel spills present in fueling area?	~~Yes~~	No	
4. Have BMPs been implemented to address leaks/spills?	~~Yes~~	No	N/A
Containment measures: Floor Dry			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	Yes	No	~~N/A~~
5. Is there a "fuel pump house" located at this facility?	~~Yes~~	No	
Items stored:			
6. Is there a spill kit at this location?	~~Yes~~	No	
Is it properly signed and labeled?	~~Yes~~	No	
Notes: The floor dry used to clean up a spill needs swept and disposed of.			
Vehicle/Equipment Parking Areas			
1. Are vehicles and/or equipment staged outside?	~~Yes~~	No	
Types: Motor Grader, Dump trucks, other maint. vehicles			
2. Are vehicle/equipment leaks present?	Yes	~~No~~	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			
Notes:			
Equipment Maintenance/Repair Facilities			
1. Are major vehicle/equipment repairs performed at this facility?	Yes	No	
2. Is minor equipment servicing performed at this facility?	Yes	No	
3. Are there appropriate used equipment fluid receptacles?	~~Yes~~	No	
Are they properly labeled?	~~Yes~~	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	~~Yes~~	No	
4. Are there any vehicles/equipment currently leaking?	Yes	~~No~~	
5. Have BMPs been implemented to address leaks/spills?	~~Yes~~	No	N/A
Containment measures: Drip Pans Placed under potential leaks			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	X
Notes: The used oil container located outside has a leak that drips onto Pavement This needs repaired.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Fence Posts, fence, pipe, ect.			
BMPs properly implemented?	~~Yes~~	No	
2. Does the facility have an enclosed structure for sand/salt?	~~Yes~~	No	N/A
3. Does the facility have a brine tank? Mag	~~Yes~~	No	
Is there secondary containment?	Yes	~~No~~	
Are leaks present around the pipes and fittings?	Yes	~~No~~	
4. Are sweeping spoils on site?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	
Notes: Recomend secondary containment for Mag tanks.			
Cold Storage Areas			
1. Are cold storage areas present?	~~Yes~~	No	
Notes: Barrels, cones, signs, ect.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	~~N/A~~
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	~~Yes~~	No	
2. Is there an engineered wash pad at this facility?	~~Yes~~	No	
3. Is the wash pad area sufficiently engineered?	~~Yes~~	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Not known			
Interceptor Clean-Out Frequency: Not known			
Notes: Remove Sediment from retention basin			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	~~No~~	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	~~Yes~~	No	
2. Are there water leaks or is there water running?	Yes	~~No~~	
3. Are there signs of an offsite discharge?	Yes	~~No~~	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	~~Yes~~	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	~~No~~	
3. Are there any equipment leaks?	Yes	~~No~~	
4. Have BMPs been properly implemented to address leaks/spills?	~~Yes~~	No	NA
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	~~Yes~~	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	~~No~~	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	~~No~~	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			
Notes: Stormwater sheetflow to roadside ditch along SR-305			

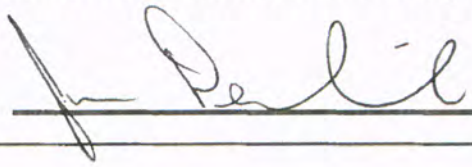
Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	~~Yes~~	No	
2. Is the facility mechanically swept on a regular basis?	~~Yes~~	No	
Frequency: Monthly			
3. Is there trash buildup within and/or around the facility?	Yes	~~No~~	
4. Is trash placed in appropriate receptacles?	~~Yes~~	No	
5. Are there routine facility clean-up days?	~~Yes~~	No	
Frequency: As time allows			
Notes:			

Non-Compliance Issues

Dispose of saturated flur dry around fuel pump. Provide lids or remove uncovered trash barrels. Repair oil leak from used oil container and clean the oil that has leaked onto the pavement. Remove sediment from washpad retention basin.

Certification and Signature

I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Grimes Pit Storage	Date:	3/4/15
Facility Location:	US 50 LA 54.2		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Joe Ramos		
Facility Supervisor II :	Eric Trujillo		

Weather at Time of Inspection:

1. Temperature (°F):	35
2. Precipitation:	0
3. Wind (mph):	Calm

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Hay piles			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	~~N/A~~
Is this a 303(d) Impaired Waters listing?	Yes	No	~~N/A~~
Impaired constituents:			~~N/A~~
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			~~N/A~~

Notes: Stormwater infiltrates on sight

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	~~Yes~~	No	

Notes:

Non-Compliance Issues

None at this time

III.M.4 Certified and Signed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: J Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Antelope Valley S/S	Date: 1/5/15		
Facility Location: SR-305 LA 72.8			
Inspector(s): Jason Demaline			
Title(s): Staff 2 NDOT Water Quality			
Facility Supervisor I : John Wilcox			
Facility Supervisor II : Shawn De Forest			
Weather at Time of Inspection:			
1. Temperature (°F): 46			
2. Precipitation: None			
3. Wind (mph): 5-10			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	(Yes)	No	
Types: Salt Sand			
Are BMPs properly implemented?	(Yes)	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	(No)	
3. Does the facility have a brine tank?	Yes	(No)	
Is there secondary containment?	Yes	No	(N/A)
4. Does facility store sweeping spoils on site?	Yes	(No)	
Are BMPs properly implemented?	Yes	No	(N/A)
5. Is vactor truck waste stored onsite?	Yes	(No)	
Are BMPs properly implemented?	Yes	No	(N/A)
6. Is roadside/miscellaneous waste stored onsite?	Yes	(No)	
Types:			
Are BMPs properly implemented?	Yes	No	(N/A)
Notes: Stormwater sheetflows to vegetated ditch for infiltration			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	(No)	
Is this a Waters of the United States?	Yes	No	(N/A)
Is this a 303(d) Impaired Waters listing?	Yes	No	(N/A)
Impaired constituents:			(N/A)
2. Does the facility receive significant run-on?	Yes	(No)	
Source of run-on:			(N/A)
Notes:			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	(Yes)	No	
Notes:			
Non-Compliance Issues			
None at this time			

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Argenta S/S storage	Date: 1/5/15		
Facility Location: I-80 LA 19.2			
Inspector(s): Jason Demaline			
Title(s): NDOT Water Quality Staff 2			
Facility Supervisor I : John Wilcox			
Facility Supervisor II : Shawn De Forest			
Weather at Time of Inspection:			
1. Temperature (°F): 30			
2. Precipitation: None			
3. Wind (mph): 5-10 MPH			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	(Yes)	No	
Types: Salt Sand			
Are BMPs properly implemented?	(Yes)	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	(No)	
3. Does the facility have a brine tank?	Yes	(No)	
Is there secondary containment?	Yes	No	(N/A)
4. Does facility store sweeping spoils on site?	Yes	(No)	
Are BMPs properly implemented?	Yes	No	(N/A)
5. Is vactor truck waste stored onsite?	Yes	(No)	
Are BMPs properly implemented?	Yes	No	(N/A)
6. Is roadside/miscellaneous waste stored onsite?	Yes	(No)	
Types:			
Are BMPs properly implemented?	Yes	No	N/A
Notes:			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	(No)	
Is this a Waters of the United States?	Yes	No	(N/A)
Is this a 303(d) Impaired Waters listing?	Yes	No	(N/A)
Impaired constituents:			(N/A)
2. Does the facility receive significant run-on?	Yes	(No)	
Source of run-on:			(N/A)
Notes: Flows south to vegetated ditch along I-80 ramp.			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	(Yes)	No	
Notes:			
Non-Compliance Issues			
None at this time			

III.M.4 Certified and Signed

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Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

3/2/15

Facility Name:	**Battle Mtn Maint. Station**	Date:	~~06/17/14~~	
Facility Location:	SR-304 LA 6.6			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	John Wilcox			
Facility Supervisor II :	Shaun DeForest			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	38			
2. Precipitation	wet ground			
3. Wind (mph)	5-10mph			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Unleaded & Diesel				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes: Gas above ground, diesel underground				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Misc maintenance vehicles, ect.				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
Notes:				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	N/A
Are they properly labeled?		Yes	No	N/A
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	N/A
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				

6. Are batteries properly stored?	Yes	No	N/A
Notes:			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Fence materials, guide posts, pipe, ect.			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	N/A
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes:			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: tires and scrap metal stored in bins, inside garage			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	N/A
Sediment Removal Frequency:			
Interceptor Inspection Frequency:			
Interceptor Clean-Out Frequency:			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes:			

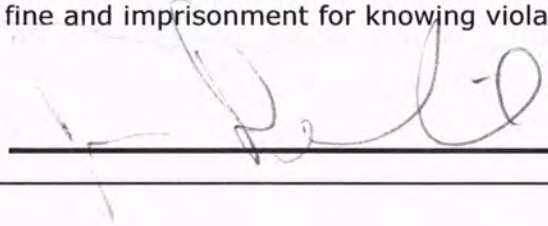
Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures: Hoses stored in beds of spreaders			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Stormwater mostly pools on site. Recommended sediment barrier protection is still present on north side of yard (4th Street) and in good condition.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: Monthly			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency:			
Notes: Facility is neat and orderly			

Non-Compliance Issues
None

Certification and Signature
I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Milepost 4 Yard**	Date:	~~06/18/14~~ 3/2/15	
Facility Location:	I-80 LA 4.0			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	John Wilcox			
Facility Supervisor II :	Shaun DeForest			
Weather at Time of Inspection:				
1. Temperature (°F):	36			
2. Precipitation:	wet surface			
3. Wind (mph):	5-10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt/sand, cold mix, fencing, cmp,ect.			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank? Mag Chlor		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Most stormwater infitates on sight. Some flows south to vegegated ditch.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Battle Mtn Pit Storage	Date:	3/2/15
Facility Location:	SR-305 LA 109.2	Pit #	LA10-11
Inspector(s):	Jason Demaline		
Title(s):	NDOT Staff 2 water Quality		
Facility Supervisor I :	John Wilcox		
Facility Supervisor II :	Shawn DeForest		

Weather at Time of Inspection:

1. Temperature (°F):	36°
2. Precipitation:	0
3. Wind (mph):	5-10

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	(Yes)	No	
Types: Agg. stockpiles; millings			
Are BMPs properly implemented?	(Yes)	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	(No)	
3. Does the facility have a brine tank?	Yes	(No)	
Is there secondary containment?	Yes	No	(N/A)
4. Does facility store sweeping spoils on site?	Yes	(No)	
Are BMPs properly implemented?	Yes	No	(N/A)
5. Is vactor truck waste stored onsite?	Yes	(No)	
Are BMPs properly implemented?	Yes	No	(N/A)
6. Is roadside/miscellaneous waste stored onsite?	Yes	(No)	
Types:			
Are BMPs properly implemented?	Yes	No	(N/A)

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	(No)	
Is this a Waters of the United States?	Yes	No	(N/A)
Is this a 303(d) Impaired Waters listing?	Yes	No	(N/A)
Impaired constituents:			(N/A)
2. Does the facility receive significant run-on?	Yes	(No)	
Source of run-on:			(N/A)

Notes: Infiltrates on site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	(Yes)	No	

Notes:

Non-Compliance Issues

None

III.M.4 **Certified and Signed**

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Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Valmy S/S Storage**	Date:	~~06/17/14~~ 3/2/15	
Facility Location:	I-80, HU 53.1			
Inspector(s):	~~Karin West~~ J. Remaley			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	John Wilcox			
Facility Supervisor II :	Andy Rodriguez			
Weather at Time of Inspection:				
1. Temperature (°F):	75			
2. Precipitation:	None			
3. Wind (mph):	~10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Salt/sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank? Mag Chlor		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Loader parked here, no leaks.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheetflows south east to vegetated upland area for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes: Straw wattles have been placed around salt/sand pile.				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Contract Yard		Date:	3/17/15
Facility Location:	US 93 EL-125.47			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality			
Facility Supervisor I :	Cody Robinson			
Facility Supervisor II :	Tom Pearson			

Weather Conditions at Time of Inspection:

1. Temperature (°F)	43
2. Precipitation	0
3. Wind (mph)	Calm

Fueling Area

1. Is there a fueling area located at this facility?	~~Yes~~	No	
Fuel type(s): Diesel + Unleaded			
2. Are fuel pumps leaking?	Yes	~~No~~	
3. Are fuel spills present in fueling area?	Yes	~~No~~	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	~~Yes~~	No	N/A
5. Is there a "fuel pump house" located at this facility?	~~Yes~~	No	
Items stored:			
6. Is there a spill kit at this location?	~~Yes~~	No	
Is it properly signed and labeled?	~~Yes~~	No	

Notes:

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	~~Yes~~	No	
Types: Plows Pickup, loader			
2. Are vehicle/equipment leaks present?	Yes	~~No~~	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			

Notes:

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	Yes	~~No~~	
2. Is minor equipment servicing performed at this facility?	~~Yes~~	No	
3. Are there appropriate used equipment fluid receptacles?	~~Yes~~	No	
Are they properly labeled?	~~Yes~~	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	~~Yes~~	No	
4. Are there any vehicles/equipment currently leaking?	Yes	~~No~~	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	~~No~~	
Notes:			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Salt/Sand, Fence, P.E.			
BMPs properly implemented?	~~Yes~~	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	N/A
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	~~Yes~~	No	
Types: Roadside debris			
BMPs properly implemented?	~~Yes~~	No	
7. Is striping paint stored on the facility?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
Notes:			
Cold Storage Areas			
1. Are cold storage areas present?	~~Yes~~	No	
Notes: Misc maint. supplies			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	~~No~~	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	~~Yes~~	No	
2. Is there an engineered wash pad at this facility?	~~Yes~~	No	
3. Is the wash pad area sufficiently engineered?	~~Yes~~	No	
4. Is the wash pad properly maintained?	~~Yes~~	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: As needed			
Notes: Wash Pad retention basin needs cleaned			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	~~No~~	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	~~No~~	
2. Are there water leaks or is there water running?	Yes	No	N/A
3. Are there signs of an offsite discharge?	Yes	~~No~~	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	~~Yes~~	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	~~No~~	
3. Are there any equipment leaks? old	Yes	~~No~~	
4. Have BMPs been properly implemented to address leaks/spills?	~~Yes~~	No	
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	~~Yes~~	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	~~Yes~~	No	
Is this a Waters of the United States?	~~Yes~~	No	
Is this a 303(d) Impaired Waters listing?	~~Yes~~	No	
Impaired constituents: Iron, Total P, Temperature, TSS and Turbidity			
2. Does stormwater discharge into hydraulic facilities?	Yes	~~No~~	
Type:			
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	~~No~~	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			

Notes: Stormwater runs South and infiltrates in unpaved vegetated area. There is some potential to reach Salmon Falls Creek. Sediment wattles have been placed at the South side of the yard.

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: Quarterly			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: when available time allows			
Notes: Facility is kept very neat and clean.			

Non-Compliance Issues

Remove sediment from wash pad retention basin

Certification and Signature

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Contact Mat. Storage Pit**	Date:	11/19/14	
Facility Location:	US-93 EL 116.6			
Inspector(s):	Jason Demaline		PIT# EL16-03	
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	Cody Robinson			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	47			
2. Precipitation:	None			
3. Wind (mph):	5-10mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Aggregate Stockpiles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates on site. Settling basin constructed on site as well.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Currie Maint. Station**	Date: 08/19/14		
Facility Location:	~~US-50 EU 36.75~~ US 93 & 11.76			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality, Staff 2			
Facility Supervisor I :	Renee Duffy			
Facility Supervisor II :	Tom Pearson			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	80			
2. Precipitation	None			
3. Wind (mph)	5-10 mph			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Diesel and Unleaded				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes: Diesel Underground. No secondary containment around above ground gas tank.				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: plows,backhoe				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
Notes: There was evidence of oil spills,leakes at spots in yard. These need to be cleaned with the appropriate measures in a timely manner.				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				

6. Are batteries properly stored?	Yes	No	N/A
Notes: Major repairs done at Elko			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: equipment bits			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes:			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Signs, cones,wire fencing			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes: None stored.			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency:			
Interceptor Inspection Frequency:			
Interceptor Clean-Out Frequency:			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes: Uses the Eureka county.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes: Plow hoses are stored in buckets on the ground with no secondary containment in place. There is a possibility of buckets spilling.			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Stormwater pools in yard. Some flows south towards a roadside ditch along US-93 for infiltration.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: 2-3 x per year			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency:			
Notes: Reminded that FPPP states a minimum of twice per year for sweeping. There is a lot of weeds in and around the yard.			

Non-Compliance Issues

None

Certification and Signature

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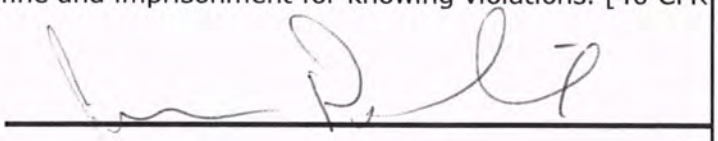
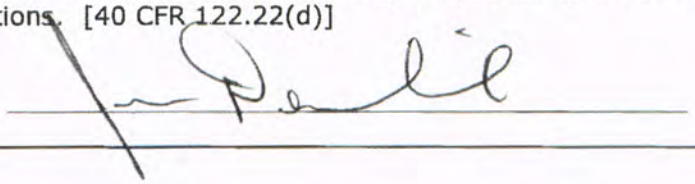
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Currie Storage-Lages Jctn** Date: 11/19/14			
Facility Location:	US-93 WP 112.78 Assoc. w/ Currie Crew			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Renee Duffy			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	68			
2. Precipitation:	None			
3. Wind (mph):	5-10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Salt Sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: This area is used a lot for public parking and semi truck parking.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows west to upland vegetated area for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Suzie Creek Pit (EL-81-01)	Date:	3/10/15
Facility Location:	IR-80 EL-41		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Shane McKinnon		
Facility Supervisor II :	Jim Hylton		

Weather at Time of Inspection:

1. Temperature (°F):	54
2. Precipitation:	0
3. Wind (mph):	Calm

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Various Agg Pits, Millings.			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~

Notes: This is a large Pit with several old stockpiles.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	~~N/A~~
Is this a 303(d) Impaired Waters listing?	Yes	No	~~N/A~~
Impaired constituents:			~~N/A~~
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			N/A

Notes: Stormwater infiltrates on site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	~~Yes~~	No	

Notes: This site has been used as a dumping ground in the past. Very clean now.

Non-Compliance Issues

None.

III.M.4 Certified and Signed

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Authorized Signature: J Pelle

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Suzie Creek Storage Site	Date:	3/10/15
Facility Location:	I-80 EL 4.2		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Shane McKinnon		
Facility Supervisor II :	Jim Hylton		

Weather at Time of Inspection:

1. Temperature (°F):	54
2. Precipitation:	Ø
3. Wind (mph):	Calm

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	(Yes)	No	
Types: Salt/Sand, Fence, Guardrail ect.			
Are BMPs properly implemented?	(Yes)	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	(No)	
3. Does the facility have a brine tank?	(Yes)	No	
Is there secondary containment?	(Yes)	(No)	N/A
4. Does facility store sweeping spoils on site?	Yes	(No)	
Are BMPs properly implemented?	Yes	No	(N/A)
5. Is vactor truck waste stored onsite?	Yes	(No)	
Are BMPs properly implemented?	Yes	No	(N/A)
6. Is roadside/miscellaneous waste stored onsite?	Yes	(No)	
Types:			
Are BMPs properly implemented?	Yes	No	(N/A)

Notes: (

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	(No)	
Is this a Waters of the United States?	Yes	No	(N/A)
Is this a 303(d) Impaired Waters listing?	Yes	No	(N/A)
Impaired constituents:			(N/A)
2. Does the facility receive significant run-on?	Yes	(No)	
Source of run-on:			(N/A)

Notes: Most stormwater infiltrates on site. Some flows to adjacent vegetated upland areas.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	(Yes)	No	

Notes:

Non-Compliance Issues

None. Previous items have been taken care of.

III.M.4 Certified and Signed

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Authorized Signature: _____

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Halleck Storage Site**	Date:	08/19/14	
Facility Location:	I-80 EL 42.8			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	Merlin Gonzales			
Facility Supervisor II :	Manager: Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	80			
2. Precipitation:	No			
3. Wind (mph):	5-10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt/sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:	broken concrete, asphalt chunks, metal piece			
Are BMPs properly implemented?		Yes	No	N/A
Notes: Recommend removing waste from site.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheetflows east to upland vegetation for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)] **Authorized Signature:**				

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Elko Storage Site**	Date:	09/24/14	
Facility Location:	SR 228 EL 5.9			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	Merlin Gonzales			
Facility Supervisor II :	Manager: Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	75			
2. Precipitation:	None			
3. Wind (mph):	15-20mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt/sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:	Little bit from SR-228			N/A
Notes: Stormwater flows east to vegetated upland area for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

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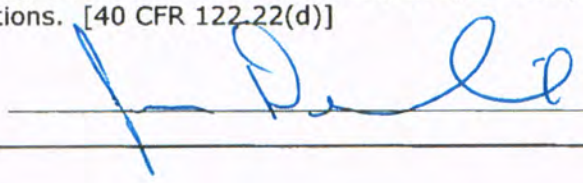
Authorized Signature: 

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Jiggs Junction Storage**	Date:	09/24/14	
Facility Location:	SR-227 EL 7.4			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Manager: Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	75			
2. Precipitation:	None			
3. Wind (mph):	15-20 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt/sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows south east to upland vegetation for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
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Authorized Signature:				

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Alpha Storage Site**	Date:	09/29/14	
Facility Location:	SR 278 EU 35.33			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	Shane McKinnon			
Facility Supervisor II :	Manager: Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	65			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt/sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheetflows to adjacent vegetated upland area for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 Certified and Signed

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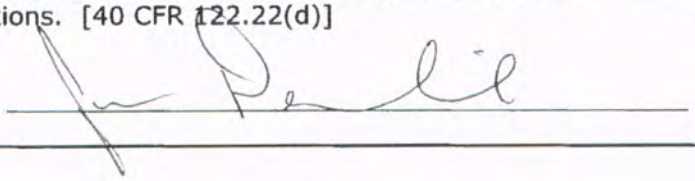
Authorized Signature: 

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Elko Storage Site**	Date:	09/29/14	
Facility Location:	SR 278 EU 61.2			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	Shane McKinnon			
Facility Supervisor II :	Manager: Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	65			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt/sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheetflows north west to vegetated upland area for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Elko Storage Site**	Date:	10/22/14	
Facility Location:	SR-535 EL 21.7			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	Shane McKinnon			
Facility Supervisor II :	Manager: Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	48			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Salt sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Recently paved. Ashpalt burm insatlled around perimiter to contain runoff.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes:				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Suzi Creek Storage Site** Date: 10/22/14			
Facility Location:	I-80 EL 4.2 Carlin			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	Shanke McKinnon			
Facility Supervisor II :	Manager: Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	52			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt/sand, fencing, guardrail, cattle guards,millings			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a Mag tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:Roadside debris				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Share site with Dept. of Forestry. Roadside debris disposed of when there is a full load. Mag tank has barrier rail around perimiter with absorbant wattles placed inside				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows to adjacent vegetated upland area for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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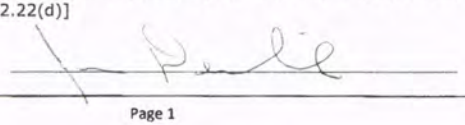
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Elko Maintainance Station**	Date: 06/23/15		
Facility Location:	1951 Idaho Street			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality			
Facility Supervisor I :				
Facility Supervisor II :	Maintenance Manager: Dave Brown			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	85			
2. Precipitation	None			
3. Wind (mph)	Calm			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Diesel & Unleaded				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored: Used fuel (on pigs) Vehicle fluids				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes:				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Multi maintenance equipment, ect.				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Hoses wrapped			
Clean-up measures:	Floor dry then swept and disposed of			
Notes: Units 1416 and 1630 are leaking.				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	drip pans			
Clean-up measures:				

6. Are batteries properly stored?	Yes	No	N/A
Notes:			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: salt/sand, coldmix, fence material,guardrail, ect.			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank? Mag Chloride	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: roadside debris, metal, rubber, ect.			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: Debris stored in dumpsters and hauled when full. Rubber is hauled off when there is a full load. Recommend secondary containment for Mag tank. Recommend covered storage for all metal.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Misc. maintenanence supplies are stored in these areas.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes: Ranger pro and tordon 22k stored indoors in separate bay.			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: quarterly			
Interceptor Clean-Out Frequency: as needed			
Notes: New wash pad completed and in use. Some sediment needs removed around perimeter of wash pad.			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: Labs stored on site until construction season starts.			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes: Part on new wash rack			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures: Hoses in beds			
Clean-up measures: Floor dry then swept and disposed of			
5. Are spreader hoses stored properly?	Yes	No	
Notes: There are plows being stored that are leaking. The hoses on these plows need stored properly.			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents: Iron & turbidity and TMDL for Total P, TDS, TSS			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type: SOI's			
Inspection frequency: Monthly			
Maintenance frequency: As needed			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Stormwater runs to DI's in the yard which then discharde int the City of Elko MS4. Other stormwater infiltrates on site.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: 4 x per year			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: At least once a month			
Notes: Facility is overall very clean. Reminded to place drip pans or other appropriate containment underneath equipment that is leaking.			

Non-Compliance Issues

Leaks underneath units 1416 and 1630. Fix leaks and properly store hoses on various plows being stored. Remove sediment from around the perimeter of wash pad.

Certification and Signature

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Old Baker Maintenance Station	Date:	2/23/15
Facility Location:	US-6 WP 91.5		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :			
Facility Supervisor II :	Eric Trujillo		

Weather Conditions at Time of Inspection:

1. Temperature (°F)	30
2. Precipitation	0
3. Wind (mph)	10-15

Fueling Area

1. Is there a fueling area located at this facility?	~~Yes~~	No	
Fuel type(s): Diesel			
2. Are fuel pumps leaking?	Yes	~~No~~	
3. Are fuel spills present in fueling area?	Yes	~~No~~	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	~~Yes~~	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	~~No~~	
Items stored:			
6. Is there a spill kit at this location?	~~Yes~~	No	
Is it properly signed and labeled?	Yes	~~No~~	

Notes: No sign stating there is a Spill Kit.

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	Yes	~~No~~	
Types:			
2. Are vehicle/equipment leaks present?	Yes	~~No~~	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			

Notes:

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	Yes	~~No~~	
2. Is minor equipment servicing performed at this facility?	Yes	~~No~~	
3. Are there appropriate used equipment fluid receptacles?	Yes	No	N/A
Are they properly labeled?	Yes	No	N/A
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	~~No~~	
4. Are there any vehicles/equipment currently leaking?	Yes	~~No~~	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	N/A
Notes:			

Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Fencing, Pipe, Salt/Sand			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	N/A
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes:			

Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Misc Supplies Stored.			

Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			

Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	N/A
3. Is the wash pad area sufficiently engineered?	Yes	No	N/A
4. Is the wash pad properly maintained?	Yes	No	N/A
Sediment Removal Frequency:			
Interceptor Inspection Frequency:			
Interceptor Clean-Out Frequency:			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	~~No~~	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	N/A
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	~~No~~	
Is this a 303(d) Impaired Waters listing?	Yes	~~No~~	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	~~No~~	
Type:			
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	~~No~~	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	~~No~~	N/A
Source of run-on:			
Notes: Most stormwater pools in center of yard and evaporates. Some flows NE to vegetated area. Facility is surrounded by earth berm.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency:			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency:			

Notes: Facility is in good shape.

Non-Compliance Issues

Place label for spill kit location

Certification and Signature

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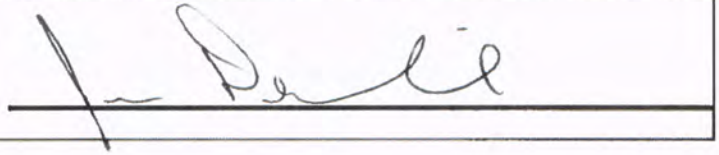

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage Baker Pit**	Date:	06/29/15	
Facility Location:	SR-487 WP 9.0 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline	Pit # WP 21-02		
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	85			
2. Precipitation:	None			
3. Wind (mph):	5-10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Agg stockpiles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows north to vegetated upland areas for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage-Drum Pit** Date: 06/29/15			
Facility Location:	US-50 WP 44.0 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	85			
2. Precipitation:	None			
3. Wind (mph):	5-10 MPH			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Agg stockpiles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates on site				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage-Eldorado Pit**	Date:	06/29/15	
Facility Location:	US-93 WP 59.0 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline	**Pit # CC025129**		
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	87			
2. Precipitation:	None			
3. Wind (mph):	5-10 MPH			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Agg Stockpiles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates on site.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage-Moorman Rch** Date: 06/29/15			
Facility Location:	US-50 WP 34.4 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	84			
2. Precipitation:	None			
3. Wind (mph):	calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	sand/salt			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: No material here at this time				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater would flow south east to upland vegetated area for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage Pit**	Date:	06/29/15	
Facility Location:	SR-893 WP 3.0 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline	Pit # WP33-01		
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	88			
2. Precipitation:	None			
3. Wind (mph):	5-10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt/sand, agg stockpiles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates on site.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage Pit**	Date:	06/29/15	
Facility Location:	SR-893 WP 29.0 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline	Pit # NEV004750		
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	88			
2. Precipitation:	None			
3. Wind (mph):	5-10 MPH			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Agg. Stockpiles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:	Scrap metal on site.			
Are BMPs properly implemented?		Yes	No	N/A
Notes: Eric informed me the metal will be hauled off in the near future.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater mostley infiltrates on site.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage Pit**	Date:	06/29/15	
Facility Location:	US-93 WP 2.0 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline	Pit # CC020120		
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	88			
2. Precipitation:	None			
3. Wind (mph):	5-10 MPH			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Agg. Stockpiles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates on site.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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Authorized Signature: Jason Demaline

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Ely Bone Yard**	Date:	08/26/14	
Facility Location:	US-6 WP 40.7 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline/James Murphy			
Title(s):	NDOT Water Quality Section, Staff 2/Sup. 3			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	67			
2. Precipitation:	Yes			
3. Wind (mph):	~ 10-12 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Fencing, guardrail parts, cmp,cattle guards,ect.			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Recommend disposal of unused items				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: No offsight discharge. Located in a depression				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Ely Storage Cedar Park**	Date:	08/26/14	
Facility Location:	US-6 WP 40.4 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline/James Murphy			
Title(s):	NDOT Water Quality Section, Staff 2/Sup. 3			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	67			
2. Precipitation:	Yes			
3. Wind (mph):	~ 5-12 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	sand/salt			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: (Located on north side of US-6) Loader parked here.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheetflows northeast. Earthen berm on north end has been breached in a couple places, recommend repair of earthen berm.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)] **Authorized Signature:**				

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Ely Maintenance Station			Date:	08/26/14
Facility Location: US-93 WP 54.28				
Inspector(s): Jason Demaline/James Mı				
Title(s): Staff II, Associate Engineer (Water Quality Section)/Sup. 3				
Facility Supervisor II : Eric Trujillo				
Maintenance Manager : Louie Echegaray				
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	69			
2. Precipitation	Rain			
3. Wind (mph)	10-12 mph			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Diesel and unleaded				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:	Floor Dry applied			
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes:				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Multi maintenance equipment: Backhoe, vehicles, trailers, ect.				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
Notes: Boot trucks leak from spray bars when parked. Spills need to be cleaned up and disposed of.				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Enclosed faciltiy			

Clean-up measures:			
6. Are batteries properly stored?	Yes	No	N/A
Used oil container dripping and not cleaned. Floor dry has been applied but not swept. Potential for this leak to get into floor drain.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: sand/salt, steel parts, fence, guardrail			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank? Mag Chlor.	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Scrap metal			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes: Scrap metal allowed to accumulate over time, resulting in a large volume of metal waste stored onsite most under overhead cover. Recommend removal of any unused scrap.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes:Signs,fence supplies,lubricants,tires, and other maintenance materials.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	N/A
4. Is the wash pad properly maintained?	Yes	No	N/A
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Annually?			
Interceptor Clean-Out Frequency: As needed			
Notes: Sediment built up on wash pad and in sediment pond. BMP's no longer funtioning properly. Recommend not using.			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes: Storage of waste in container is stored over floor drain. Contact NDOT hazmat for proper disposal.			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes: Minor water leak needs repair. Runoff going into wash pad area.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures: Hoses in boxes			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes: Some residual sand/salt present under racks needs to be cleaned up. Store plow hoses properly.			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type: 1 Drop Inlet			
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			N/A
Inspection frequency:			N/A
Maintenance frequency:			N/A
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A
Notes: Storm water infultrates on sight.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: 4 x annually			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency:			N/A

Notes: Dispose of material not being used. Knap weed at paint storage needs addressed. Several oil leaks in garage. Recommend coverd dumpsters.

Non-Compliance Issues

Oil saturated floor dry around the waste oil receptacle not cleaned up; non-contained hydraulic fluid leak beneath snow blower in garage area; sand/salt, sediment buildup on the wash pad; Leaks from boot truck need cleaned and disposed of.

Certification and Signature

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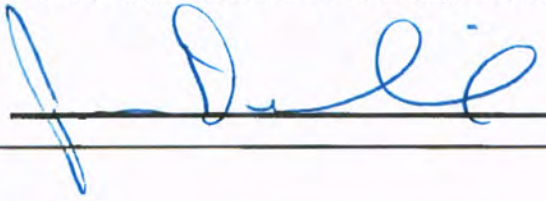
Authorized Signature:



Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage Majors Stat.** Date: 11/18/14			
Facility Location:	US-6 WP 65.0 Assoc. w/ Ely Crews			
Inspector(s):	Karin West			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	38			
2. Precipitation:	None			
3. Wind (mph):	light breeze			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: 1 loader on sight. No leaks				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheetflows east.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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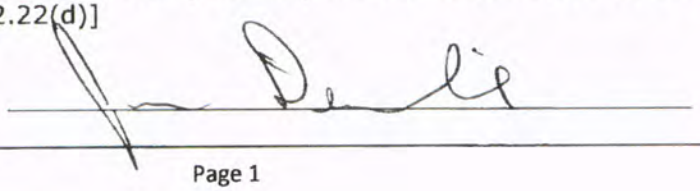
Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage Pit**	Date:	11/19/14	
Facility Location:	US-93 WP 71.0 Assoc. w/ Ely Crews			
Inspector(s):	Jaso Demaline Pit # WP 05-01			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	36			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Aggregate Stockpiles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: NDOT trackhoe on sight. No leaks present				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates on site.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage Pit**	Date:	04/08/14	
Facility Location:	US-93 WP 108.0 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline	Pit # WP 06-03		
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	33			
2. Precipitation:	None			
3. Wind (mph):	light breeze			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Aggregate Stockpiles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater runs north to vegetated upland areas for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage-Schellborne** Date: 11/19/14			
Facility Location:	US-93 WP 92.5 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	37			
2. Precipitation:	None			
3. Wind (mph):	5-10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Salt Sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Sand pad is bermed on all sides.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater would flow north west to upland earthen area for infiltration. Berms around all sides.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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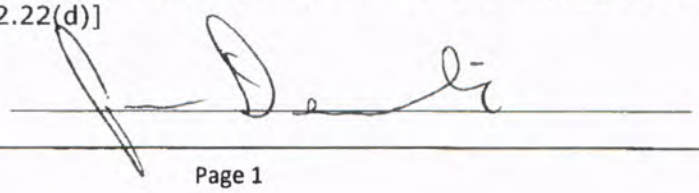
Authorized Signature: 

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Material Pit WP 08-03**	Date:	11/01/14	
Facility Location:	US 6 MP WP-3.8			
Inspector(s):	Jason Demaline			
Title(s):	Water Quality Staff II			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	40			
2. Precipitation:	none			
3. Wind (mph):	15-Oct			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types: pit run material				
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	N/A
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates on sight				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)] **Authorized Signature:**				

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage Pit**	Date:	11/19/14	
Facility Location:	US-93 WP 85.0 Assoc. w/ Ely Crews			
Inspector(s):	Jason Demaline	Pit # WP 05-04		
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	34			
2. Precipitation:	None			
3. Wind (mph):	5-10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Aggregate Stockpiles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater mostly infiltrates on site, but has a chance to discharge to an ephermal drainage to Duck Creek to the west.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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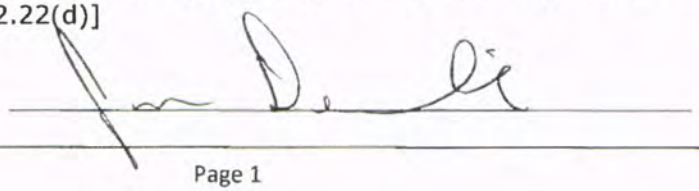
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Ely Storage Pit**	Date:	11/19/14	
Facility Location:	US-93 WP 108.0	Assoc. w/ Ely Crews		
Inspector(s):	Jason Demaline	Pit # WP 06-02		
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :				
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	33			
2. Precipitation:	None			
3. Wind (mph):	light breeze			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Aggregate Stockpiles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates on site.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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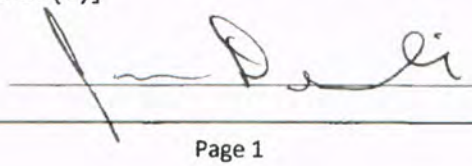
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Emigrant Pass Maint. Station	Date:	2/12/15
Facility Location:	I-80 EA 16.77		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality Staff 2		
Facility Supervisor I :	John Kohot		
Facility Supervisor II :	Jim Hylton		

Weather Conditions at Time of Inspection:			
1. Temperature (°F)	46°		
2. Precipitation	0		
3. Wind (mph)	Calm		

Fueling Area			
1. Is there a fueling area located at this facility?	~~Yes~~	No	
Fuel type(s): Diesel			
2. Are fuel pumps leaking?	Yes	~~No~~	
3. Are fuel spills present in fueling area?	Yes	~~No~~	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	Yes	No	~~N/A~~
5. Is there a "fuel pump house" located at this facility?	~~Yes~~	No	
Items stored: Spill Kit, Floor Absorbant.			
6. Is there a spill kit at this location?	~~Yes~~	No	
Is it properly signed and labeled?	~~Yes~~	No	
Notes: Tanks are underground.			

Vehicle/Equipment Parking Areas			
1. Are vehicles and/or equipment staged outside?	~~Yes~~	No	
Types: Misc. maint. equipment.			
2. Are vehicle/equipment leaks present?	Yes	~~No~~	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures: Floor dry when needed.			
Notes:			

Equipment Maintenance/Repair Facilities			
1. Are major vehicle/equipment repairs performed at this facility?	Yes	~~No~~	
2. Is minor equipment servicing performed at this facility?	~~Yes~~	No	
3. Are there appropriate used equipment fluid receptacles?	~~Yes~~	No	
Are they properly labeled?	~~Yes~~	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	~~Yes~~	No	
4. Are there any vehicles/equipment currently leaking?	~~Yes~~	No	
5. Have BMPs been implemented to address leaks/spills?	~~Yes~~	No	N/A
Containment measures: Drip Pans placed.			
Clean-up measures: Floor dry if needed			

6. Are batteries properly stored?	Yes	~~No~~	
Notes:			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Salt/Sand, Pipe rend sections, fencing, guardrail			
BMPs properly implemented?	~~Yes~~	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	N/A
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	~~Yes~~	No	
Types: Roadside Debris, Tires, ect.			
BMPs properly implemented?	~~Yes~~	No	
7. Is striping paint stored on the facility?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
Notes: Tires hauled to landfill when a full truckload is on hand.			
Cold Storage Areas			
1. Are cold storage areas present?	~~Yes~~	No	
Notes: Various maint. supplies stored.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	~~No~~	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	~~Yes~~	No	
2. Is there an engineered wash pad at this facility?	~~Yes~~	No	
3. Is the wash pad area sufficiently engineered?	~~Yes~~	No	
4. Is the wash pad properly maintained?	~~Yes~~	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: As needed			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	~~No~~	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	~~Yes~~	No	
2. Are there water leaks or is there water running?	Yes	~~No~~	
3. Are there signs of an offsite discharge?	Yes	~~No~~	
Notes: Not used at this time.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	~~Yes~~	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	~~No~~	
3. Are there any equipment leaks?	Yes	~~No~~	
4. Have BMPs been properly implemented to address leaks/spills?	~~Yes~~	No	
Containment measures: wrapped and placed in plastic bags.			
Clean-up measures:			
5. Are spreader hoses stored properly?	~~Yes~~	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	~~Yes~~	No	
Is this a Waters of the United States?	Yes	~~No~~	
Is this a 303(d) Impaired Waters listing?	Yes	~~No~~	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	~~Yes~~	No	
Type: DI			
BMPs properly implemented?	~~Yes~~	No	
Hydraulic facilities properly maintained?	~~Yes~~	No	
3. Are there stormwater treatment facilities, i.e. interceptors	~~Yes~~	No	
Type: SOI			
Inspection frequency: Quarterly			
Maintenance frequency: As needed			
4. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			
Notes: Stormwater could have Potential to reach Primeaux Springs. Berms placed around facility make this very unlikely.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency:			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency:			

Notes: Facility is very clean BMP's are properly placed and operational

Non-Compliance Issues

None

Certification and Signature

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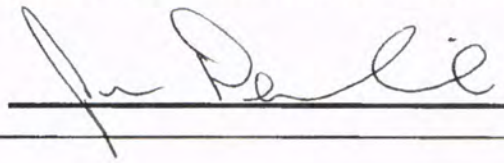
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Dunphy Storage**	Date:	10/22/14	
Facility Location:	FR-02 EU 2.0 Assoc. w/ Emigrant Pass Crew			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	John Kohot			
Facility Supervisor II :	Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	50			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	sand salt			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Asphalt berm along north perimiter.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes:				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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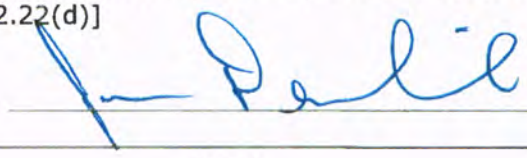
Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Emigrant Storage**	Date:	11/05/14	
Facility Location:	SR-306 EU 2.9 Assoc. w/ Emigrant Pass Crew			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	John Kohot			
Facility Supervisor II :	James Hylton			
Weather at Time of Inspection:				
1. Temperature (°F):	45			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	millings, fill material			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows west to roadside ditch along SR-306 for infiltration. Most infiltrates on sight.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Emigrant Storage**	Date:	11/05/14	
Facility Location:	SR-306 LA 10.1 Assoc. w/ Emigrant Pass Crew			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	John Kohot			
Facility Supervisor II :	James Hylton			
Weather at Time of Inspection:				
1. Temperature (°F):	47			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	millings, salt/sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Stockpile pad has berm on west and north sides.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Most stormwater stays on paved pad. Stormwater that does flow off pad goes to roadside ditch along SR-306 to infiltrate.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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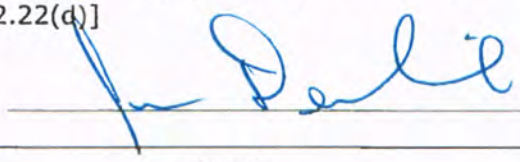
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Eureka Maint. Station	Date:	3/4/15
Facility Location:	US 50 EU-36.75		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	John Schweble		
Facility Supervisor II :	Eric Trujillo		

Weather Conditions at Time of Inspection:

1. Temperature (°F)	35
2. Precipitation	∅
3. Wind (mph)	light

Fueling Area

1. Is there a fueling area located at this facility?	~~Yes~~	No	
Fuel type(s):	Diesel + unleaded		
2. Are fuel pumps leaking?	Yes	~~No~~	
3. Are fuel spills present in fueling area?	Yes	~~No~~	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	~~Yes~~	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	~~No~~	
Items stored:			
6. Is there a spill kit at this location?	~~Yes~~	No	
Is it properly signed and labeled?	~~Yes~~	No	

Notes:

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	~~Yes~~	No	
Types:			
2. Are vehicle/equipment leaks present?	Yes	~~No~~	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			

Notes:

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	Yes	~~No~~	
2. Is minor equipment servicing performed at this facility?	~~Yes~~	No	
3. Are there appropriate used equipment fluid receptacles?	~~Yes~~	No	
Are they properly labeled?	~~Yes~~	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	~~Yes~~	No	
4. Are there any vehicles/equipment currently leaking?	Yes	~~No~~	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	~~N/A~~
Notes:			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Various maint. Supplies			
BMPs properly implemented?	~~Yes~~	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	N/A
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	
Notes:			
Cold Storage Areas			
1. Are cold storage areas present?	~~Yes~~	No	
Notes: Tires, Signs, Cones, ect.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	~~No~~	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	~~No~~	
2. Is there an engineered wash pad at this facility?	Yes	~~No~~	
3. Is the wash pad area sufficiently engineered?	Yes	~~No~~	
4. Is the wash pad properly maintained?	Yes	No	~~N/A~~
Sediment Removal Frequency:			
Interceptor Inspection Frequency:			
Interceptor Clean-Out Frequency:			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	~~Yes~~	No	
2. Are they currently being used?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	~~No~~	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	~~Yes~~	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	~~No~~	
3. Are there any equipment leaks?	Yes	~~No~~	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	~~Yes~~	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	~~No~~	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	~~Yes~~	No	
Type: SOI in shop			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			
Notes: stormwater sheet flows to the East to adjacent roadway and then to County Sewer.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	~~Yes~~	No	
2. Is the facility mechanically swept on a regular basis?	~~Yes~~	No	
Frequency: Monthly			
3. Is there trash buildup within and/or around the facility?	Yes	~~No~~	
4. Is trash placed in appropriate receptacles?	~~Yes~~	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency:			
Notes:			

Non-Compliance Issues

None at this time. There was residual sand in the yard from the storm the days before. Crew was in process of cleaning as the inspection went on.

Certification and Signature

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Echo P.T	Date: 3/4/15		
Facility Location: US-50 EA 26.2			
Inspector(s): Jason Demaline			
Title(s): NDOT Water Quality			
Facility Supervisor I : John Schwebke			
Facility Supervisor II : Eric Tomsillo			
Weather at Time of Inspection:			
1. Temperature (°F): 38			
2. Precipitation: 0			
3. Wind (mph): light			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Agg Piles			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~
Notes:			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	~~N/A~~
Is this a 303(d) Impaired Waters listing?	Yes	No	~~N/A~~
Impaired constituents:			~~N/A~~
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			~~N/A~~
Notes: Stormwater infiltrates onsite			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	~~Yes~~	No	
Notes:			
Non-Compliance Issues			
None			

III.M.4 Certified and Signed

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Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: US 50 W.P. 4.0 Strawberry Storage Date: 3/11/15			
Facility Location: US 50 W.P. 4.0			
Inspector(s): Jason Demaline			
Title(s): NDOT Water Quality			
Facility Supervisor I : John Schweble			
Facility Supervisor II : Eric Trujillo			
Weather at Time of Inspection:			
1. Temperature (°F): 52			
2. Precipitation: 0			
3. Wind (mph): 10-15			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Salt Sand			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~
Notes: Loader on site. No visible leaks			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	~~N/A~~
Is this a 303(d) Impaired Waters listing?	Yes	No	~~N/A~~
Impaired constituents:			~~N/A~~
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			N/A
Notes: Most stormwater infiltrates on site. Some runs to roadside ditch.			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	~~Yes~~	No	
Notes:			
Non-Compliance Issues			
None at this time			

III.M.4 Certified and Signed

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Authorized Signature: J. Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Collingwood Pit	Date: 3/11/15		
Facility Location: US-50 EV 31.6			
Inspector(s): Jason Demaline			
Title(s): NDOT Water Quality			
Facility Supervisor I : John Schweble			
Facility Supervisor II : Eric Trujillo			
Weather at Time of Inspection:			
1. Temperature (°F): 53			
2. Precipitation: 0			
3. Wind (mph): 10-15			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Agg Piles, CMP, Guardrails			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~
Notes:			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	~~N/A~~
Is this a 303(d) Impaired Waters listing?	Yes	No	~~N/A~~
Impaired constituents:			~~N/A~~
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			~~N/A~~
Notes: Infiltrates on Site			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	~~Yes~~	No	
Notes: Paint chips on ground.			
Non-Compliance Issues			
Dispose of Paint chips that are spread out on Pit floor.			

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Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Eureka Storage P.T	Date:	3/11/15
Facility Location:	SR-892 WP 4.0		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	John Shevelle		
Facility Supervisor II :	Eric Trujillo		

Weather at Time of Inspection:

1. Temperature (°F):	50
2. Precipitation:	0
3. Wind (mph):	10-15

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Agg Piles, Cold mix			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~
Notes:			

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	~~N/A~~
Is this a 303(d) Impaired Waters listing?	Yes	No	~~N/A~~
Impaired constituents:			~~N/A~~
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			~~N/A~~
Notes: Infiltrates on site			

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	~~Yes~~	No	
Notes:			

Non-Compliance Issues

None

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Eureka Storage Pit**	Date:	11/05/14	
Facility Location:	SR-278 EU 16.0 Assoc. w/ Eureka Crew			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Clyde Oram			
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	45			
2. Precipitation:	None			
3. Wind (mph):	5-10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Fill Material			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows south to upland vegetated area for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Independence Maint. Station**	Date: 09/09/14		
Facility Location:	SR-226 EL 19.55			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section Staff 2			
Facility Supervisor I :	Chuck Sollenberger			
Facility Supervisor II :	Dave Brown			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	*78*			
2. Precipitation	*None*			
3. Wind (mph)	*light breeze*			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s):	*Unleaded & Diesel*			
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:	*Spill Kit*			
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes:				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types:	*Misc. maintenance equipment*			
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
Notes: No leaks present at this time.				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				

6. Are batteries properly stored?	Yes	No	N/A
Notes:			

Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: *Fence material, guardrail, sign posts*			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: scrap metal,wood scraps, old concrete sign bases.			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: *Scrap metal stored until full truck load, then taken to Elko. Old wooden pallets and old concrete stored outside of fenced yard.*			

Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: *tires, signs, and patching material.*			

Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			

Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency:			
Interceptor Inspection Frequency: *Annually*			
Interceptor Clean-Out Frequency: *As Needed*			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes:			

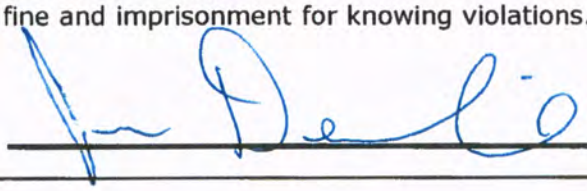
Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite dischage?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures: *Hoses wrapped at ends*			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents: *Phosphorus, Temperature, TSS & Turbidity*			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type: SOI's*located at garage and wash pad*			
Inspection frequency: annually			
Maintenance frequency: as needed			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: *Most of yard is unpaved. Stormwater runs north to vegetated ditch along SR-226 or infiltrates on site. If there was a very heavy storm, stormwater may have the potential to make it to Badger Creek and eventually the Owyhee River.*			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: *not paved*			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency:			
Notes: *Facility very neat and orderly. Outside of the facility fence is a pile of old wood and concrete that should to be disposed of if it is not going to be used.*			

Non-Compliance Issues

Certification and Signature
I certify under penalty that this document and all attachments were prepared undery my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]
Authorized Signature: 

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Tuscarora Junction**	Date:	09/09/14	
Facility Location:	SR-226, EL 19.4			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Chuck Sollenberger			
Facility Supervisor II :	Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	*80*			
2. Precipitation:	*None*			
3. Wind (mph):	*Slight Breeze*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*Cold mix, salt/sand,asphalt*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Recommend removal of old ashpalt and placement of proper BMP's around stockpile.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:	Phosphourus, temperatur, tss, turbitity			N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: *Stormwater flows east towards SR-226, then to large depression where it can pool and infiltrate. In a heavy storm, stormwater has the potential to reach Badger Creek and eventually the Owyhee River.*				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
No BMP's				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Lund Maintenance Station	Date:	2/23/15
Facility Location:	SR-318 WP 11.79		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Cody Maynard		
Facility Supervisor II :	Eric Trujillo		

Weather Conditions at Time of Inspection:	
1. Temperature (°F)	36
2. Precipitation	Ø
3. Wind (mph)	5-10

Fueling Area			
1. Is there a fueling area located at this facility?	~~Yes~~	No	
Fuel type(s):	Diesel & Unleaded		
2. Are fuel pumps leaking?	Yes	~~No~~	
3. Are fuel spills present in fueling area?	~~Yes~~	No	
4. Have BMPs been implemented to address leaks/spills?	~~Yes~~	No	N/A
Containment measures:	Absorbant		
Clean-up measures:	Absorbant		
4. Do above ground fuel tanks have secondary containment?	~~Yes~~	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	~~No~~	
Items stored:			
6. Is there a spill kit at this location?	~~Yes~~	No	
Is it properly signed and labeled?	~~Yes~~	No	

Notes: Old fuel spills.

Vehicle/Equipment Parking Areas			
1. Are vehicles and/or equipment staged outside?	~~Yes~~	No	
Types:	Dist. trucks, other misc. Maintenance equipment		
2. Are vehicle/equipment leaks present?	Yes	~~No~~	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:	Absorbant when needed		

Notes:

Equipment Maintenance/Repair Facilities			
1. Are major vehicle/equipment repairs performed at this facility?	Yes	~~No~~	
2. Is minor equipment servicing performed at this facility?	~~Yes~~	No	
3. Are there appropriate used equipment fluid receptacles?	~~Yes~~	No	
Are they properly labeled?	~~Yes~~	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	~~Yes~~	No	
4. Are there any vehicles/equipment currently leaking?	~~Yes~~	No	
5. Have BMPs been implemented to address leaks/spills?	~~Yes~~	No	N/A
Containment measures:	Absorbant pillows on leaks		
Clean-up measures:	Absorbant		

6. Are batteries properly stored?	~~Yes~~	No	
Notes: Floor absorbant placed on equipment leaks needs to be swept up and disposed of.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Salt/Sand, pipe, guardrail, fencing ect.			
BMPs properly implemented?	~~Yes~~	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	N/A
3. Does the facility have a brine tank?	~~Yes~~	No	
Is there secondary containment?	Yes	~~No~~	
Are leaks present around the pipes and fittings?	Yes	~~No~~	
4. Are sweeping spoils on site?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	~~Yes~~	No	
Types: Roadside Debris			
BMPs properly implemented?	~~Yes~~	No	
7. Is striping paint stored on the facility?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
Notes: Recomend covered storage of all exposed metals. Recomend Secondary containment for Mag tank. All uncovered barrels used for storage need to have lids or placed in doors.			
Cold Storage Areas			
1. Are cold storage areas present?	~~Yes~~	No	
Notes: Misc maintenance materials stored here.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	~~No~~	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	~~Yes~~	No	
2. Is there an engineered wash pad at this facility?	~~Yes~~	No	
3. Is the wash pad area sufficiently engineered?	~~Yes~~	No	
4. Is the wash pad properly maintained?	~~Yes~~	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: As needed			
Notes: SOI to leach field			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	~~No~~	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	~~Yes~~	No	
2. Are there water leaks or is there water running?	Yes	~~No~~	
3. Are there signs of an offsite discharge?	Yes	~~No~~	
Notes: Rarely used.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	~~Yes~~	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	~~No~~	
3. Are there any equipment leaks?	Yes	~~No~~	
4. Have BMPs been properly implemented to address leaks/spills?	~~Yes~~	No	
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	~~Yes~~	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	~~No~~	
Is this a 303(d) Impaired Waters listing?	Yes	~~No~~	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	~~No~~	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	~~Yes~~	~~No~~	
Type: ~~Soil~~			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			
Notes: Stormwater flows to roadside ditch along SR-318			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	~~Yes~~	No	
2. Is the facility mechanically swept on a regular basis?	~~Yes~~	No	
Frequency:			
3. Is there trash buildup within and/or around the facility?	Yes	~~No~~	
4. Is trash placed in appropriate receptacles?	~~Yes~~	No	
5. Are there routine facility clean-up days?	~~Yes~~	No	
Frequency:			
Notes: overall facility is clean.			

Non-Compliance Issues

Remove all barrels without lids that are being used for storage, or Provide lids. Clean floor absorbant from shop floors that was placed to absorb leaking equipment.

Certification and Signature

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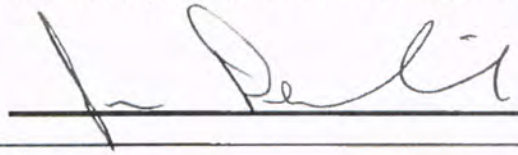

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Old Current Maint. Station	Date:	2/23/15
Facility Location:	US-6 NV 127.1		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Cody Maynard		
Facility Supervisor II :	Eric Trujillo		

Weather Conditions at Time of Inspection:

1. Temperature (°F)	30
2. Precipitation	0
3. Wind (mph)	5-10

Fueling Area

1. Is there a fueling area located at this facility?	Yes	~~No~~	
Fuel type(s):			
2. Are fuel pumps leaking?	Yes	No	N/A
3. Are fuel spills present in fueling area?	Yes	No	N/A
4. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	Yes	No	~~N/A~~
5. Is there a "fuel pump house" located at this facility?	Yes	~~No~~	
Items stored:			
6. Is there a spill kit at this location?	Yes	No	N/A
Is it properly signed and labeled?	Yes	No	N/A

Notes:

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	Yes	~~No~~	
Types:			
2. Are vehicle/equipment leaks present?	Yes	~~No~~	N/A
3. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

Notes:

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	Yes	~~No~~	
2. Is minor equipment servicing performed at this facility?	Yes	~~No~~	
3. Are there appropriate used equipment fluid receptacles?	~~Yes~~	No	
Are they properly labeled?	~~Yes~~	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	~~No~~	
4. Are there any vehicles/equipment currently leaking?	Yes	~~No~~	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	~~N/A~~
Notes: Loader stored in buildings			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Salt/Sand, Guardrail, old Tanks.			
BMPs properly implemented?	~~Yes~~	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	N/A
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	~~No~~	N/A
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
BMPs properly implemented?	Yes	No	N/A
7. Is striping paint stored on the facility?	Yes	~~No~~	N
BMPs properly implemented?	Yes	No	N/A
Notes: Recomend removal of two old rusted tanks.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	~~No~~	
Notes:			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	~~N/A~~
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	~~No~~	
2. Is there an engineered wash pad at this facility?	Yes	~~No~~	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency:			
Interceptor Inspection Frequency:			
Interceptor Clean-Out Frequency:			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	~~Yes~~	No	
2. Are they currently being used?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
Notes: Emulsion testing lab stored in building			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	~~No~~	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	~~No~~	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	~~No~~	
Is this a 303(d) Impaired Waters listing?	Yes	~~No~~	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	~~No~~	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	~~No~~	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			
Notes: Stormwater flows to the North and West into vegetated areas.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	~~Yes~~	No	
2. Is the facility mechanically swept on a regular basis?	~~Yes~~	No	
Frequency:			
3. Is there trash buildup within and/or around the facility?	Yes	~~No~~	
4. Is trash placed in appropriate receptacles?	~~Yes~~	No	
5. Are there routine facility clean-up days?	~~Yes~~	No	
Frequency: When time allows			
Notes: Recomend removal of old tanks.			

Non-Compliance Issues

None

Certification and Signature

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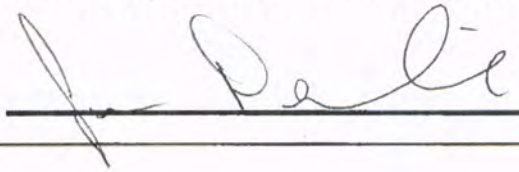
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Lund Pit Storage**	Date:	06/30/15	
Facility Location:	SR-318 NY 12.0 Assoc. w/ Lund Crew			
Inspector(s):	Jason Demaline	Pit# NY33-02		
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Cody Maynard			
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	80			
2. Precipitation:	None			
3. Wind (mph):	5-10 MPH			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	pit run, chips			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates onsite. Drainage run near the south end of this site.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Lund Pit Storage**	Date:	06/30/15	
Facility Location:	SR-318 WP 7.9 Assoc. w/ Lund Crew			
Inspector(s):	Jason Demaline	Pit#	WP24-02	
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Cody Maynard			
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	80			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	agg stock piles			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows south to vegetated upland area for infiltration. Some stormwater infiltrates on sight				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 Certified and Signed				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Lund Pit Storage**	Date:	06/30/15	
Facility Location:	SR-379 NY 5.4 Assoc. w/ Lund Crew			
Inspector(s):	Jason Demaline	Pit#	NY20-01	
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Cody Maynard			
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	82			
2. Precipitation:	None			
3. Wind (mph):	5- 10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	pit run, chips, sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater mostly infiltrates onsite. Some flows southwest to roadside ditch along SR-379.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Sunnyside Rest Area	Date:	06/30/15	
Facility Location:	SR-318 NY 20.9			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section Staff 2			
Facility Supervisor I :	Cody Maynard			
Facility Supervisor II :	Eric Trujillo			
Weather at Time of Inspection:				
1. Temperature (°F):	80			
2. Precipitation:	None			
3. Wind (mph):	0-5			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types: sand/salt				
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: stormwater ifiltrates into a vegetated upland area				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 Certified and Signed

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Authorized Signature: Jason Demaline

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**No. Fork Material Storage**	Date:	09/09/14	
Facility Location:	SR-225, EL 56.5			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality, Staff 2			
Facility Supervisor I :	Chuck Sollenberger			
Facility Supervisor II :	Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	*80*			
2. Precipitation:	*None*			
3. Wind (mph):	*light breeze*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*Salt/Sand*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: *Recommend installing BMP's around stockpile.*				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheet flows east to roadside ditch, then north to vegetated area where it infilitrates.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
No BMP's				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**North Fork Maint. Station**	Date: 09/09/14		
Facility Location:	SR-225 EL 77.88			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section Staff 2			
Facility Supervisor I :	Chuck Sollenberger			
Facility Supervisor II :	Dave Brown			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	*80*			
2. Precipitation	*none*			
3. Wind (mph)	*light breeze*			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s):	*Unleaded/Diesel*			
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes: *Only unleaded gas in above ground tank.*				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types:Loader, flatbed trailer, misc maintenance equipment				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
Notes:No leaks present on vehicles parked outside.				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Absorbant pads placed over grates in shop.			
Clean-up measures:				

6. Are batteries properly stored?	Yes	No	N/A
Notes: All major repairs sent to Elko.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: *Normal maintenance materials, guardrail, fencing, signs, ect.*			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: *scrap metal, tires, roadside debris, old guide posts*			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: Stockpiles of used guideposts need disposed of.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes:			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes: Round Up			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: *2x per year/as needed*			
Interceptor Inspection Frequency: *Annually*			
Interceptor Clean-Out Frequency: *As needed*			
Notes: *SOI to leach field.*			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite dischage?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents: E. Coli, Manganese, Total Phosphorus			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type: *soi's from garage, at wash pad and at fuel pumps*			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type: *soi's from garage, at wash pad and at fuel pumps*			
Inspection frequency: *Annually*			
Maintenance frequency: *As needed*			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on: *Some from SR-225*			
Notes: Stormwater sheetflows northwest to SR-225 thru 18" CMP that goes under SR-225 and into a field for infiltration, however if heavy, stormwater can reach the North Fork of the Humboldt River.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: As needed			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency:			

Notes: The pavement in this yard is in bad shape making it hard to sweep. The pavement is going to be replaced in the future. Old guide posts stacked in yard need disposed of.

Non-Compliance Issues

Certification and Signature

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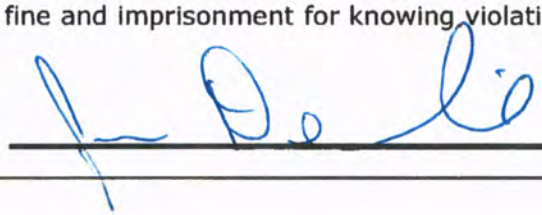
Authorized Signature: 

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**No. Fork Material Storage**	Date:	09/09/14	
Facility Location:	SR-225, EL 78.5 (Maggies)			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality, Staff 2			
Facility Supervisor I :	Chuck Sollenberger			
Facility Supervisor II :	Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	*80*			
2. Precipitation:	*none*			
3. Wind (mph):	*Slight Breeze*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*salt/sand, cold mix*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Prober BMP's need installed around stockpile.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Most of the stormwater infiltrates on sight, what doesn't flows east to a vegetated ditch.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
No BMP's				
III.M.4 **Certified and Signed**				
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Authorized Signature:				

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**No. Fork Material Storage**	Date:	09/09/14	
Facility Location:	SR-225, EL 109.1			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality, Staff 2			
Facility Supervisor I :	Chuck Sollenberger			
Facility Supervisor II :	Jim Hylton			
Weather at Time of Inspection:				
1. Temperature (°F):	*81*			
2. Precipitation:	*None*			
3. Wind (mph):	*Light Breeze*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*Salt/Sand, Millings,agg*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: No BMP's around salt/sand pile.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheet flows off salt/sand pad into roadside ditch. The flow hase caused some rills on backslope of roadside ditch.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
No BMP's in place around stockpile.				
III.M.4 **Certified and Signed**				
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Authorized Signature:				

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: McDermitt S/S Storage	Date: 5/19/15		
Facility Location: US 95 MU 71.1			
Inspector(s): Jason Demaline			
Title(s): NDOT Water Quality Staff 2			
Facility Supervisor I : Jeromie Sorhouet			
Facility Supervisor II : Shawn DeForest			
Weather at Time of Inspection:			
1. Temperature (°F): 53			
2. Precipitation: light rain			
3. Wind (mph): 5-10			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Salt/Sand			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~
Notes: Wattles around perimiter of pile			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			~~N/A~~
Notes: Sheet flows to vegetated area.			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	~~Yes~~	No	
Notes:			
Non-Compliance Issues			
None			

III.M.4 Certified and Signed

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Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Orvada Maint. Station**	Date: 05/20/15		
Facility Location:	US-95 HU 43.5			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality			
Facility Supervisor I :	Jeromie Sorhouet			
Facility Supervisor II :	Shaun Deforest			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	51			
2. Precipitation	light rain			
3. Wind (mph)	10-May			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Diesel and Unleaded				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes:				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Misc. Maintenance Equipment/Vehicles				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
Notes: Hydraulic hoses on plows need stored properly				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				

6. Are batteries properly stored?	Yes	No	
Notes:			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: salt/sand, guardrail, fence, etc.			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Steel,Tires			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes:			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Signs,tools, various maint. supplies stored here			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: As Needed			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: As Needed			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes: Hoses stored inside of spreaders.			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Stormwater flows west towards US-95 roadside ditch. Crew has installed wattles around yard perimiter			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency:			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: As schedule allows			
Notes: This facility is kept clean and orderly.			

Non-Compliance Issues
Improper storage of hydraulic hoses.

Certification and Signature
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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Orvada P.t storage	Date:	5/19/15
Facility Location:	US 95 HU 46.13	Pit#	HU06-03
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality Staff 2		
Facility Supervisor I :	Jerome Sorhuet		
Facility Supervisor II :	Shawn Deforest		

Weather at Time of Inspection:

1. Temperature (°F):	51
2. Precipitation:	rain
3. Wind (mph):	5-10

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Agg piles			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			N/A

Notes: Infiltrates on site

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	~~Yes~~	No	

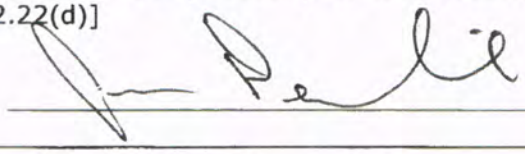
Notes:

Non-Compliance Issues

None

III.M.4 Certified and Signed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Paradise Hill S/S Storage**	Date:	5/19/1[illegible]5	
Facility Location:	US-95 HU 22.2			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality			
Facility Supervisor I :	Jeromie Sorhouet			
Facility Supervisor II :	Shaun Defores			
Weather at Time of Inspection:				
1. Temperature (°F):	56			
2. Precipitation:	Light rain			
3. Wind (mph):	10-May			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Salt/Sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows north and south to vegetated areas.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:	Jason Demaline			

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Sod House S/S Storage	Date:	5/19/15
Facility Location:	SR-140 HV 14.5		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality Staff Z		
Facility Supervisor I :	Jerome Sorhouet		
Facility Supervisor II :	Shawn Deforest		

Weather at Time of Inspection:

1. Temperature (°F):	54°
2. Precipitation:	light rain
3. Wind (mph):	5-10

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Salt/Sand			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~

Notes: wattles around P.R

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			~~N/A~~

Notes: sheetflows to the east to a vesetated area

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	~~Yes~~	No	

Notes:

Non-Compliance Issues

None

III.M.4 Certified and Signed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Pequop Maintenance Station		Date:	3/17/15
Facility Location:	I-80 EL 98.06			
Inspector(s):	Jason Demaine			
Title(s):	NDOT Water Quality			
Facility Supervisor I :	Willy Whitaker			
Facility Supervisor II :	Tom Pearson			

Weather Conditions at Time of Inspection:	
1. Temperature (°F)	53
2. Precipitation	Ø
3. Wind (mph)	Calm

Fueling Area			
1. Is there a fueling area located at this facility?	~~Yes~~	No	
Fuel type(s): Diesel			
2. Are fuel pumps leaking?	Yes	~~No~~	
3. Are fuel spills present in fueling area?	Yes	~~No~~	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	~~Yes~~	No	N/A
5. Is there a "fuel pump house" located at this facility?	~~Yes~~	No	
Items stored:			
6. Is there a spill kit at this location?	~~Yes~~	No	
Is it properly signed and labeled?	~~Yes~~	No	
Notes: Leak from previous inspection has been fixed.			

Vehicle/Equipment Parking Areas			
1. Are vehicles and/or equipment staged outside?	Yes	~~No~~	
Types:			
2. Are vehicle/equipment leaks present? old leaks	Yes	~~No~~	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			
Notes:			

Equipment Maintenance/Repair Facilities			
1. Are major vehicle/equipment repairs performed at this facility?	Yes	~~No~~	
2. Is minor equipment servicing performed at this facility?	Yes	~~No~~	
3. Are there appropriate used equipment fluid receptacles?	Yes	~~No~~	
Are they properly labeled?	Yes	No	N/A
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	~~No~~	
4. Are there any vehicles/equipment currently leaking?	Yes	~~No~~	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	N/A
Notes:			

Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Salt/Sand, Guardrail, Cattle Guards, Pipes			
BMPs properly implemented?	~~Yes~~	No	
2. Does the facility have an enclosed structure for sand/salt?	~~Yes~~	No	N/A
3. Does the facility have a brine tank?	~~Yes~~	No	
Is there secondary containment?	Yes	~~No~~	
Are leaks present around the pipes and fittings?	Yes	~~No~~	
4. Are sweeping spoils on site?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	NA
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	NA
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
BMPs properly implemented?	Yes	No	NA
7. Is striping paint stored on the facility?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	NA
Notes: Recomend removal of any unusable materials. Recomend secondary containment for Mugtank.			

Cold Storage Areas			
1. Are cold storage areas present?	~~Yes~~	No	
Notes: Misc Maintenance Supplies, Roller, ect.			

Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	~~No~~	N/A
Notes:			

Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	~~No~~	
2. Is there an engineered wash pad at this facility?	Yes	~~No~~	
3. Is the wash pad area sufficiently engineered?	Yes	No	NA
4. Is the wash pad properly maintained?	Yes	No	NA
Sediment Removal Frequency:			
Interceptor Inspection Frequency:			
Interceptor Clean-Out Frequency:			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	~~No~~	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	~~No~~	
2. Are there water leaks or is there water running?	Yes	No	N/A
3. Are there signs of an offsite discharge?	Yes	No	N/A
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	~~No~~	
2. Is there any residual sand/salt on the ground near equipment?	Yes	~~No~~	
3. Are there any equipment leaks?	Yes	~~No~~	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	N/A
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	~~No~~	
Is this a 303(d) Impaired Waters listing?	Yes	~~No~~	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	~~No~~	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	~~No~~	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			
Notes: Stormwater sheet flows south to vegetated area. Crew was in process of placing a rip rap barrier between asphalt and vegetated area.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: Quarterly			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: when time allows			
Notes: Facility has been cleaned from the last inspection. ongoing removal of unused Items.			

Non-Compliance Issues

None at this time. Previous issues have been taken care of.

Certification and Signature

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	1000 Creek S/S storage	Date:	5/19/15
Facility Location:	SR-140 HU 88.2		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality Staff 2		
Facility Supervisor I :	Curtis Tollefsrud		
Facility Supervisor II :	Shawn Deforest		

Weather at Time of Inspection:

1. Temperature (°F):	52
2. Precipitation:	rain
3. Wind (mph):	5-10

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	~~Yes~~	No	
Types:	salt/sand		
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~

Notes: stockpile moved. only used in Winter.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			~~N/A~~

Notes: Sheet flows to vegetated area

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	~~Yes~~	No	

Notes:

Non-Compliance Issues

None

III.M.4 Certified and Signed

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Cedarville Pit HU 28-01	Date: 5/19/15	
Facility Location:	SR-140 HU-100.0		
Inspector(s):	Jason Penaline		
Title(s):	NDOT Water Quality Staff 2		
Facility Supervisor I :	Curtis Tollefsrud		
Facility Supervisor II :	Shawn Detonest		
Weather at Time of Inspection:			
1. Temperature (°F):	53		
2. Precipitation:	rain		
3. Wind (mph):	5-10		
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Ags piles			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~
Notes:			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			~~N/A~~
Notes: Infiltrates on site			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	Yes	No	
Notes:			
Non-Compliance Issues			
None			

III.M.4 **Certified and Signed**

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Quin River Maint. Station**	Date: 05/20/15		
Facility Location:	SR-140 HU 51.8			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality			
Facility Supervisor I :	Curtis Tollesfsrud			
Facility Supervisor II :	Shaun Deforest			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	55			
2. Precipitation	light rain			
3. Wind (mph)	10-May			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s):				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes: Unleaded above ground, Diesel underground				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Various maintenance equipment/vehicles				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
Notes:				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				

6. Are batteries properly stored?	Yes	No	N/A
Notes:			

Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: salt/sand,cold mix, guardrail, pipe, fence, etc.			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes: A motherstockpile is located here. All salt/sand from Wilson and Thousand Creeks is moved here for the summer.			

Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes:			

Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			

Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: quarterly			
Interceptor Clean-Out Frequency: as needed			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes: Hoses stored inside spreaders.			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Stormwater flows south to a roadside ditch along SR-140. Some stormwater also flows east to a vegeatated area for infiltration.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency:			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Monthly			
Notes: Facility kept clean and orderly			

Non-Compliance Issues
None

Certification and Signature
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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Wilson S/S Storage		Date: 5/19/15	
Facility Location: SR-140 HU 109.9			
Inspector(s): Jason Demaline			
Title(s): NDOT Water Quality Staff 2			
Facility Supervisor I : Curtis Tollefsrud			
Facility Supervisor II : Shawn Deforest			
Weather at Time of Inspection:			
1. Temperature (°F): 54			
2. Precipitation: light rain			
3. Wind (mph): 5 10			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Salt/Sand			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~
Notes: Pile Moved. Only used in Winter			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			~~N/A~~
Notes: sheet flows to roadside ditch.			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	Yes	No	
Notes:			
Non-Compliance Issues			
None			

III.M.4 Certified and Signed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Ruby Valley	Date:	2/25/15	
Facility Location:	SR-229 EL 35.47			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality			
Facility Supervisor I :	Renee Duffy			
Facility Supervisor II :	Tom Pearson			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	44			
2. Precipitation	0			
3. Wind (mph)	10-15 MPH			
Fueling Area				
1. Is there a fueling area located at this facility?		~~Yes~~	No	
Fuel type(s):	Diesel + unleaded			
2. Are fuel pumps leaking?		Yes	~~No~~	
3. Are fuel spills present in fueling area?		Yes	~~No~~	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	~~N/A~~
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	~~N/A~~
5. Is there a "fuel pump house" located at this facility?		~~Yes~~	No	
Items stored:				
6. Is there a spill kit at this location?		~~Yes~~	No	
Is it properly signed and labeled?		~~Yes~~	No	
Notes:				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		~~Yes~~	No	
Types:	Motorgrader, 10 wheeler, Plows, misc. maint. equipment			
2. Are vehicle/equipment leaks present?		Yes	~~No~~	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	~~N/A~~
Containment measures:				
Clean-up measures:				
Notes:				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	~~No~~	
2. Is minor equipment servicing performed at this facility?		Yes	~~No~~	
3. Are there appropriate used equipment fluid receptacles?		~~Yes~~	No	
Are they properly labeled?		~~Yes~~	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	~~No~~	
4. Are there any vehicles/equipment currently leaking?		Yes	~~No~~	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	~~N/A~~
Containment measures:				
Clean-up measures:				

6. Are batteries properly stored?	Yes	No	~~N/A~~
Notes:			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Cold mix, Curb, Fence, guardrail			
BMPs properly implemented?	~~Yes~~	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	N/A
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
Are leaks present around the pipes and fittings?	Yes	No	~~N/A~~
4. Are sweeping spoils on site?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	~~Yes~~	No	
Types: Roadside garbage, Scrap metal, (Hauled off, when there is a full truck load.)			
BMPs properly implemented?	~~Yes~~	No	
7. Is striping paint stored on the facility?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	~~N/A~~
Notes:			
Cold Storage Areas			
1. Are cold storage areas present?	~~Yes~~	No	
Notes: Signs, Broom, misc supplies stored here.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	~~N/A~~
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	~~No~~	
2. Is there an engineered wash pad at this facility?	Yes	No	~~N/A~~
3. Is the wash pad area sufficiently engineered?	Yes	No	~~N/A~~
4. Is the wash pad properly maintained?	Yes	No	~~N/A~~
Sediment Removal Frequency:			
Interceptor Inspection Frequency:			
Interceptor Clean-Out Frequency:			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	~~No~~	
2. Are they currently being used?	Yes	No	NA
BMPs properly implemented?	Yes	No	NA
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	~~Yes~~	No	
2. Are there water leaks or is there water running?	Yes	~~No~~	
3. Are there signs of an offsite discharge?	Yes	~~No~~	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	~~Yes~~	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	~~No~~	
3. Are there any equipment leaks?	Yes	~~No~~	
4. Have BMPs been properly implemented to address leaks/spills?	~~Yes~~	No	
Containment measures: Hoses stored in beds.			
Clean-up measures:			
5. Are spreader hoses stored properly?	~~Yes~~	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	NA
Is this a 303(d) Impaired Waters listing?	Yes	No	NA
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	~~No~~	
Type:			
BMPs properly implemented?	Yes	No	NA
Hydraulic facilities properly maintained?	Yes	No	NA
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	~~No~~	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			
Notes: Stormwater flows east to vegetated area for infiltration.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	~~Yes~~	No	
2. Is the facility mechanically swept on a regular basis?	~~Yes~~	No	
Frequency: Twice a year			
3. Is there trash buildup within and/or around the facility?	Yes	~~No~~	
4. Is trash placed in appropriate receptacles?	~~Yes~~	No	
5. Are there routine facility clean-up days?	~~Yes~~	No	
Frequency: when time allows			
Notes: Facility is kept very neat. This facility is scheduled for paving in near future.			

Non-Compliance Issues

None

Certification and Signature

I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**3 C Pit Storage**	Date:	11/05/14	
Facility Location:	SR-229 EL 43.3	Assoc. with Ruby Valley		
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	Renee Duffy			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	50			
2. Precipitation:	None			
3. Wind (mph):	5-10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	pit run, fill material			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Loader present				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates onsite.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: _____

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Salvage Yard**	Date:	05/20/15	
Facility Location:	FR HU 15.0			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality			
Facility Supervisor I :				
Facility Supervisor II :	Shaun Deforest			
Weather at Time of Inspection:				
1. Temperature (°F):	62			
2. Precipitation:	0			
3. Wind (mph):	light			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt/sand,fence,cattle guards,ect.			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Mother stockpile of salt/sand stored here. Piles from Cosgrave and Reinhart are hauled here for the summer.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes:				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature: Jason Demaline				

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Suzi Creek Storage Site** Date: 10/22/14			
Facility Location:	I-80 EL 4.2 Carlin			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	Shanke McKinnon			
Facility Supervisor II :	Manager: Dave Brown			
Weather at Time of Inspection:				
1. Temperature (°F):	52			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt/sand, fencing, guardrail, cattle guards,millings			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a Mag tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:Roadside debris				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Share site with Dept. of Forestry. Roadside debris disposed of when there is a full load. Mag tank has barrier rail around perimiter with absorbant wattles placed inside				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows to adjacent vegetated upland area for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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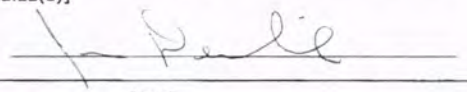
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Wells East Storage Yard	Date:	2/11/15
Facility Location:	I-80 EL 76.65		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality Staff 2		
Facility Supervisor I :	Willy Whitaker		
Facility Supervisor II :	Tom Pearson		

Weather at Time of Inspection:

1. Temperature (°F):	35°
2. Precipitation:	Ø
3. Wind (mph):	Calm

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Salt/Sand, Future Wildlife Structure, Snow fence			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~

Notes: 1 loader on site. Yard kept neat and clean.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	~~N/A~~
Is this a 303(d) Impaired Waters listing?	Yes	No	~~N/A~~
Impaired constituents:			~~N/A~~
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			~~N/A~~

Notes: Stormwater drains north to roadside ditch and then west to vegetated area

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	~~Yes~~	No	

Notes:

Non-Compliance Issues

None

III.M.4 **Certified and Signed**

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Wells Material Storage	Date:	3/10/15
Facility Location:	US-93 EL-68.4		
Inspector(s):	Jason Demaline		
Title(s):	NDOT water Quality		
Facility Supervisor I :			
Facility Supervisor II :	Tom Pearson		

Weather at Time of Inspection:

1. Temperature (°F):	45
2. Precipitation:	0
3. Wind (mph):	light

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Agg. Pts			
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	~~N/A~~
Is this a 303(d) Impaired Waters listing?	Yes	No	~~N/A~~
Impaired constituents:			~~N/A~~
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			N/A

Notes: Stormwater infiltrates on site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	~~Yes~~	No	

Notes:

Non-Compliance Issues

None at this time

III.M.4 **Certified and Signed**

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Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:Wells Yard		Date: 08/06/14	
Facility Location:Wells Nevada			
Inspector(s):Jason Demaline			
Title(s):Staff II			
Facility Supervisor I :			
Facility Supervisor II : Tom Pearson			
Weather Conditions at Time of Inspection:			
1. Temperature (°F)83			
2. Precipitation None			
3. Wind (mph) 10-15 mph			
Fueling Area			
1. Is there a fueling area located at this facility?	Yes	No	
Fuel type(s):Gas, Diesel			
2. Are fuel pumps leaking?	Yes	No	
3. Are fuel spills present in fueling area?	Yes	No	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	No	
Items stored:Motor Oils, Washer Fluid, Floor Sweep			
6. Is there a spill kit at this location?	Yes	No	
Is it properly signed and labeled?	Yes	No	
Notes:Fueling area neat and clean.			
Vehicle/Equipment Parking Areas			
1. Are vehicles and/or equipment staged outside?	Yes	No	
Types:Various maintenance vehicles/equipment			
2. Are vehicle/equipment leaks present?	Yes	No	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
Notes:There are random oil spots from leaking vehicles. Boot truck leak where it was parked. Severl leaking trucks on downline.			
Equipment Maintenance/Repair Facilities			
1. Are major vehicle/equipment repairs performed at this facility?	Yes	No	
2. Is minor equipment servicing performed at this facility?	Yes	No	
3. Are there appropriate used equipment fluid receptacles?	Yes	No	
Are they properly labeled?	Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	No	
4. Are there any vehicles/equipment currently leaking?	Yes	No	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	
Notes:			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types:Fence materials.			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:Tires, Wood, Metal			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes:The area near the CSS-1H storage tank has needs some housecleaning. There is a barrel and some buckets that are filling with water and have the potential to spill. Recommend a secondary containment for the mag tank.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: These areas have no issues.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: N/A			
Interceptor Inspection Frequency: N/A			
Interceptor Clean-Out Frequency: N/A			
Notes: The wash pad at this facility is not used.			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures:			
Clean-up measures: Sweep salt sanc			
5. Are spreader hoses stored properly?	Yes	No	
Notes: There was two spreader hoses that were left hanging from spreader. All others were stored properly.			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes:			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency:Once a month.			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Random			
Notes: There could be a little better general housekeeping done around the yard.			

Non-Compliance Issues
Oil leaks from equipment should be cleaned up as soon as possible. There is some buckets and a drum near the SS1H storage area that need to be removed and discarded. The hoses hanging from the sanders need to be stored inside the sander to prevent fluid from leaking onto the ground. The salt sand on the ground below the sanders needs to be swept up and discarded.

Certification and Signature
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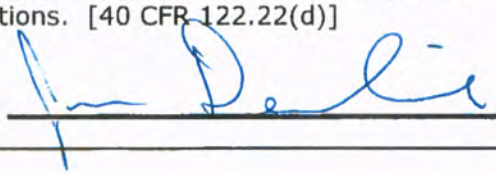
Authorized Signature:

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Wells Material Storage**	Date:	08/19/14	
Facility Location:	SR-230 EL 1.0 Deeth			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section			
Facility Supervisor I :	Darrell Hylton			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	80			
2. Precipitation:	None			
3. Wind (mph):	10-May			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	millings, sand/salt, fill material,rip/rap			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheetflows south thrugh vegetated ditch to upland areas for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Wells Material Storage**	Date:	08/19/14	
Facility Location:	US-93 EL 49.4	Warm Springs		
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section			
Facility Supervisor I :	Willie Whitaker			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	80			
2. Precipitation:	None			
3. Wind (mph):	5-10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Sand/salt			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Loader onsite.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows east to vegetated ditch along US-93 for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Wells Material Storage**	Date:	10/27/14	
Facility Location:	FR-28 EL 3.8			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section			
Facility Supervisor I :	Willie Whitaker			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	44			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Chips,Gravel			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows west to vegetated upland areas for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Wells Material Storage**	Date:	10/27/14	
Facility Location:	FR-28 EL 4.3 (I-80,EL 66.5 westbound)			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section			
Facility Supervisor I :	Willie Whitaker			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	44			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	chips, fill material, millings, broken asphalt			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows north west to vegetated upland areas for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Wells Material Storage**	Date:	10/30/14	
Facility Location:	I-80 EL 87.4	Independence Intrchng		
Inspector(s):	J. Demaline	(entrance to Pit# EL85-05)		
Title(s):	NDOT Water Quality Section			
Facility Supervisor I :				
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	55			
2. Precipitation:	None			
3. Wind (mph):	Calm			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Salt/Sand, cold mix			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheetflows south to vegetated ditch for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Wells Material Storage**	Date:	11/19/14	
Facility Location:	US-93 EL 96.5 HD Summit			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section			
Facility Supervisor I :	Don Hall			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	40			
2. Precipitation:	None			
3. Wind (mph):	10-May			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Salt Sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Recommend berming around pad to keep leached material on sight.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes:				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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Authorized Signature: _____

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Wendover Maint. Station	Date:	2/11/15
Facility Location:	FR 459 EL-0,45		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality Section, Staff 2		
Facility Supervisor I :	Dennie Andersen		
Facility Supervisor II :	Tom Pearson		

Weather Conditions at Time of Inspection:

1. Temperature (°F)	44
2. Precipitation	Ø
3. Wind (mph)	Calm

Fueling Area

1. Is there a fueling area located at this facility?	~~Yes~~	No	
Fuel type(s): Diesel and unleaded			
2. Are fuel pumps leaking?	Yes	~~No~~	
3. Are fuel spills present in fueling area?	Yes	~~No~~	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures: Floor dry and sweeping when a spill happens			
4. Do above ground fuel tanks have secondary containment?	Yes	No	~~N/A~~
5. Is there a "fuel pump house" located at this facility?	Yes	~~No~~	
Items stored:			
6. Is there a spill kit at this location?	~~Yes~~	No	
Is it properly signed and labeled?	~~Yes~~	No	

Notes:

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	~~Yes~~	No	
Types: Misc. maintenance equipment and vehicles			
2. Are vehicle/equipment leaks present?	Yes	~~No~~	
3. Have BMPs been implemented to address leaks/spills?	~~Yes~~	No	N/A
Containment measures: Drip Pans in place under vehicles.			
Clean-up measures:			

Notes:

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	Yes	~~No~~	
2. Is minor equipment servicing performed at this facility?	~~Yes~~	No	
3. Are there appropriate used equipment fluid receptacles?	~~Yes~~	No	
Are they properly labeled?	~~Yes~~	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	~~Yes~~	No	
4. Are there any vehicles/equipment currently leaking?	~~Yes~~	No	
5. Have BMPs been implemented to address leaks/spills?	~~Yes~~	No	N/A
Containment measures: Drip Pans Placed.			
Clean-up measures: Absorbant placed and disposed of when leak occurs			

6. Are batteries properly stored?	Yes	No	N/A
Notes: Shop very clean			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	~~Yes~~	No	
Types: Salt/Sand, Cold mix, millings, Scrap metal			
BMPs properly implemented?	~~Yes~~	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	N/A
3. Does the facility have a brine tank? Mag Chloride	~~Yes~~	No	
Is there secondary containment?	Yes	~~No~~	
Are leaks present around the pipes and fittings?	Yes	~~No~~	
4. Are sweeping spoils on site?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	~~Yes~~	No	
Types: Garbage from roadsides.			
BMPs properly implemented?	~~Yes~~	No	
7. Is striping paint stored on the facility?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	N/A
Notes: Garbage hauled to landfill. Recomend secondary containment for mag chloride tank.			
Cold Storage Areas			
1. Are cold storage areas present?	~~Yes~~	No	
Notes:			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	~~N/A~~
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	~~Yes~~	No	
2. Is there an engineered wash pad at this facility?	~~Yes~~	No	
3. Is the wash pad area sufficiently engineered?	~~Yes~~	No	
4. Is the wash pad properly maintained?	~~Yes~~	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: As needed			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	~~No~~	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	~~Yes~~	No	
2. Are there water leaks or is there water running?	Yes	~~No~~	
3. Are there signs of an offsite discharge?	Yes	~~No~~	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	~~Yes~~	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	~~No~~	
3. Are there any equipment leaks?	Yes	~~No~~	
4. Have BMPs been properly implemented to address leaks/spills?	~~Yes~~	No	
Containment measures: Receptacals with hose hook ups			
Clean-up measures:			
5. Are spreader hoses stored properly?	~~Yes~~	No	
Notes: Receptacals designed with hose covers have been welded to racks for hose storage.			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	~~No~~	
Type:			
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	~~Yes~~	No	
Type: SOI			
Inspection frequency: Quarterly			
Maintenance frequency: As needed			
4. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			
Notes:			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency:			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Random. Usually monthly.			

Notes: Facility in very clean condition.

Non-Compliance Issues

None at this time.

Certification and Signature

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Wendover Mat. Storage** Date: 10/30/14			
Facility Location:	I-80 EL 103.5 ***Pit#EL87-01***			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Donnie Andersen			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	*55*			
2. Precipitation:	*None*			
3. Wind (mph):	*Calm*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*Aggregates*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: *Stormwater infiltrates on site and some runs east to vegatation.*				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Wendover Mat. Storage**	Date:	10/30/14	
Facility Location:	I-80 EL 112 Silverzone			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Donnie Andersen			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	*55*			
2. Precipitation:	*None*			
3. Wind (mph):	*Calm*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*Salt/Sand, Millings*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: *Stormwater infiltrates in roadside ditch.*				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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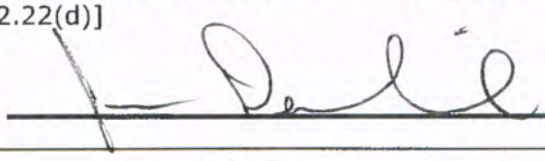
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Wendover Mat. Storage**	Date:	11/05/14	
Facility Location:	SR-233 EL 25.4			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Donnie Andersen			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	*47*			
2. Precipitation:	*None*			
3. Wind (mph):	*10-15mph*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*Pit run stockpiles*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: *Stormwater infiltrates on site*				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: _____

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Wendover Mat. Storage**	Date:	11/10/14	
Facility Location:	SR-233 EL 18.50 ***Pit# EL 35-01***		(Pilot Pit)	
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Donnie Andersen			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	*50*			
2. Precipitation:	*None*			
3. Wind (mph):	*10-15mph*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*Pit run stockpiles*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Dozer on site at time of inspection. No leaks present from dozer.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: *Stormwater infiltrates on site.*				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Wendover Mat. Storage**	Date:	11/05/14	
Facility Location:	SR-233 EL 20.6			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Donnie Andersen			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	*47*			
2. Precipitation:	*None*			
3. Wind (mph):	*10-15mph*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*salt/sand*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: *Stormwater flows east to vegetated upland area for infiltration.*				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Wendover Mat. Storage** Date: 11/19/14			
Facility Location:	US-93A EL 15.61 **Pit#EL09-01** (Dolly Varden)			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Donnie Andersen			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	*40*			
2. Precipitation:	*None*			
3. Wind (mph):	*10-May*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*Aggregate Stockpiles*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: *Stormwater infiltrates on site.*				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
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Authorized Signature:				

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Wendover Mat. Storage**	Date:	11/19/14	
Facility Location:	US-93A EL 30.2			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Donnie Andersen			
Facility Supervisor II :	Tom Pearson			
Weather at Time of Inspection:				
1. Temperature (°F):	*40*			
2. Precipitation:	*None*			
3. Wind (mph):	*10-May*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*Salt Sand*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Evidence of salt leaching from pile. Recommend berming on the North side of pile or the use of another containment measure.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: *Stormwater flows south of facility to vegetated upland area for infiltration.*				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				

III.M.4 **Certified and Signed**

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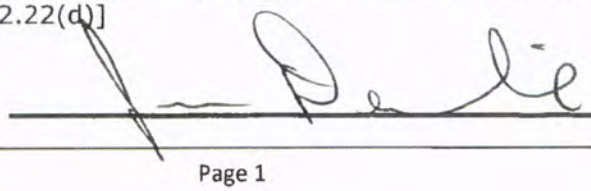
Authorized Signature: 

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Wendover Mat. Storage** Date: 11/19/14			
Facility Location:	US-93A EL 34.0 ***pit# EL10-01***			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Section, Staff 2			
Facility Supervisor I :	Donnie Andersen			
Facility Supervisor II :	Buzz Jackson			
Weather at Time of Inspection:				
1. Temperature (°F):	*40*			
2. Precipitation:	*None*			
3. Wind (mph):	*10-May*			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	*Aggregate Stockpiles*			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: *Stormwater infiltrates on site. Surrounded by earthen berm. Located aprox. 1 mi south of Felt Wash.*				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
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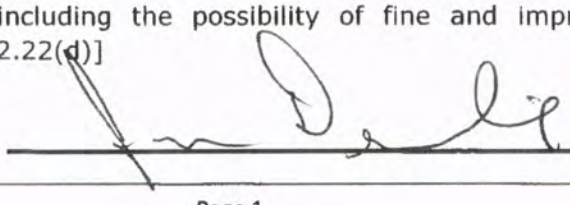
Authorized Signature: 				

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Button Point S/S Storage**	Date:	04/06/15	
Facility Location:	I-80, HU 23.7			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	vacant			
Facility Supervisor II :	Shaun Deforest			
Weather at Time of Inspection:				
1. Temperature (°F):	57			
2. Precipitation:	None			
3. Wind (mph):	~5 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Salt/sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheetflows southwest to vegetated upland area for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
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Authorized Signature:	Jason Demaline			

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Golconda S/S Storage**	Date:	04/06/15	
Facility Location:	I-80, HU 36.0			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality Staff 2			
Facility Supervisor I :	Vacant			
Facility Supervisor II :	Shaun Deforest			
Weather at Time of Inspection:				
1. Temperature (°F):	58			
2. Precipitation:	None			
3. Wind (mph):	5-10 mph			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Salt/sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater sheetflows east to vegetated upland area for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Salvage Yard**	Date:	05/20/15	
Facility Location:	FR HU 15.0			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality			
Facility Supervisor I :				
Facility Supervisor II :	Shaun Deforest			
Weather at Time of Inspection:				
1. Temperature (°F):	62			
2. Precipitation:	0			
3. Wind (mph):	light			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	salt/sand,fence,cattle guards,ect.			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Mother stockpile of salt/sand stored here. Piles from Cosgrave and Reinhart are hauled here for the summer.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes:				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Cosgrave S/S Storage**	Date:	05/20/15	
Facility Location:	I-80 PE-69.7			
Inspector(s):	Jason Demaline			
Title(s):	NDOT Water Quality			
Facility Supervisor I :				
Facility Supervisor II :	Shaun Deforest			
Weather at Time of Inspection:				
1. Temperature (°F):	60			
2. Precipitation:	0			
3. Wind (mph):	10-May			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Material hauled to Salvage Yard stockpile				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes:				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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Authorized Signature: Jason Demaline

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Reinhart S/S Storage	Date:	5/19/15
Facility Location:	US-95 HU 2.5		
Inspector(s):	Jason Demaline		
Title(s):	NDOT Water Quality Staff 2		
Facility Supervisor I :			
Facility Supervisor II :	Shawn Deforest		

Weather at Time of Inspection:

1. Temperature (°F):	53
2. Precipitation:	light rain
3. Wind (mph):	5-10 mph

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	~~Yes~~	No	
Types:	Salt Sand		
Are BMPs properly implemented?	~~Yes~~	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	~~No~~	
3. Does the facility have a brine tank?	Yes	~~No~~	
Is there secondary containment?	Yes	No	~~N/A~~
4. Does facility store sweeping spoils on site?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
5. Is vactor truck waste stored onsite?	Yes	~~No~~	
Are BMPs properly implemented?	Yes	No	~~N/A~~
6. Is roadside/miscellaneous waste stored onsite?	Yes	~~No~~	
Types:			
Are BMPs properly implemented?	Yes	No	~~N/A~~

Notes: No stockpile on site at time of inspection. Used only in winter.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	~~No~~	
Is this a Waters of the United States?	Yes	No	~~N/A~~
Is this a 303(d) Impaired Waters listing?	Yes	No	~~N/A~~
Impaired constituents:			~~N/A~~
2. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			N/A

Notes: Stormwater sheetflows to vegetated area

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	~~Yes~~	No	

Notes:

Non-Compliance Issues

NONE

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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Winnemucca Maint. Station		Date: 5/20/15	
Facility Location: SR-787 MU 0.3			
Inspector(s): Jason Demaline			
Title(s): NDOT Water Quality			
Facility Supervisor I :			
Facility Supervisor II : Shawn Deforest			
Weather Conditions at Time of Inspection:			
1. Temperature (°F) 60			
2. Precipitation 0			
3. Wind (mph) Calm			
Fueling Area			
1. Is there a fueling area located at this facility?	~~Yes~~	No	
Fuel type(s): Diesel, Unleaded			
2. Are fuel pumps leaking?	Yes	~~No~~	
3. Are fuel spills present in fueling area?	Yes	~~No~~	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	~~N/A~~
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	Yes	No	~~N/A~~
5. Is there a "fuel pump house" located at this facility?	~~Yes~~	No	
Items stored:			
6. Is there a spill kit at this location?	~~Yes~~	No	
Is it properly signed and labeled?	~~Yes~~	No	
Notes:			
Vehicle/Equipment Parking Areas			
1. Are vehicles and/or equipment staged outside?	~~Yes~~	No	
Types: Various maint. equipment			
2. Are vehicle/equipment leaks present?	~~Yes~~	No	
3. Have BMPs been implemented to address leaks/spills?	Yes	~~No~~	N/A
Containment measures:			
Clean-up measures:			
Notes: Unit 1454 leaking.			
Equipment Maintenance/Repair Facilities			
1. Are major vehicle/equipment repairs performed at this facility?	~~Yes~~	No	
2. Is minor equipment servicing performed at this facility?	~~Yes~~	No	
3. Are there appropriate used equipment fluid receptacles?	~~Yes~~	No	
Are they properly labeled?	~~Yes~~	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	~~No~~	
4. Are there any vehicles/equipment currently leaking?	Yes	~~No~~	
5. Have BMPs been implemented to address leaks/spills?	~~Yes~~	No	N/A
Containment measures: Floor dry when needed			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	
Notes:			

Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Misc. Maint. materials			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Steel, Roadside debris			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: Paint stored indoors, other storage bins are covered			

Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Misc. Maint supplies stored here.			

Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes: 24D and Roundup stored indoors			

Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: As Needed.			
Notes: Releases to city Sewer			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	~~Yes~~	No	
2. Are they currently being used?	Yes	~~No~~	
BMPs properly implemented?	Yes	No	~~N/A~~
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	~~Yes~~	No	
2. Are there water leaks or is there water running?	Yes	~~No~~	
3. Are there signs of an offsite discharge?	Yes	~~No~~	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	~~Yes~~	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	~~No~~	
3. Are there any equipment leaks?	~~Yes~~	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	~~No~~	
Containment measures:			
Clean-up measures: Floor Dry			
5. Are spreader hoses stored properly?	~~Yes~~	No	
Notes: Hydraulic hoses from plows are leaking. Need to be stored properly			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	~~Yes~~	No	
Is this a Waters of the United States?	~~Yes~~	No	
Is this a 303(d) Impaired Waters listing?	~~Yes~~	No	
Impaired constituents: Iron, turbidity, total Phosphorus, TSS, TDS			
2. Does stormwater discharge into hydraulic facilities?	~~Yes~~	No	
Type: DI			
BMPs properly implemented?	~~Yes~~	No	
Hydraulic facilities properly maintained?	~~Yes~~	No	
3. Are there stormwater treatment facilities, i.e. interceptors	~~Yes~~	No	
Type: SOI			
Inspection frequency: Monthly			
Maintenance frequency: As needed			
4. Does the facility receive significant run-on?	Yes	~~No~~	
Source of run-on:			
Notes: Stormwater sheet flows west out front gate and then south to city MS4. Some water flows into a DI in the upper yard.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	~~Yes~~	No	
2. Is the facility mechanically swept on a regular basis?	~~Yes~~	No	
Frequency: Monthly			
3. Is there trash buildup within and/or around the facility?	Yes	~~No~~	
4. Is trash placed in appropriate receptacles?	~~Yes~~	No	
5. Are there routine facility clean-up days?	~~Yes~~	No	
Frequency: when schedule allows.			
Notes:			

Non-Compliance Issues

Oil leak from unit 1454

Plow hoses leaking, stored incorrectly.

Certification and Signature

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: 5th Street Yard	Date: 3/4/2015 09:45
Facility Location: ARCC01- CC MP 0.00	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Craig Santos	
Facility Supervisor II : Troy Hammond	

Weather at Time of Inspection:

1. Temperature (°F): 42	
2. Precipitation: N/A	
3. Wind (mph): < 5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: misc maintenance steel, wood, and equip; agg base, rip-rap	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes
Types: damaged signs	
Are BMPs properly implemented?	NO

Notes: Non-waste Material placed on pallets, none were found to be in direct contact with the soil.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater infiltrates onsite

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

Miscellaneous equipment leaking. Place drip pans where needed, properly remove and dispose of all contaminated material.

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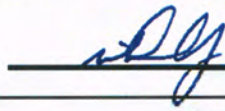
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Carson City Maintenance	Date/Time: 3/4/2015 08:55
Facility Location: FR 405 CC MP 0.13	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : Craig Santos	
Facility Supervisor II : Troy Hammond	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 35	
2. Precipitation None	
3. Wind (mph) 0	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel, Unleaded	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	N/A
5. Is there a "fuel pump house" located at this facility?	NO
Items stored:	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES

Notes: Two separate fueling islands: one on the south and one on the north side of the yard. Spill kits are present and properly labeled.

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: Lab trailers, sign trailers, employee vehicles, plows, dump trucks, flat bed trailers, etc	
2. Are vehicle/equipment leaks present?	YES
3. Have BMPs been implemented to address leaks/spills?	NO
Containment measures: Place drip pan underneath equipment as needed.	
Clean-up measures: Place floor dry on spills, properly dispose of saturated material.	

Notes: Minor leaks from parked equipment. Continue the implementation of drip pans or other sufficient containment where this is an issue. Place floor dry over spills on surface, properly remove and dispose of saturated material.

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	YES
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	YES
Notes: 7 bay garage, Used fuel stored with secondary containment. Steam cleaning pad on north side of garage. Drains to s/o interceptor and sanitary sewer. Area clean and organized.	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: cones, tires, wheels	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	YES
Is there secondary containment?	NO
Are leaks present around the pipes and fittings?	NO
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	YES
Types: roadside trash/debris	
BMPs properly implemented?	YES
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes:	
Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes: 6 bay garage, Minor repairs, brine mixing. Brine mixing done inside the last bay in enclosed garage	
Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	YES
Notes: herbicides (round-up) stored indoors on pallets	
Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	NO
4. Is the wash pad properly maintained?	YES
Sediment Removal Frequency: monthly or as needed	
Interceptor Inspection Frequency: annually	
Interceptor Clean-Out Frequency: annually or as needed	
Notes: Wash pad drains improperly to DI on the west side of wash pad. DI has gravel bags placed to catch sediment before entering storm drain.	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	YES
2. Are they currently being used?	YES
BMPs properly implemented?	YES
Notes: equipment generally stored lab	

Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	NO
3. Are there signs of an offsite dischage?	NO
Notes:	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	NO
3. Are there any equipment leaks?	NO
4. Have BMPs been properly implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	YES
Notes: Recommend that when personnel remove hydraulic hoses from quick connects that they use towel for any hydraulic fluid residue that is left behind.	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	YES
Is this a Waters of the United States?	YES
Is this a 303(d) Impaired Waters listing?	YES
Impaired constituents: iron, mercury, zinc	
2. Does stormwater discharge into hydraulic facilities?	YES
Type:	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	YES
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: interceptors are located near garage and motor pool wash bays	
Inspection frequency: annually	
Maintenance frequency: 3 times per year or as needed	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes: Gravel bags and filter used at each DI location throughout the maintenance facility.	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: every 2 weeks or as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	NO
5. Are there routine facility clean-up days?	NO
Frequency: N/A	
Notes: Overall facility is neat and tidy. Recommend that equipment leaks observed be properly cleaned up.	

Non-Compliance Issues

Fluid spills underneath parked equipment at the South yard must be cleaned up and properly disposed of. Place drip pans where problems persist.

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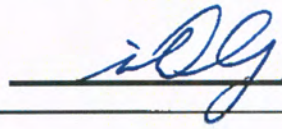
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Fairview Yard	Date: 3/4/2015 09:30
Facility Location: Fairview Drive Carson City	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Craig Santos	
Facility Supervisor II : Troy Hammond	

Weather at Time of Inspection:

1. Temperature (°F): 45	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: salt/sand, fill material, chips, concrete form material, reinforcement steel	
Are BMPs properly implemented?	NO
2. Does the facility have an enclosed structure for sand/salt?	Yes
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	Yes
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: brine tank secondary containment may need drain holes and plugs.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater drains to the north and infiltrates is adjacent upland area

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes: Continue to sweep the facility as needed.

Non-Compliance Issues

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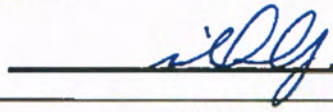
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: LaFond Yard	Date: 3/4/2015 10:50
Facility Location: US-50 LY 12.0	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Mike Lampshire	
Facility Supervisor II : Troy Hammond	

Weather at Time of Inspection:

1. Temperature (°F): 45	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: rip-rap, salt sand, salt, loader, grader, sweeper, cones, CMS, misc steel, connex box and trailer.	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	NO
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	NO
Notes:	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes: Stormwater generally flows to the west to a sump along US-50 where it infiltrates	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes: Recommend that sweeper be serviced to avoid any leaking of water from plumbing.	

Non-Compliance Issues

III.M.4 **Certified and Signed**

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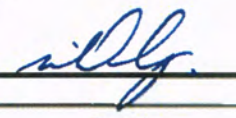
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Winters Ranch Yard	Date: 3/5/2015 10:10
Facility Location: SR-429 WA 7.38	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Craig Santos	
Facility Supervisor II : Troy Hammond	

Weather at Time of Inspection:

1. Temperature (°F): 45	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: salt/sand, wooden structures for snow drift fence, mower.	
Are BMPs properly implemented?	NO
2. Does the facility have an enclosed structure for sand/salt?	Yes
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	NO
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: Mower leaks. Place drip pans under equipment to avoid spill. Place floor dry and remove/dispose of saturated material properly.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater collects in perimeter rip-rap lined drainage channel.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

Place floor dry on equipment leak locations, then remove/dispose of saturated material. Place drip pans under mower as needed to avoid further spills.

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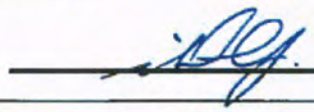
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Cold Springs Maintenance	Date/Time: 1/8/2015 08:30
Facility Location: US 50 CH MP 81.61	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : Daniel Clauser	
Facility Supervisor II : Ed Ely	

Weather Conditions at Time of Inspection:
1. Temperature (°F) 35
2. Precipitation None
3. Wind (mph) 0

Fueling Area	
1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel, Unleaded	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	YES
5. Is there a "fuel pump house" located at this facility?	YES
Items stored:	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES
Notes: Pump house has items stored off ground and labeled.	

Vehicle/Equipment Parking Areas	
1. Are vehicles and/or equipment staged outside?	YES
Types: loader, plow truck, chip spreader, trailer	
2. Are vehicle/equipment leaks present?	NO
3. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
Notes:	

Equipment Maintenance/Repair Facilities	
1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	YES
Containment measures: Floor Dry	
Clean-up measures: Proper Disposal	

6. Are batteries properly stored?	N/A
Notes: No batteries are stored here. Floor drains go to sand/oil separator at wash pad	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: cold mix, salt sand, pipe and guardrail etc	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	YES
Is there secondary containment?	NO
Are leaks present around the pipes and fittings?	NO
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	YES
Types: recycled or disposed of as needed	
BMPs properly implemented?	N/A
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes: Chips, cold mix, millings, fill material all stored across US 50 at old pit/dump.	
Cold Storage Areas	
1. Are cold storage areas present?	NO
Notes: 4 bay garage, supplies stored, herbicide stored with secondary and labeled. Tires stored indoors. Conex storage containing cones and roadway supplies.	
Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	YES
Notes: no pesticides stored at this facility.	
Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	YES
4. Is the wash pad properly maintained?	YES
Sediment Removal Frequency: 2 times per year or as needed	
Interceptor Inspection Frequency: quarterly	
Interceptor Clean-Out Frequency: as needed	
Notes: Wash pad drains to sand/oil interceptor and then to leach field to infiltrate.	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes:	

Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	NO
3. Are there signs of an offsite dischage?	N/A
Notes:	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	NO
3. Are there any equipment leaks?	NO
4. Have BMPs been properly implemented to address leaks/spills?	YES
Containment measures: hoses stored in beds of spreaders	
Clean-up measures:	
5. Are spreader hoses stored properly?	YES
Notes:	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	NO
Is this a 303(d) Impaired Waters listing?	NO
Impaired constituents:	
2. Does stormwater discharge into hydraulic facilities?	NO
Type:	
BMPs properly implemented?	N/A
Hydraulic facilities properly maintained?	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	NO
Type: s/o interceptors	
Inspection frequency: annually	
Maintenance frequency: 2 times per year	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes: Stormwater runoff sheetflows to northwest towards the US-50, and infiltrates into upland vegetation. No drainage inlets are located in facility. Garage floor drains connect to wash pad SOI before being released to leach field.	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	NO
Frequency: as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	NO
Frequency: N/A	
Notes:	

Non-Compliance Issues
none

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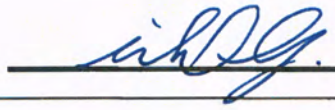
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Dixie Valley	Date: 1/8/2015 11:30
Facility Location: US-50 CH 60.52	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Dan Clauser	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F): 40	
2. Precipitation: N/A	
3. Wind (mph): < 5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: salt/sand, chips	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: Gravel bags installed at the end of the asphalt pad for salt/sand pile.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Facility stormwater drains to North via a roadside ditch along SR-121 and infiltrates into upland vegetation

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

None

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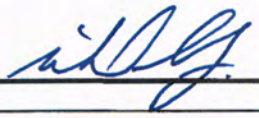
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Gabbs Cutoff Storage Area	Date: 1/8/2015 11:19
Facility Location: SR-361 CH 13.35	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Dan Clauser	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F): 45	
2. Precipitation: N/A	
3. Wind (mph): <5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes: Stormwater flows to the north west of SR361, where it infiltrates in vegetated low land areas	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes: *Material site no longer being used, inspection of site concluded that the site condition remains satisfactory.	

Non-Compliance Issues

None

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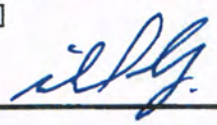
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: New Pass Storage Area	Date: 1/8/2015 09:20
Facility Location: US-50 CH 106.85	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Dan Clauser	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F): 40	
2. Precipitation: N/A	
3. Wind (mph): <5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: salt/sand	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: Gravel bags on order to replace straw wattles at low end of asphalt pad.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater drains to the East where it infiltrates in adjacent upland area

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

none at this time

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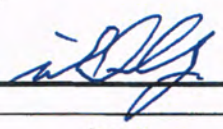
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Fallon Maintenance	Date/Time: 1/8/2015 12:50
Facility Location: SR 115 CH MP 4.50	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : Don Tom, Jon Picetti,	
Facility Supervisor II : Ed Ely, Gary Erskine	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 50	
2. Precipitation None	
3. Wind (mph) 5	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel, Unleaded	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	N/A
5. Is there a "fuel pump house" located at this facility?	YES
Items stored: used Spill kit, used fluids, floor dry	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES

Notes: Used fluids stored on secondary containment racks.

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: grader, plow trucks, dump trailer, misc HWY mtnc. equip	
2. Are vehicle/equipment leaks present?	YES
3. Have BMPs been implemented to address leaks/spills?	YES
Containment measures: Floor Dry	
Clean-up measures: Proper disposal	

Notes: Observed cleanup of oil drips at east side of maintenance bays. Drip pans placed under equipment to prevent further spills.

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	YES
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	YES
Notes: Pesticides and used batteries stored indoors; overall a clean and organized repair facility. Floor drains discharge into the sanitary sewer via a sand/oil interceptor. A steam cleaning pad is located on the south side of the repair shop. This facility does not store fertilizers.	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: steel, wood, plastic HWY maintenance materials	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
Are leaks present around the pipes and fittings?	N/A
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	YES
Types: scrap metal and roadside debris	
BMPs properly implemented?	YES
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes: This site does not store sand/salt, brine, vactor or sweeping waste (these are stored at the Fallon South Maintenance Yard). Roadside debris properly stored within dumpsters.	
Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes: Pesticides, trucks, boot trucks, misc. equip stored in cold storage.	
Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	YES
Notes: Pesticides stored in cold storage.	
Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	YES
4. Is the wash pad properly maintained?	YES
Sediment Removal Frequency: as needed	
Interceptor Inspection Frequency: annually	
Interceptor Clean-Out Frequency: annually	
Notes:	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes:	

Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	N/A
3. Are there signs of an offsite dischage?	N/A
Notes:	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	NO
3. Are there any equipment leaks?	YES
4. Have BMPs been properly implemented to address leaks/spills?	NO
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	YES
Notes:	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	YES
Is this a Waters of the United States?	YES
Is this a 303(d) Impaired Waters listing?	YES
Impaired constituents: Mercury	
2. Does stormwater discharge into hydraulic facilities?	YES
Type: DI's	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	YES
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: Sand oil interceptors	
Inspection frequency: annually	
Maintenance frequency: annually	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes:	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	NO
Frequency: N/A	
Notes: Recommend scheduling regular clean up days	

Non-Compliance Issues

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Smart Yard	Date: 1/8/2015 14:00
Facility Location: US-95 (CH 23.3)	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Don Tom, Jon Picetti	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F): 50	
2. Precipitation: N/A	
3. Wind (mph): <5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Salt/sand, agg base, cold millings, misc. HWY mntnc materials, rock chips.	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	Yes
4. Does facility store sweeping spoils on site?	Yes
Are BMPs properly implemented?	Yes
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes
Types: damaged signs, misc troadside debris	
Are BMPs properly implemented?	Yes

Notes: guardrail, drainage facility and sign related materials.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Facility has an earthen berm along the western and southern perimeter to prevent stormwater discharge into adjacent irrigation ditch; site generated stormwater infiltrates.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

Dozer leaking hydraulic fluid at south end of yard. Brine tanks leaking.

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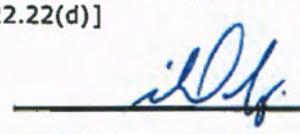
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Trento Lane Storage Area	Date: 1/28/2015 13:45
Facility Location: US050 (CH 13)	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : John Picetti, Don Tom	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F): 50	
2. Precipitation: N/A	
3. Wind (mph): <5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Sand/salt, base material, cold millings, and misc. materials	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	Yes
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	Yes
Are BMPs properly implemented?	Yes
5. Is vactor truck waste stored onsite?	Yes
Are BMPs properly implemented?	Yes
6. Is roadside/miscellaneous waste stored onsite?	Yes
Types: old concrete	
Are BMPs properly implemented?	Yes

Notes: Sweeper spoils have oil on them from boot truck. Boot truck cleanout needs to be cleaned up and disposed of. Oil leak on asphalt pad.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Facility is located on level ground with little impermeable surface, resulting in the infiltration of stormwater discharge.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

None

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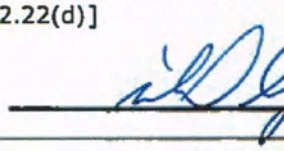
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Trinity	Date: 01/08/2015
Facility Location: US-95A CH 22.1	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Jon Picetti, Don Tom	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F): 50	
2. Precipitation: N/A	
3. Wind (mph): <5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Milling, salt sand,	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	NO
4. Does facility store sweeping spoils on site?	Yes
Are BMPs properly implemented?	NO
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes
Types: Broken up asphalt	
Are BMPs properly implemented?	NO
Notes:	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes:	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes: south section of unfenced yard being used to store old asphalt,	

Non-Compliance Issues

None observed

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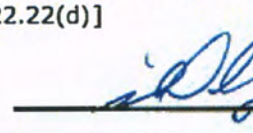
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Fernley Maintenance	Date/Time: 1/29/2015 09:15
Facility Location: SR 427 LY MP 1.00	
Inspector(s): M. Brown Jr	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : Wayne Norcutt	
Facility Supervisor II : Paul Harmon	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 40	
2. Precipitation None	
3. Wind (mph) 0	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel, Regular Unleaded	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	N/A
5. Is there a "fuel pump house" located at this facility?	YES
Items stored: Spill kit, Floor Dry	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES

Notes: None

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: plows, loaders, sweepers, flatbed trailer, pickup trucks, rollers, dozer.	
2. Are vehicle/equipment leaks present?	YES
3. Have BMPs been implemented to address leaks/spills?	YES
Containment measures: Drip pans and floor dry.	
Clean-up measures: Proper disposal of saturated floor dry.	

Notes: none

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	NO
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	UNDETERMINED
Notes: No batteries stored at this facility	

Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: guardrail, fencing, sign posts, CMP, salt/sand, Tires	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	YES
Is there secondary containment?	NO
Are leaks present around the pipes and fittings?	YES
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
BMPs properly implemented?	N/A
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes: Non-waste material stored above ground level, on pallets. Brine tank facility is properly contained with no visible leaks present.	

Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes: 2 buildings with sweeper and vacuum truck stored. Used fluid containers with secondary containment and proper labeling.	

Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	YES
Notes: Round-up, in building with secondary containment and proper labeling.	

Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	YES
4. Is the wash pad properly maintained?	YES
Sediment Removal Frequency: Quarterly or as needed	
Interceptor Inspection Frequency: annually	
Interceptor Clean-Out Frequency: annually	
Notes: Wash water flows into a sand/oil interceptor and subsequent sanitary sewer. Wash pad basin found to have excess sediment, recommend clean out.	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes:	

Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	NO
3. Are there signs of an offsite dischage?	NO
Notes: none	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	YES
3. Are there any equipment leaks?	YES
4. Have BMPs been properly implemented to address leaks/spills?	NO
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	NO
Notes: Recommend clean up of spills with floor dry and proper disposal. If hydraulic hoses are placed inside of buckets for containment, periodically follow up as to the level of fluid that has built up. Recommend daily removal of fluid.	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	NO
Is this a 303(d) Impaired Waters listing?	NO
Impaired constituents:	
2. Does stormwater discharge into hydraulic facilities?	YES
Type: sand/oil interceptor and grease separator basin	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	YES
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: sand/oil interceptor and grease separator basin	
Inspection frequency: annually	
Maintenance frequency: annually	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes: Stormwater sheetflows north to a vegetated upland area. Curbing around facility keeps all stormwater directed to northern field where infiltration takes place.	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	NO
Frequency: as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	NO
Frequency: N/A	
Notes: Clean-up is on a as needed basis, facility is neat and organized. Recommend regularly scheduled weekly cleanup days.	

Non-Compliance Issues

Wash pad basin- Remove sediment and excess debris, dispose of material properly.

Certification and Signature

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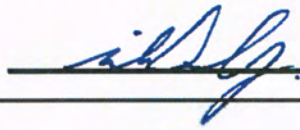
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Gerlach Yard	Date: 1/29/2015 10:56
Facility Location: SR-447, WA 74.0	
Inspector(s): M. Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Wayne Norcutt	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 45	
2. Precipitation: N/A	
3. Wind (mph): 5-10	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: salt/sand	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: none

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	N/A
Source of run-on:	

Notes: Flat storage area, stormwater to infiltrate on site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

None

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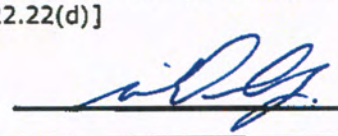
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Hatchery Rd Storage Area	Date: 1/29/2015 01:38
Facility Location: SR-447, WA 8.0	
Inspector(s): M. Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Wayne Norcutt	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 45	
2. Precipitation: N/A	
3. Wind (mph): 5-10	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Millings, Fill, Base	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes: none	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	N/A
Source of run-on:	
Notes: Relatively flat storage area, stormwater generally infiltrates on site.	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes:	

Non-Compliance Issues

None

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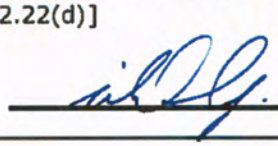
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Nightingale	Date: 1/29/2015 07:40
Facility Location: IR80- CH 4.1	
Inspector(s): M. Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Louis Paley	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 35	
2. Precipitation: N/A	
3. Wind (mph): 0-5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: salt/sand, chips, loader, millings.	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types: Waste Asphalt.	
Are BMPs properly implemented?	NO

Notes: none

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater drains southwest, it infiltrates in adjacent vegetated area.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

Significant leak that does not appear to be NDOT related. Recommend sweeping and cleanup.

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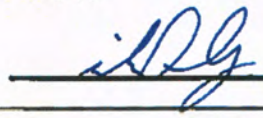
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Potato Patch	Date: 1/29/2015 12:35
Facility Location: SR-447, WA 44.0	
Inspector(s): Michael Brown Jr.	
Title(s): Staff I AE	
Facility Supervisor I : Wayne Norcutt	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 50	
2. Precipitation: N/A	
3. Wind (mph): 5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: salt/sand, chips, agg base	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: none

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	N/A
Source of run-on:	

Notes: Storage area surrounded by vegetation and vegetated earthen berm to allow for on site infiltration of stormwater

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

Appears that an unidentified fluid is seeping up through the asphalt pad at the south end. Issue has been escalated to Environmental.

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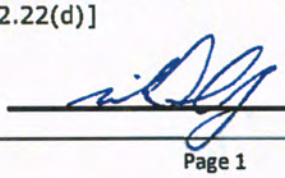
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Silver Springs Salt/Sand Storage Area.	Date: 1/29/2015 08:35
Facility Location: US-50 LY 29.4	
Inspector(s): Michael Brown Jr.	
Title(s): Staff I AE	
Facility Supervisor I : Louis Paley	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 45	
2. Precipitation: N/A	
3. Wind (mph): 5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: salt/sand	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: none

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater generally drains south where it infiltrates into adjacent vegetated area.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

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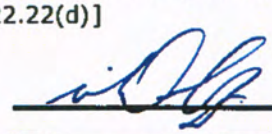
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Tracy Clark Storage Area	Date: 1/29/2015 14:30
Facility Location: IR-80 WA 31.9, FR WA 15 mp .15.	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : Louis Paley	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 55	
2. Precipitation: N/A	
3. Wind (mph): 5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: salt/sand	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: none

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes
Is this a Waters of the United States?	Yes
Is this a 303(d) Impaired Waters listing?	Yes
Impaired constituents: Truckee River	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater generally drains south towards Truckee River.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

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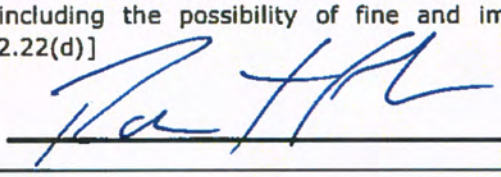
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Galena Creek Maintenance Facility	Date/Time: 1/15/2015 10:30
Facility Location: SR431WA MP 17.30 (GCM)	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : John Duke (MTROSM)	
Facility Supervisor II : Troy Hammond (CC,GV,MTRS,SPNR,KBY)	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 36	
2. Precipitation None	
3. Wind (mph) 0	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	YES
5. Is there a "fuel pump house" located at this facility?	YES
Items stored: Floor Dry	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES

Notes:

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: loader, plow truck, Electronic Message Sign (EMS)	
2. Are vehicle/equipment leaks present?	YES
3. Have BMPs been implemented to address leaks/spills?	YES
Containment measures: Floor Dry	
Clean-up measures: Proper Disposal of saturated floor dry.	

Notes: Plow truck fluid leak, floor dry was placed for cleanup. Recommend drip pan for containment of any further leaks.

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	YES
Containment measures: Floor Dry	
Clean-up measures: Proper Disposal	

6. Are batteries properly stored?	N/A
Notes: No batteries are stored here. Floor drains go to sand/oil separator at wash pad	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: Guardrail, pvc pipe, steel anchor bolts.	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	N/A
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
Are leaks present around the pipes and fittings?	N/A
4. Are sweeping spoils on site?	YES
BMPs properly implemented?	YES
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	YES
Types: Sweeper Spoils.	
BMPs properly implemented?	YES
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes:	
Cold Storage Areas	
1. Are cold storage areas present?	NO
Notes:	
Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	N/A
Notes: None at this site.	
Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	NO
2. Is there an engineered wash pad at this facility?	NO
3. Is the wash pad area sufficiently engineered?	N/A
4. Is the wash pad properly maintained?	N/A
Sediment Removal Frequency: N/A	
Interceptor Inspection Frequency: N/A	
Interceptor Clean-Out Frequency: N/A	
Notes: None at this site.	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes: None at this site.	

Water Truck Filling Stations	
1. Are water truck filling stations present?	NO
2. Are there water leaks or is there water running?	N/A
3. Are there signs of an offsite dischage?	N/A
Notes: None at this site.	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	NO
2. Is there any residual sand/salt on the ground near equipment?	N/A
3. Are there any equipment leaks?	N/A
4. Have BMPs been properly implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	N/A
Notes: None at this site.	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	YES
Is this a Waters of the United States?	UNDETERMINED
Is this a 303(d) Impaired Waters listing?	UNDETERMINED
Impaired constituents:	
2. Does stormwater discharge into hydraulic facilities?	YES
Type: Slotted Drain.	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	YES
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: s/o interceptors	
Inspection frequency: N/A	
Maintenance frequency: N/A	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes: Galena Creek is a receiving waterbody nearby, continue to maintain a clean and orderly maintenance facility.	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	NO
Frequency: as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	YES
Frequency: N/A	
Notes: Facility kept neat and clean.	

Non-Compliance Issues
none

Certification and Signature
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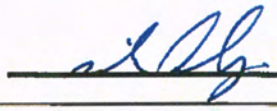
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Gardnerville Maintenance Facility	Date/Time: 3/10/2015 09:00
Facility Location: US-395 DO 18.8	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : Ed Shope	
Facility Supervisor II : Troy Hammond	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 40	
2. Precipitation None	
3. Wind (mph) 0	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel, Unleaded	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	N/A
5. Is there a "fuel pump house" located at this facility?	NO
Items stored: used Spill kit, used fluids, floor dry	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES

Notes:

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: 10 Wheeler, trailer, loader, backhoe, plow attachments, sweeper, etc.	
2. Are vehicle/equipment leaks present?	YES
3. Have BMPs been implemented to address leaks/spills?	NO
Containment measures: *Fluid leak needs containment.	
Clean-up measures: *Cleanup and contain fluid leak, properly dispose of contaminated soil.	

Notes: *Cleanup fluid leak underneath "JRB" attachment. Place drip pan or other approved containment device to prevent ground saturation. Remove material that has been contaminated and properly dispose of it.

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	YES
5. Have BMPs been implemented to address leaks/spills?	YES
Containment measures: Drip pans, absorbent pads, floor dry.	
Clean-up measures: Proper disposal of material following collection.	

6. Are batteries properly stored?	YES
Notes: Clean and organized facility. Tires stored indoors. Equipment leaks were observed, however they were previously addressed by maintenance personnel. The use of floor dry, drip pans, and absorbent pads for various leaks was confirmed during the inspection process.	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: HWY maintenance materials, cones, signs, salt/sand, sand, chips, rip rap, wood.	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	YES
3. Does the facility have a brine tank?	YES
Is there secondary containment?	NO
Are leaks present around the pipes and fittings?	NO
4. Are sweeping spoils on site?	YES
BMPs properly implemented?	YES
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	YES
Types: scrap metal, scrap wood.	
BMPs properly implemented?	YES*
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes: Overall the storage area is neat and organized. Barriers in place at most stockpiles. All miscellaneous maintenance materials palleted. *Recommend straw waddles be placed to protect the drainage ditch in the south yard, below the salt/sand piles.	
Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes:	
Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	N/A
Notes:	
Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	YES
4. Is the wash pad properly maintained?	YES
Sediment Removal Frequency: as needed	
Interceptor Inspection Frequency: annually	
Interceptor Clean-Out Frequency: annually	
Notes: Wash pad and basin in proper working order, kept clean.	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes:	

Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	NO
3. Are there signs of an offsite dischage?	NO
Notes:	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	NO
3. Are there any equipment leaks?	NO
4. Have BMPs been properly implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	YES
Notes:	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	NO
Is this a 303(d) Impaired Waters listing?	NO
Impaired constituents:	
2. Does stormwater discharge into hydraulic facilities?	NO
Type:	
BMPs properly implemented?	N/A
Hydraulic facilities properly maintained?	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	NO
Type:	
Inspection frequency:	
Maintenance frequency:	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes: Sormwater at south yard flows N/NE to drainage ditch. Stormwater from facility sheet flows to East, North, and South.	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	NO
Frequency: N/A	
Notes: Recommend scheduling regular clean up days with facility personnel.	

Non-Compliance Issues

Fluid leak underneath "JRB" attachment.

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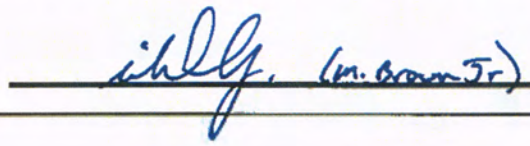
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Leviathan Storage Area	Date: 3/10/2015 08:45
Facility Location: US-395 DO 8.8	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Ed Shope	
Facility Supervisor II : Troy Hammond	

Weather at Time of Inspection:

1. Temperature (°F): 40	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Salt/Sand	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: Gravel Bags and barrier rail placed around salt/sand for containment. Loader present, no leaks observed.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	Yes
Source of run-on: US-395	

Notes: None

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes: Asphalt pad swept clean, salt/sand stockpile contained, site is in neat condition.

Non-Compliance Issues

None

III.M.4 Certified and Signed

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Authorized Signature: M. Brown Jr.

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Logging Road Yard	Date: 3/10/2015 10:45
Facility Location: SR-207 DO 2.25	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Ed Shope	
Facility Supervisor II : Troy Hammond	

Weather at Time of Inspection:

1. Temperature (°F): 45	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Salt/Sand	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	Yes
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes: Facility is clean and organized.	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes: None	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes:	

Non-Compliance Issues

None

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Authorized Signature: (M. Brown Jr.)

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Hawthorne Maintenance	Date/Time: 3/5/2015 09:30
Facility Location: US 95 MI MP 49.35	
Inspector(s): Bob Ragar	
Title(s): Staff 2 AE, Water Quality	
Facility Supervisor I : AJ Kintz	
Facility Supervisor II : Ed Ely	

Weather Conditions at Time of Inspection:

1. Temperature (°F)	
2. Precipitation None	
3. Wind (mph) 5	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel, Unleaded	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	N/A
5. Is there a "fuel pump house" located at this facility?	YES
Items stored: used Spill kit, used fluids, floor dry	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES
Notes:	

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: grader, plow trucks, dump trailer, misc HWY mtnc. equip	
2. Are vehicle/equipment leaks present?	NO
3. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
Notes: small fluid leak under plow needs floor dry application and subsequent clean-up	

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	NO
Notes:	

Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: steel, wood, plastic HWY maintenance materials, salt/sand	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
Are leaks present around the pipes and fittings?	N/A
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	YES
Types: scrap metal and roadside debris	
BMPs properly implemented?	YES
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes: Recommend secondary containment around brine tank	

Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes: Signs and hand tools	

Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	NO
Notes:	

Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	YES
4. Is the wash pad properly maintained?	YES
Sediment Removal Frequency: as needed	
Interceptor Inspection Frequency: annually	
Interceptor Clean-Out Frequency: annually	
Notes: Install gravel bags along west edge of wash pad to direct wash water to the sedimentation basin	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes:	

Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	N/A
3. Are there signs of an offsite dischage?	N/A
Notes:	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	NO
3. Are there any equipment leaks?	NO
4. Have BMPs been properly implemented to address leaks/spills?	NO
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	YES
Notes: Hoses ends are wrapped and stored properly	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	NO
Is this a 303(d) Impaired Waters listing?	NO
Impaired constituents:	
2. Does stormwater discharge into hydraulic facilities?	NO
Type:	
BMPs properly implemented?	N/A
Hydraulic facilities properly maintained?	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: Sand oil interceptors	
Inspection frequency: annually	
Maintenance frequency: annually	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes: Stormwater sheetflows to the north side of the facility and infiltrates into the adjacent vegetated field	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	NO
Frequency: N/A	
Notes: Recommend scheduling regular clean up days	

Non-Compliance Issues

Install gravel bags along west edge of wash pad to direct wash water to the sedimentation basin (preventative measure only).

small fluid leak under plow

dispose of waste tires (addressed upon observance and notificaiton)

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Hawthorne Material Storage	Date: 3/5/2015 00:00
Facility Location: US-95 MN 83.16	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : A.J Kintz	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F):	
2. Precipitation: N/A	
3. Wind (mph): 0-5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: salt/sand	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes:	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes:	

Non-Compliance Issues

none

III.M.4 Certified and Signed

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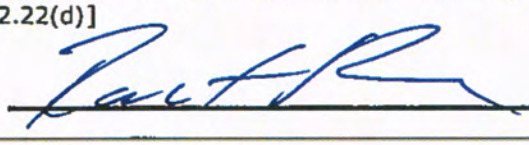
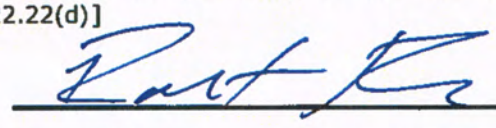
Authorized Signature: 

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)	
Facility Name: Hawthorne Material Storage	Date: 3/5/2015 00:00
Facility Location: SR-359 MN 7.0	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : A.J Kintz	
Facility Supervisor II : Ed Ely	
Weather at Time of Inspection:	
1. Temperature (°F):	
2. Precipitation: N/A	
3. Wind (mph): 0-5	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	Yes
Types: Chips, fill material	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	
Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes:	
Overall Facility Condition	
Are outside areas kept neat, clean and orderly?	Yes
Notes:	
Non-Compliance Issues	
None	
III.M.4 **Certified and Signed**	
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]	
Authorized Signature: 	

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Hawthorne Material Storage	Date: 3/5/2015 00:00
Facility Location: SR-359 MN 13.1	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : A.J Kintz	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F):	
2. Precipitation: N/A	
3. Wind (mph): 0-5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Chips,	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes:	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes:	

Non-Compliance Issues

None

III.M.4 Certified and Signed

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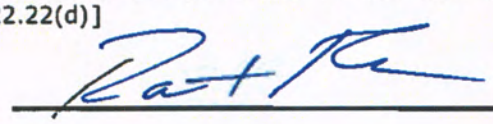
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Hawthorne Material Storage	Date: 3/5/2015 00:00
Facility Location: SR-359 MN 20.5	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : A.J Kintz	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F):	
2. Precipitation: N/A	
3. Wind (mph): 0-5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes:	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes: Site no longer being used	

Non-Compliance Issues

None

III.M.4 Certified and Signed

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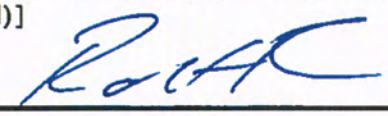
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Hawthorne Material Storage	Date: 3/5/2015 00:00
Facility Location: SR-359 MN 26.0	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : A.J Kintz	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F):	
2. Precipitation: N/A	
3. Wind (mph): 0-5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes:	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes: Site no longer being used	

Non-Compliance Issues

None

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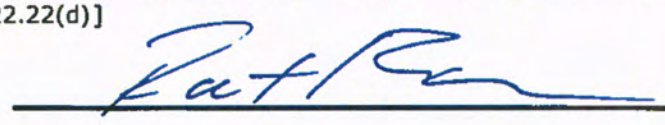
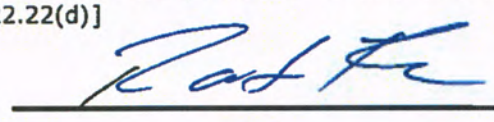
Authorized Signature: 

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)	
Facility Name: Hawthorne Material Storage	Date: 3/5/2015 00:00
Facility Location: SR-359 MN 32.5	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : A.J Kintz	
Facility Supervisor II : Ed Ely	
Weather at Time of Inspection:	
1. Temperature (°F):	
2. Precipitation: N/A	
3. Wind (mph): 0-5	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	Yes
Types: Chips, millings, base, sand	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes: some trash around facility, (TV, garbage etc.). recommend removal of trash and debris	
Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes:	
Overall Facility Condition	
Are outside areas kept neat, clean and orderly?	Yes
Notes:	
Non-Compliance Issues	
None	
III.M.4 **Certified and Signed**	
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]	
Authorized Signature: 	

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Hawthorne Material Storage	Date: 3/5/2015 00:00
Facility Location: US-95 MN 29.15 Pit #MI02-03, BLM	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : A.J Kintz	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F):	
2. Precipitation: N/A	
3. Wind (mph): 0-5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: fill material	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes:	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes:	

Non-Compliance Issues

III.M.4 Certified and Signed

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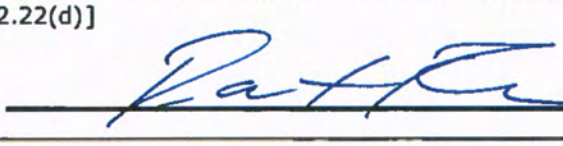
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Hawthorne Material Storage	Date: 3/5/2015 00:00
Facility Location: US-95 CH 76.8	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : A.J Kintz	
Facility Supervisor II : Ed Ely	

Weather at Time of Inspection:

1. Temperature (°F):	
2. Precipitation: N/A	
3. Wind (mph): 0-5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Chips, material pit	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes:	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes:	

Non-Compliance Issues

None

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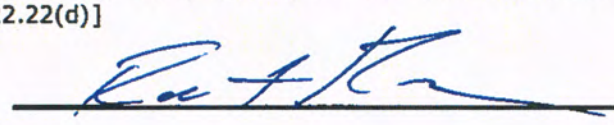
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Incline Maintenance	Date/Time: 1/15/2015 11:30
Facility Location: SR 431 WA MP 0.14 (INCLM)	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : John Duke (MTROSM)	
Facility Supervisor II : Troy Hammond (CC,GV,MTRS,SPNR,KBY)	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 40	
2. Precipitation None	
3. Wind (mph) 0	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel/Unleaded	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	YES
5. Is there a "fuel pump house" located at this facility?	YES
Items stored: Floor Dry	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES
Notes:	

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: loader, plow trucks, snow blower	
2. Are vehicle/equipment leaks present?	YES
3. Have BMPs been implemented to address leaks/spills?	YES
Containment measures: Floor Dry	
Clean-up measures: Proper Disposal of saturated floor dry.	
Notes: Plow truck fluid leak, floor dry was placed for cleanup.	

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	N/A
Notes: No batteries are stored here. Floor drains go to sand/oil separator at wash pad	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: retaining blocks, barrier rail, chips, cones.	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	YES
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
Are leaks present around the pipes and fittings?	N/A
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types: Sweeper Spoils.	
BMPs properly implemented?	N/A
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes:	
Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes: Cones, concrete barricades.	
Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	N/A
Notes: None at this site.	
Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	UNDETERMINED
4. Is the wash pad properly maintained?	YES
Sediment Removal Frequency: As Needed	
Interceptor Inspection Frequency: Biannually	
Interceptor Clean-Out Frequency: Yearly	
Notes: None at this site.	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes: None at this site.	

Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	NO
3. Are there signs of an offsite dischage?	NO
Notes: None at this site.	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	NO
2. Is there any residual sand/salt on the ground near equipment?	NO
3. Are there any equipment leaks?	NO
4. Have BMPs been properly implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	N/A
Notes: None at this site.	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	YES
Is this a Waters of the United States?	UNDETERMINED
Is this a 303(d) Impaired Waters listing?	NO
Impaired constituents:	
2. Does stormwater discharge into hydraulic facilities?	YES
Type: Slotted Drain.	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	NO
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: s/o interceptors	
Inspection frequency: Yearly	
Maintenance frequency: As needed	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes:	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	YES
Frequency: N/A	
Notes: Facility kept neat and clean.	

Non-Compliance Issues
none

Certification and Signature
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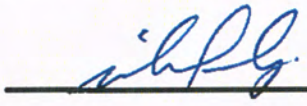
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Lovelock South 105	Date: 2/19/2015 1:30 am
Facility Location: PE 01, PE 16.1	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : Will Barter	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 67	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Milling, salt sand, riprap, guard rail cmp signs , cattle guards, tirez k rail	
Are BMPs properly implemented?	NO
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	NO
4. Does facility store sweeping spoils on site?	Yes
Are BMPs properly implemented?	Yes
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes
Types: Broken up asphalt, trash,	
Are BMPs properly implemented?	Yes

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: stormwater generally infiltrates on site

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	NO

Notes:

Non-Compliance Issues

Minor leak under front end loader

III.M.4 Certified and Signed

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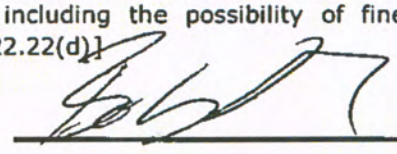
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Lovelock Maintenance	Date/Time: 2/19/2015 13:15
Facility Location: SR 854 PE MP 3.90, 690 Grinnel Ave	
Inspector(s): Bob Ragar	
Title(s): Staff II AE, Water Quality	
Facility Supervisor I : Will Barter	
Facility Supervisor II : Paul Harmon	

Weather Conditions at Time of Inspection:	
1. Temperature (°F) 65	
2. Precipitation None	
3. Wind (mph) 0	

Fueling Area	
1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel, Unleaded	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	YES
5. Is there a "fuel pump house" located at this facility?	NO
Items stored:	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES
Notes: Above ground tank has secondary containment (concrete curb) around perimeter. No leaks visible.	

Vehicle/Equipment Parking Areas	
1. Are vehicles and/or equipment staged outside?	YES
Types: Plows, grader, sweeper, loaders, pickup trucks	
2. Are vehicle/equipment leaks present?	NO
3. Have BMPs been implemented to address leaks/spills?	NO
Containment measures:	
Clean-up measures:	
Notes: Minor leak on plow attachment on the East side of the Yard	

Equipment Maintenance/Repair Facilities	
1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	NO
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	UNDETERMINED
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	N/A
Notes:	

Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: street lights, sign posts, cones, guardrail and posts	
BMPs properly implemented?	NO
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	NO
Are leaks present around the pipes and fittings?	N/A
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
BMPs properly implemented?	N/A
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes:	

Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes: Two Sweepers currently stored here. Signs, cones and light plant stored here. Herbicides stored here and labeled properly.	

Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	YES
Notes: Herbicides stored in cold storage. (4 bay garage)	

Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	NO
4. Is the wash pad properly maintained?	NO
Sediment Removal Frequency: as needed and after storm events	
Interceptor Inspection Frequency: N/A	
Interceptor Clean-Out Frequency: N/A	
Notes: The wash pad (a concrete slab at southeast side of yard) directs wash water through gravel bags to roadside ditch along Grinnel Ave. Advised staff not to wash equipment at this facility	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes:	

Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	NO
3. Are there signs of an offsite dischage?	NO
Notes: Not a stand pipe, 2" hose bib at the east side of the Facility, Graound around bib wet from recent filling of water truck	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	YES
3. Are there any equipment leaks?	YES
4. Have BMPs been properly implemented to address leaks/spills?	NO
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	YES
Notes: 2 Minor hydraulic leaks, recommend clean up an d proper disposal of hydraulic fluid within 7 days or within 24 hr of forecasted event	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	YES
Is this a Waters of the United States?	YES
Is this a 303(d) Impaired Waters listing?	YES
Impaired constituents: boron, iron, molybdenum	
2. Does stormwater discharge into hydraulic facilities?	NO
Type:	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	NO
Type:	
Inspection frequency: N/A	
Maintenance frequency: N/A	
4. Does the facility receive significant run-on?	YES
Source of run-on: Grinnel Ave	
Notes: Drains to Humboldt Sink and Humboldt River	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	NO
Frequency: N/A	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	NO
5. Are there routine facility clean-up days?	UNDETERMINED
Frequency: N/A	
Notes: Recommend continued mechanical sweeping at regular frequencies	

Non-Compliance Issues

2 Minor hydraulic leaks at the Spreader Racks and a minor leak on plow attachment on the East side of the Yard, recommend clean up and proper disposal of hydraulic fluid within 7 days or within 24 hr of forecasted event

Certification and Signature

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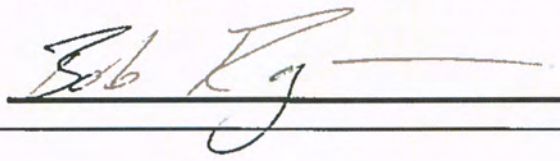


Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: K.O.A. Yard	Date: 2/19/2015 11:50 am
Facility Location: IR 80 PE MP 16.50	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : Will Barter	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 65	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: barrier rail guardrail sign posts, signs, guardrail, spreader racks, impact attenuators	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes
Types: Trees , wood	
Are BMPs properly implemented?	NO

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: relatively flat gravel/dirt storage area, Stormwater will generally infiltrate on site

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	NO

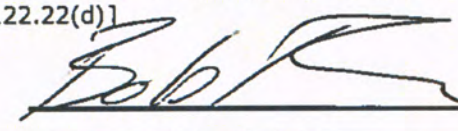
Notes: area in need of general cleanup

Non-Compliance Issues

None observerd

III.M.4 Certified and Signed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Humbolt House	Date: 2/19/2015 10:20 am
Facility Location: IR 80 PE MP 49.9	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : Will Barter	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 63	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Salt Sand Piles, Solar powered radio repeater, signs	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes
Types: None at this time	
Are BMPs properly implemented?	N/A

Notes: Fence perimeter is lined with straw waddles

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater sheetflows to the west into the perimeter fence which is lined with waddles.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	NO

Notes:

Non-Compliance Issues

None observerd

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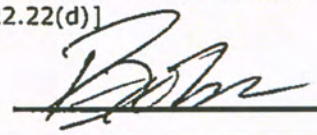
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Oreana Storage/Stockpile Area	Date: 2/19/2015 11:00 am
Facility Location: I-80, Exit 119	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : Will Barter	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 65	
2. Precipitation: N/A	
3. Wind (mph):	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: salt sand, salt	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: straw waddles around fence perimeter

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes
Is this a Waters of the United States?	Yes
Is this a 303(d) Impaired Waters listing?	Yes
Impaired constituents: iron, total phosphorus, molybdenum	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater sheet flows to north west and infiltrates into the gore area along the Exit 119 ramp

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

fluid leak under front end loader

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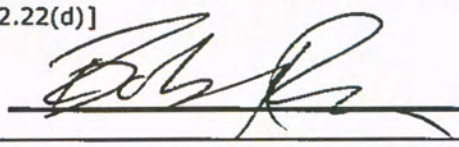
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Old Mt Rose Maintenance	Date/Time: 1/15/2015 11:00
Facility Location: SR 431 WA MP 12.99 (MTROSM)	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : John Duke (MTROSM)	
Facility Supervisor II : Troy Hammond (CC,GV,MTRS,SPNR,KBY)	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 35	
2. Precipitation None	
3. Wind (mph) 0	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	N/A
5. Is there a "fuel pump house" located at this facility?	NO
Items stored:	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES

Notes: Spill kit is located in the garage.

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: blade, backhoe, dozer	
2. Are vehicle/equipment leaks present?	NO
3. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures: Floor Dry	
Clean-up measures: Proper Disposal of saturated floor dry.	

Notes:

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	NO
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	N/A
Notes: No batteries are stored here.	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	NO
Types:	
BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	YES
3. Does the facility have a brine tank?	YES
Is there secondary containment?	N/A
Are leaks present around the pipes and fittings?	N/A
4. Are sweeping spoils on site?	YES
BMPs properly implemented?	YES
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	YES
Types: Sweeper Spoils.	
BMPs properly implemented?	YES
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes:	
Cold Storage Areas	
1. Are cold storage areas present?	NO
Notes:	
Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	N/A
Notes: None at this site.	
Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	NO
2. Is there an engineered wash pad at this facility?	NO
3. Is the wash pad area sufficiently engineered?	N/A
4. Is the wash pad properly maintained?	N/A
Sediment Removal Frequency: N/A	
Interceptor Inspection Frequency: N/A	
Interceptor Clean-Out Frequency: N/A	
Notes: None at this site.	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes: None at this site.	

Water Truck Filling Stations	
1. Are water truck filling stations present?	NO
2. Are there water leaks or is there water running?	N/A
3. Are there signs of an offsite dischage?	N/A
Notes: None at this site.	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	NO
2. Is there any residual sand/salt on the ground near equipment?	
3. Are there any equipment leaks?	N/A
4. Have BMPs been properly implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	N/A
Notes: None at this site.	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	YES
Is this a Waters of the United States?	UNDETERMINED
Is this a 303(d) Impaired Waters listing?	NO
Impaired constituents:	
2. Does stormwater discharge into hydraulic facilities?	YES
Type: Slotted Drain.	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	YES
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: s/o interceptor recieving flow from garage floor drains.	
Inspection frequency: Yearly	
Maintenance frequency: Biannually	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes:	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	YES
Frequency: N/A	
Notes: Facility kept neat and clean.	

Non-Compliance Issues

none

Certification and Signature

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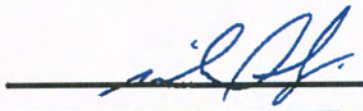
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Reno Maintenance	Date/Time: 1/22/2015 10:00
Facility Location: SR 667 WA MP 26.30 (RNOM)	
Inspector(s): Bob Ragar	
Title(s): Staff II AE, Water Quality	
Facility Supervisor I : NONE	
Facility Supervisor II : Jason Marty	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 38	
2. Precipitation None	
3. Wind (mph) 0	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	YES
5. Is there a "fuel pump house" located at this facility?	YES
Items stored: Floor Dry, Spill Kit	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES

Notes: Sweep up floor dry once saturated with spilled diesel

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: Miscellaneous Maintenance Equipment, Plows, dump trucks etc.	
2. Are vehicle/equipment leaks present?	NO
3. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	

Notes: Small drips throughout equipment parking area need floor dry applied followed by clean up and proper disposal, specifically unit #'s 1274, 2296, 0588, 1464.

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	NO
3. Are there appropriate used equipment fluid receptacles?	NO
Are they properly labeled?	N/A
3. Are there floor drains that discharge to a sand/oil interceptor?	NO
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	NO
Notes: No batteries being stored	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: guardrail, cones, fencing, luminary poles ect	
BMPs properly implemented?	NO
2. Does the facility have an enclosed structure for sand/salt?	YES
3. Does the facility have a brine tank?	YES
Is there secondary containment?	YES
Are leaks present around the pipes and fittings?	NO
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
BMPs properly implemented?	N/A
7. Is striping paint stored on the facility?	YES
BMPs properly implemented?	YES
Notes:	
Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes:	
Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	YES
Notes: Herbacides	
Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	NO
4. Is the wash pad properly maintained?	YES
Sediment Removal Frequency: as needed	
Interceptor Inspection Frequency: Yearly	
Interceptor Clean-Out Frequency: bimonthly	
Notes: currently being used, gravel bag BMPs implemented to prevent wash water from leaving wash pad area	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	YES
2. Are they currently being used?	YES
BMPs properly implemented?	YES
Notes: none at this time	

Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	NO
3. Are there signs of an offsite dischage?	NO
Notes: concrete pad under stand pipe currently wet from recent use, gravel bag BMP's implemented to contain any spills	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	NO
3. Are there any equipment leaks?	YES
4. Have BMPs been properly implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	YES
Notes: none at this time	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	YES
Is this a Waters of the United States?	YES
Is this a 303(d) Impaired Waters listing?	YES
Impaired constituents: TSS and Temperature	
2. Does stormwater discharge into hydraulic facilities?	YES
Type: Drainage inlets	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	YES
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: SOIs and Treatment Vault	
Inspection frequency: Yearly	
Maintenance frequency: Yearly	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes:	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: Monthly or as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	YES
Frequency: Monthly	
Notes: Sweeping operations occurring as facility being inspected	

Non-Compliance Issues

Minor drips in vehicle/equipment parking area need to be cleaned up with floor dry or equivalent and then properly disposed of within 7 days or within 24hrs of the next forecasted storm event

Certification and Signature

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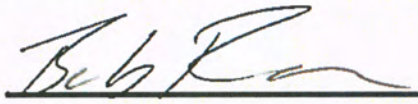
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Clear Acre Yard	Date: 1/22/2015 11:20
Facility Location: I-580 WA 27.18	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I :	
Facility Supervisor II : Jason Marty	

Weather at Time of Inspection:

1. Temperature (°F): 45	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: agg base, fill material, luminary poles, power poles, conc barrier rail, gueard rail, impact attenuators (See below)	
Are BMPs properly implemented?	NO
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	Yes
Are BMPs properly implemented?	Yes
5. Is vactor truck waste stored onsite?	Yes
Are BMPs properly implemented?	Yes
6. Is roadside/miscellaneous waste stored onsite?	Yes
Types: plastics, wood, paper, metal	
Are BMPs properly implemented?	N/A

Notes: roadside waste and sweeping spoils hauled to landfill on a weekly basis, currently due to be hauled off, recommend clean up in front of bin

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Concrete rail protecting riparian area at south end of yard

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes: Stormwater generally infiltrates level, upaved yard

Non-Compliance Issues

hydraulic ram leaking on dozer #1756, recommend clean up and proper disposal

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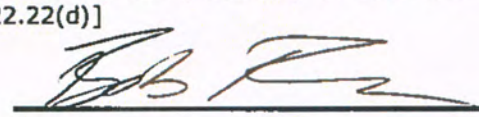
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Mt Rose Jct	Date: 1/22/2015 11:50
Facility Location: SR-431 WA 23.85	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : Steve Cordle	
Facility Supervisor II : Jason Marty	

Weather at Time of Inspection:

1. Temperature (°F): 60	
2. Precipitation: N/A	
3. Wind (mph): 0-5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Salt/sand, brine tanks	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	NO
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: C C Myers has left galvanized expansion joint from #3292 at facility

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: This site is close to Steamboat Ditch and the south fork of Whites Creek. It may have potential to get to creek

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	NO

Notes: adjacent storage area used during contract #3292 has debris and misc materials that need to be clean up

Non-Compliance Issues

debris and or non waste material in adjacent storage area needs to be cleaned up and properly disposed of or stored properly as needed

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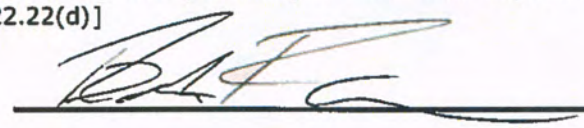
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Stead Yard	Date: 1/22/2015 10:30
Facility Location: US-395 WA 34.75	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I :	
Facility Supervisor II : Jason Marty	
Weather at Time of Inspection:	
1. Temperature (°F): 55	
2. Precipitation: N/A	
3. Wind (mph): 5	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	Yes
Types: Salt/sand	
Are BMPs properly implemented?	NO
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	NO
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes: Concrete barrier rail around brine tanks.	
Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes:	
Overall Facility Condition	
Are outside areas kept neat, clean and orderly?	Yes
Notes:	
Non-Compliance Issues	
none at this time	
III.M.4 **Certified and Signed**	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: Bob R

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Boomtown Yard	Date: 1/22/2015 11:00
Facility Location: I-80 WA 4.0	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I :	
Facility Supervisor II : Jason Marty	

Weather at Time of Inspection:

1. Temperature (°F): 45	
2. Precipitation: N/A	
3. Wind (mph): 0-5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Salt/sand in shed	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	Yes
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	NO
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: Concrete barrier rail around front of brine tanks.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater sheetflows to DI and goes to outflow pipe at east side of yard and infiltrates into vegetation.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

None

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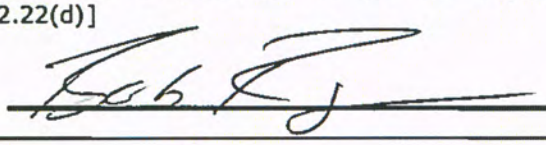
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Whiskey Springs	Date: 1/22/2015 01:30
Facility Location: SR-445 WA 22.1	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I :	
Facility Supervisor II : Jason Marty	

Weather at Time of Inspection:

1. Temperature (°F): 60	
2. Precipitation: N/A	
3. Wind (mph): 5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Salt/sand, cones, CMP, sign posts	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	NO
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: Concrete barrier rail positioned around brine tank

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on: Minimal run-on flow from SR-445	

Notes: Storm runoff sheetflows north east to upland vegetation to infiltrate

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

None at this time

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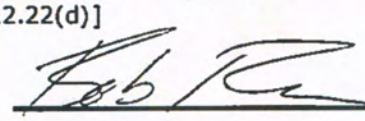
Authorized Signature: 

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)	
Facility Name: Mira Loma	Date: 1/22/2015 03:00
Facility Location: WA 71-01	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : John Duke	
Facility Supervisor II : Jason Marty	
Weather at Time of Inspection:	
1. Temperature (°F): 60	
2. Precipitation: N/A	
3. Wind (mph): 5	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	Yes
Types: aggregate	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	NO
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	
Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on: Minimal run-on flow from SR-445	
Notes: site is a material pit and storm flows generally infiltrate on site	
Overall Facility Condition	
Are outside areas kept neat, clean and orderly?	Yes
Notes:	
Non-Compliance Issues	
None at this time	
III.M.4 **Certified and Signed**	
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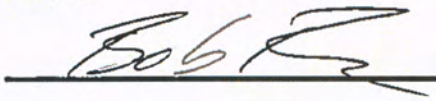
Authorized Signature: 	

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Sparks Equipment Yard	Date/Time: 3/3/2015 14:30
Facility Location: SR 667 WA MP 26.30 (311 Galletti Way)	
Inspector(s): Bob Ragar	
Title(s): Staff II AE, Water Quality	
Facility Supervisor I : NONE	
Facility Supervisor II : Wayne Miller	

Weather Conditions at Time of Inspection:	
1. Temperature (°F) 40	
2. Precipitation None	
3. Wind (mph) 0	

Fueling Area	
1. Is there a fueling area located at this facility?	YES
Fuel type(s): Regular unleaded, Refomulated Gas (RFG)	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	YES
5. Is there a "fuel pump house" located at this facility?	YES
Items stored: Spill Kit, desk	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES
Notes:	

Vehicle/Equipment Parking Areas	
1. Are vehicles and/or equipment staged outside?	YES
Types: Miscellaneous Maintenance Equipment, Plows, dump trucks etc.	
2. Are vehicle/equipment leaks present?	YES
3. Have BMPs been implemented to address leaks/spills?	YES
Containment measures: Floor Dry and drip pans	
Clean-up measures: Floor Dry and Drip pans	
Notes: 2 minor fluid leaks under a plow, and a milling machine both requiring floor dry application and subsequent clean up	

Equipment Maintenance/Repair Facilities	
1. Are major vehicle/equipment repairs performed at this facility?	YES
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	YES
5. Have BMPs been implemented to address leaks/spills?	YES
Containment measures: Floor dry and Drip pans	
Clean-up measures: Floor Dry and drip pans	

6. Are batteries properly stored?	YES
Notes:	

Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: Steel, plastic, oil, gas, paints, solvents, glass	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	NO
Are leaks present around the pipes and fittings?	NO
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
BMPs properly implemented?	N/A
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes: none	

Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes:	

Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	N/A
Notes:	

Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	NO
4. Is the wash pad properly maintained?	YES
Sediment Removal Frequency: Weekly	
Interceptor Inspection Frequency: Weekly	
Interceptor Clean-Out Frequency: as needed	
Notes: Steam cleaning wash pad drains to sand/oil interceptor and subsequent sanitary sewer, see newly installed glue down barrier to contain wash water.	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes:	

Water Truck Filling Stations	
1. Are water truck filling stations present?	NO
2. Are there water leaks or is there water running?	NO
3. Are there signs of an offsite dischage?	NO
Notes:	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	NO
3. Are there any equipment leaks?	NO
4. Have BMPs been properly implemented to address leaks/spills?	YES
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	YES
Notes:	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	YES
Is this a Waters of the United States?	YES
Is this a 303(d) Impaired Waters listing?	YES
Impaired constituents: TSS and Temperature	
2. Does stormwater discharge into hydraulic facilities?	YES
Type: Drainage inlets	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	YES
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: SOIs and Treatment Vault	
Inspection frequency: annually	
Maintenance frequency: annually	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes:	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: Monthly	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	YES
Frequency: Weekly	
Notes:	

Non-Compliance Issues

2 minor fluid leaks associated with a plow, and a milling machine,

Certification and Signature

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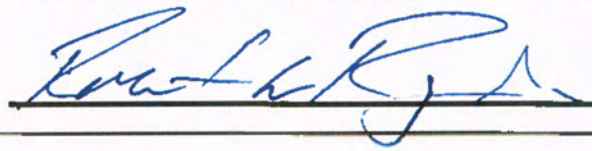
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Spooner Maintenance	Date/Time: 1/15/2015 12:18
Facility Location: US 50 DO MP 12.00 (SPNRM)	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : Bill Walter (SPNRM)	
Facility Supervisor II : Troy Hammond (CC,GV,MTRS,SPNR,KBY)	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 45	
2. Precipitation None	
3. Wind (mph) 0	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	YES
5. Is there a "fuel pump house" located at this facility?	YES
Items stored: Floor Dry	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES

Notes:

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: loader, plow truck, Electronic Message Sign (EMS)	
2. Are vehicle/equipment leaks present?	YES
3. Have BMPs been implemented to address leaks/spills?	YES
Containment measures: Floor Dry	
Clean-up measures: Proper Disposal of saturated floor dry.	

Notes: Plow truck fluid leak, floor dry was placed for cleanup. Recommend drip pan for containment of any further leaks.

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	YES
Containment measures: Floor Dry	
Clean-up measures: Proper Disposal	

6. Are batteries properly stored?	N/A
Notes: No batteries are stored here. Floor drains go to sand/oil separator at wash pad	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: Guardrail, pvc pipe, steel anchor bolts.	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	N/A
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
Are leaks present around the pipes and fittings?	N/A
4. Are sweeping spoils on site?	YES
BMPs properly implemented?	YES
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	YES
Types: Sweeper Spoils.	
BMPs properly implemented?	YES
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes:	
Cold Storage Areas	
1. Are cold storage areas present?	NO
Notes:	
Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	N/A
Notes: None at this site.	
Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	NO
2. Is there an engineered wash pad at this facility?	NO
3. Is the wash pad area sufficiently engineered?	N/A
4. Is the wash pad properly maintained?	N/A
Sediment Removal Frequency: N/A	
Interceptor Inspection Frequency: N/A	
Interceptor Clean-Out Frequency: N/A	
Notes: None at this site.	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes: None at this site.	

Water Truck Filling Stations	
1. Are water truck filling stations present?	NO
2. Are there water leaks or is there water running?	N/A
3. Are there signs of an offsite dischage?	N/A
Notes: None at this site.	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	NO
2. Is there any residual sand/salt on the ground near equipment?	N/A
3. Are there any equipment leaks?	N/A
4. Have BMPs been properly implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	N/A
Notes: None at this site.	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	YES
Is this a Waters of the United States?	UNDETERMINED
Is this a 303(d) Impaired Waters listing?	UNDETERMINED
Impaired constituents:	
2. Does stormwater discharge into hydraulic facilities?	YES
Type: Slotted Drain.	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	YES
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: s/o interceptors	
Inspection frequency: N/A	
Maintenance frequency: N/A	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes: Galena Creek is a receiving waterbody nearby, continue to maintain a clean and orderly maintenance facility.	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	NO
Frequency: as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	YES
Frequency: N/A	
Notes: Facility kept neat and clean.	

Non-Compliance Issues
none

Certification and Signature
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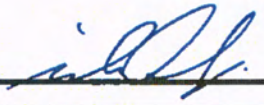
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Spooner East (Decanter Facility)	Date: 1/15/2015 13:00
Facility Location: Spooner Summit	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Danny Young	
Facility Supervisor II : Troy Hammond	

Weather at Time of Inspection:

1. Temperature (°F): 50	
2. Precipitation: N/A	
3. Wind (mph): <5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	Yes
4. Does facility store sweeping spoils on site?	Yes
Are BMPs properly implemented?	Yes
5. Is vactor truck waste stored onsite?	Yes
Are BMPs properly implemented?	Yes
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: Facility is kept organized and neat.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	NO
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	Yes
Source of run-on: Cut Slope at back of Maintenance facility.	

Notes:

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

None

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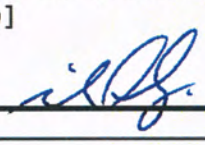
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Oasis yard	Date: 1/15/2015 13:00
Facility Location: US 50 CC MP 7.00	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Bill Walter	
Facility Supervisor II : Troy Hammond	

Weather at Time of Inspection:

1. Temperature (°F): 50	
2. Precipitation: N/A	
3. Wind (mph): <5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	Yes
Is there secondary containment?	Yes
4. Does facility store sweeping spoils on site?	Yes
Are BMPs properly implemented?	Yes
5. Is vactor truck waste stored onsite?	Yes
Are BMPs properly implemented?	Yes
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: Facility is kept organized and neat.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	NO
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	Yes
Source of run-on: Cut Slope at back of Maintenance facility.	

Notes:

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

None

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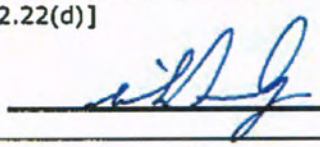
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Virginia City Maintenance	Date/Time: 2/9/2015 00:00
Facility Location: SR 342 ST MP 2.65	
Inspector(s): Bob Ragar	
Title(s): Staff II AE, Water Quality	
Facility Supervisor I : Russ Hires	
Facility Supervisor II : Jason Marty	

Weather Conditions at Time of Inspection:
1. Temperature (°F) 50
2. Precipitation None
3. Wind (mph) 15

Fueling Area	
1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel and Regular Unleaded	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	N/A
5. Is there a "fuel pump house" located at this facility?	YES
Items stored: used oil, floor dry (w/secondary containment)	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES
Notes: No apparent issues in the fueling area	

Vehicle/Equipment Parking Areas	
1. Are vehicles and/or equipment staged outside?	YES
Types: snow plows, pull brrom, sign trailer, water trailer, snow blower, grader, backhoe	
2. Are vehicle/equipment leaks present?	NO
3. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
Notes:	

Equipment Maintenance/Repair Facilities	
1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	NO
Notes: 2 bay enclosed garage with floor drains to an sand oil separator. All used fluids labeled with secondary containment. Additional properly labeled spill kit located in facility. Sand oil interceptor cleaned out annually or as needed.	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: salt, salt/sand	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	YES
Is there secondary containment?	YES
Are leaks present around the pipes and fittings?	NO
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
BMPs properly implemented?	N/A
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes: Brine mixing performed here. 2 brine tanks w/secondary containment. Sediment logs (straw waddles), and gravel bags placed around stockpiles. Safety cones, guardrail, barrier rail, sign and guide posts palletized and stored off of ground.	
Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes: 4 bay enclosed garage, Loader, broom, pick-up broom	
Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	N/A
Notes:	
Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	NO
3. Is the wash pad area sufficiently engineered?	N/A
4. Is the wash pad properly maintained?	N/A
Sediment Removal Frequency: Monthly	
Interceptor Inspection Frequency: Yearly	
Interceptor Clean-Out Frequency: Yearly, or as needed	
Notes: There is no wash pad at this facility. Gravel bags have been placed around drain inlet to collect wash sediment prior to wash water being transmitted to the interceptor and then to a roadside ditch along SR-342 ST MP 2.605 and then to a Sedimentation basin between Tunnel St and SR 342.	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes:	

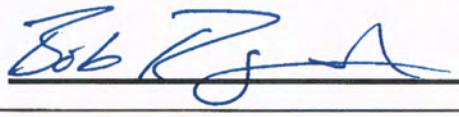
Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	NO
3. Are there signs of an offsite dischage?	NO
Notes:	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	NO
3. Are there any equipment leaks?	NO
4. Have BMPs been properly implemented to address leaks/spills?	NO
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	YES
Notes:	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	NO
Is this a 303(d) Impaired Waters listing?	NO
Impaired constituents:	
2. Does stormwater discharge into hydraulic facilities?	YES
Type: sand/oil interceptor to roadside ditch	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	YES
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: sand/oil interceptors	
Inspection frequency: Yearly	
Maintenance frequency: Yearly or as needed	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes: Majority of the storm water generated on site drains to a sand oil separator then to a roadside ditch along SR-342 where it is conveyed to what appears to be a sedimentation basin between Tunnel St and SR 342. Some of the flow generated on site drains to an adjacent dirt road under the south west access gate where it most likely infiltrates in the vegetated mine tailings	

Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: Monthly	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	NO
5. Are there routine facility clean-up days?	YES
Frequency: Monthly	
Notes: Yard looks to be in a neat orderly state and recently swept.	

Non-Compliance Issues
None at this time

Certification and Signature
I certify under penalty that this document and all attachments were prepared undery my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Dayton Storage Area	Date: 02/09/2015
Facility Location: SR-341 LY 0.6	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : Russ Hires	
Facility Supervisor II : Jason Marty	

Weather at Time of Inspection:

1. Temperature (°F): 55	
2. Precipitation: N/A	
3. Wind (mph): 15	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Agg Base	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: Berm pushed up around bottom of agg base pile

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes:

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: Bob Ragar

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Five Mile Flat	Date: 02/09/2015
Facility Location: SR-341 ST 9.2	
Inspector(s): Bob Ragar	
Title(s): Staff II AE	
Facility Supervisor I : Russ Hires	
Facility Supervisor II : Jason Marty	

Weather at Time of Inspection:

1. Temperature (°F): 55	
2. Precipitation: N/A	
3. Wind (mph): 15	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Agg Base (Storey County's material)	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: Berm pushed up around bottom of agg base pile

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes:

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes: Facility being used by Storey County not NDOT

Non-Compliance Issues

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Authorized Signature: Bob R

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Wellington Maintenance	Date/Time: 2/11/2015 09:15
Facility Location: SR 829 LY MP 3.00	
Inspector(s): Michael Brown Jr.	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : Brent Slobe	
Facility Supervisor II : Paul Harmon	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 55	
2. Precipitation None	
3. Wind (mph) 0	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel, Regular Unleaded	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	N/A
5. Is there a "fuel pump house" located at this facility?	YES
Items stored: Spill kit, Floor Dry	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES
Notes: None	

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: plow, loader, sweeper, flatbed trailer	
2. Are vehicle/equipment leaks present?	NO
3. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
Notes: Drip Pans used as needed.	

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	NO
Notes: No batteries stored at this facility	

Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: guardrail, fencing, sign posts, CMP, salt/sand	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	NO
Are leaks present around the pipes and fittings?	N/A
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
BMPs properly implemented?	N/A
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes:	

Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes: 4 bay garage with two plows stored, water well and pump house near center of yard	

Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	YES
Notes: Round-up, facility has a new herbicide spray tank not yet in use	

Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	YES
4. Is the wash pad properly maintained?	YES
Sediment Removal Frequency: Quarterly or as needed	
Interceptor Inspection Frequency: annually	
Interceptor Clean-Out Frequency: N/A	
Notes: wash water flows into a sand/oil interceptor and a subsequent leach field	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes:	

Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	NO
3. Are there signs of an offsite dischage?	NO
Notes: none	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	NO
3. Are there any equipment leaks?	NO
4. Have BMPs been properly implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	YES
Notes: None	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	NO
Is this a 303(d) Impaired Waters listing?	NO
Impaired constituents:	
2. Does stormwater discharge into hydraulic facilities?	NO
Type:	
BMPs properly implemented?	N/A
Hydraulic facilities properly maintained?	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: settling basin and sand/oil interceptor	
Inspection frequency: annually	
Maintenance frequency: Quarterly	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes: facility stormwater is transmitted to a roadside ditch along its north eastern boundary and into a subsequent leach field	

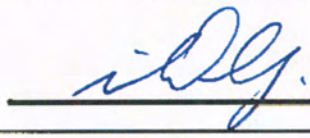
Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: after storms and as needed	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	UNDETERMINED
Frequency: N/A	

Notes: Clean-up is on a as needed basis, facility is neat and organized. Recommend implementation of a normally scheduled clean-up.

Non-Compliance Issues

Certification and Signature

I certify under penalty that this document and all attachments were prepared undery my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Sweetwater Storage Area and Mixing strip	Date: 2/11/2015 10:20
Facility Location: SR-338, LY 9.5	
Inspector(s): Michael Brown Jr.	
Title(s): Staff I AE	
Facility Supervisor I : Brent Slobe	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 62	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: agg base, chips, riprap, fill material	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	N/A
Source of run-on:	

Notes: Stormwater sheet flows to east of strip area into upland vegetation and infiltrates.

Overall Facility Condition

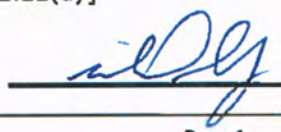
Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

III.M.4 Certified and Signed

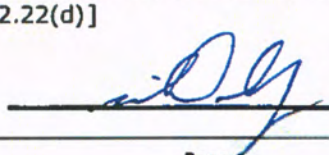
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Wellington Storage Area and Mixing strip	Date: 2/11/2015 11:30
Facility Location: SR-208, LY 10.0	
Inspector(s): Michael Brown Jr.	
Title(s): Staff I AE	
Facility Supervisor I : Brent Slobe	
Facility Supervisor II : Paul Harmon	
Weather at Time of Inspection:	
1. Temperature (°F): 60	
2. Precipitation: N/A	
3. Wind (mph): 0	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	Yes
Types: agg base, chips, misc fill material.	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	
Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	N/A
Source of run-on:	
Notes: Stormwater infiltrates on-site.	
Overall Facility Condition	
Are outside areas kept neat, clean and orderly?	Yes
Notes:	
Non-Compliance Issues	
None	
III.M.4 Certified and Signed	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Day Lane Material Pit	Date: 2/11/2015 11:15
Facility Location: SR-824, LY 3.64	
Inspector(s): Michael Brown Jr.	
Title(s): Staff I AE	
Facility Supervisor I : Brent Slobe	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 60	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

No non-waste materials currently stored at this facility, facility shared with other municipalities for the temporary storage of wood and brush debris for subsequent mulching to reduce the need for burning

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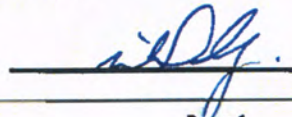
Authorized Signature: _____

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)	
Facility Name: Jackwright Storage Area and Mixing strip	Date: 2/11/2015 10:50
Facility Location: SR-208, LY 0.8	
Inspector(s): Michael Brown Jr.	
Title(s): Staff I AE	
Facility Supervisor I : Brent Slobe	
Facility Supervisor II : Paul Harmon	
Weather at Time of Inspection:	
1. Temperature (°F): 65	
2. Precipitation: N/A	
3. Wind (mph): 0	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	Yes
Types: agg base, chips, cold mix	
Are BMPs properly implemented?	Yes
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	
Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	Yes
Is this a Waters of the United States?	Yes
Is this a 303(d) Impaired Waters listing?	NO
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes: Stormwater discharges to ditch along the north east side of SR-208 which runs from Walker River to Artesia Lake State Wildlife Management Area.	
Overall Facility Condition	
Are outside areas kept neat, clean and orderly?	Yes
Notes:	
Non-Compliance Issues	
III.M.4 **Certified and Signed**	
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]	
Authorized Signature: 	

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Upper Colony Storage Area	Date: 2/11/2015 11:00
Facility Location: SR-208, LY .08 PITLY-14-05	
Inspector(s): Michael Brown Jr.	
Title(s): Staff I AE	
Facility Supervisor I : Brent Slobe	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 60	
2. Precipitation: N/A	
3. Wind (mph): 0	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: riprap, agg base	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes: Entire facility effectively an infiltration basin, 6-10ft berm around perimeter

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	N/A
Source of run-on:	

Notes: Entire facility effectively an infiltration basin, 6-10ft berm around perimeter

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

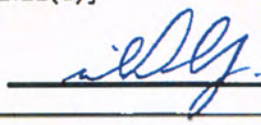
Notes:

Non-Compliance Issues

None

III.M.4 Certified and Signed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Yerington Maintenance	Date/Time: 2/11/2015 13:00
Facility Location: SR 208 LY MP 28.95 (YRNGTNM)	
Inspector(s): Michael Brown Jr.	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : Tony Gutierrez	
Facility Supervisor II : Paul Harmon	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 65	
2. Precipitation None	
3. Wind (mph) 5	

Fueling Area

1. Is there a fueling area located at this facility?	YES
Fuel type(s): Diesel	
2. Are fuel pumps leaking?	NO
3. Are fuel spills present in fueling area?	NO
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	N/A
5. Is there a "fuel pump house" located at this facility?	YES
Items stored: floor dry, spill kit	
6. Is there a spill kit at this location?	YES
Is it properly signed and labeled?	YES
Notes:	

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: Plow Truck, Loader, Sweeper	
2. Are vehicle/equipment leaks present?	NO
3. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
Notes:	

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	YES
3. Are there appropriate used equipment fluid receptacles?	YES
Are they properly labeled?	YES
3. Are there floor drains that discharge to a sand/oil interceptor?	YES
4. Are there any vehicles/equipment currently leaking?	YES
5. Have BMPs been implemented to address leaks/spills?	NO
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	YES
Notes: Water truck in maintenance building was observed to be leaking water from front-passenger side valve. Recommend that this valve be repaired to eliminate this discharge.	
Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: tellas bar, sign posts, signs	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
Are leaks present around the pipes and fittings?	N/A
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
BMPs properly implemented?	N/A
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes:	
Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes: 4 bay cold storage.	
Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	YES
Notes: Herbicide Roundup stored in 4 bay cold storage	
Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	NO
2. Is there an engineered wash pad at this facility?	NO
3. Is the wash pad area sufficiently engineered?	N/A
4. Is the wash pad properly maintained?	N/A
Sediment Removal Frequency: N/A	
Interceptor Inspection Frequency: N/A	
Interceptor Clean-Out Frequency: N/A	
Notes: @ Log cabin Site	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes:	

Water Truck Filling Stations	
1. Are water truck filling stations present?	NO
2. Are there water leaks or is there water running?	N/A
3. Are there signs of an offsite dischage?	N/A
Notes: @ Log cabin Site	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	NO
2. Is there any residual sand/salt on the ground near equipment?	N/A
3. Are there any equipment leaks?	N/A
4. Have BMPs been properly implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	N/A
Notes: @ Log Cabin Site	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	YES
Is this a Waters of the United States?	YES
Is this a 303(d) Impaired Waters listing?	YES
Impaired constituents: E-coli	
2. Does stormwater discharge into hydraulic facilities?	YES
Type: Storm drain in center of yard	
BMPs properly implemented?	YES
Hydraulic facilities properly maintained?	YES
3. Are there stormwater treatment facilities, i.e. interceptors	YES
Type: Only one from the 2 bay garage	
Inspection frequency: annually	
Maintenance frequency: 2-3 times per year and as needed	
4. Does the facility receive significant run-on?	NO
Source of run-on: N/A	
Notes: Stormwater flows to drain in center of facility or out the driveway to SR-208 and enters the city's catch basin for sedimentation and then discharge to the Walker River.	

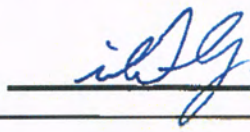
Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: 2-3 times per year and after storm events	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	NO
5. Are there routine facility clean-up days?	NO
Frequency: N/A	
Notes: Small facility, most use is out of the Log Cabin site.	

Non-Compliance Issues

Water leak from the water truck in the maintenance bay needs to be repaired.

Certification and Signature

I certify under penalty that this document and all attachments were prepared undery my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name: Log Cabin Yard	Date/Time: 2/11/2015 12:50
Facility Location: SR-339 LY 11.16	
Inspector(s): Michael Brown Jr.	
Title(s): Staff I AE, Water Quality	
Facility Supervisor I : Tony Gutierrez	
Facility Supervisor II : Paul Harmon	

Weather Conditions at Time of Inspection:

1. Temperature (°F) 65	
2. Precipitation None	
3. Wind (mph) 5	

Fueling Area

1. Is there a fueling area located at this facility?	NO
Fuel type(s): NONE	
2. Are fuel pumps leaking?	N/A
3. Are fuel spills present in fueling area?	N/A
4. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
4. Do above ground fuel tanks have secondary containment?	N/A
5. Is there a "fuel pump house" located at this facility?	NO
Items stored:	
6. Is there a spill kit at this location?	NO
Is it properly signed and labeled?	N/A
Notes:	

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	YES
Types: Plow Truck, Loader, trailer, tractor	
2. Are vehicle/equipment leaks present?	NO
3. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	
Notes:	

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	NO
2. Is minor equipment servicing performed at this facility?	NO
3. Are there appropriate used equipment fluid receptacles?	N/A
Are they properly labeled?	N/A
3. Are there floor drains that discharge to a sand/oil interceptor?	N/A
4. Are there any vehicles/equipment currently leaking?	NO
5. Have BMPs been implemented to address leaks/spills?	N/A
Containment measures:	
Clean-up measures:	

6. Are batteries properly stored?	N/A
Notes:	

Material Stockpile/Storage Areas	
1. Is non-waste material stored onsite?	YES
Types: tellas bar, sign posts, signs, pipe, Salt , Salt/sand, agg base, millings, chips, cold mi	
BMPs properly implemented?	YES
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	YES
Is there secondary containment?	NO
Are leaks present around the pipes and fittings?	NO
4. Are sweeping spoils on site?	NO
BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
BMPs properly implemented?	N/A
7. Is striping paint stored on the facility?	NO
BMPs properly implemented?	N/A
Notes: Recommend secondary containment around brine tank.	

Cold Storage Areas	
1. Are cold storage areas present?	YES
Notes: 1 shed and 1 40' connex box (sign material)	

Pesticides and Fertilizers	
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	NO
Notes:	

Equipment Wash Racks	
1. Is vehicle/equipment washing performed at this facility?	YES
2. Is there an engineered wash pad at this facility?	YES
3. Is the wash pad area sufficiently engineered?	YES
4. Is the wash pad properly maintained?	YES
Sediment Removal Frequency: as needed	
Interceptor Inspection Frequency: annually	
Interceptor Clean-Out Frequency: 2-3 times per year or as needed	
Notes:	

Field Material Testing Labs	
1. Are there field material testing labs onsite?	NO
2. Are they currently being used?	N/A
BMPs properly implemented?	N/A
Notes:	

Water Truck Filling Stations	
1. Are water truck filling stations present?	YES
2. Are there water leaks or is there water running?	NO
3. Are there signs of an offsite dischage?	NO
Notes:	

Salt/Sand Spreader Racks	
1. Are there salt/sand spreader racks at this facility?	YES
2. Is there any residual sand/salt on the ground near equipment?	NO
3. Are there any equipment leaks?	YES
4. Have BMPs been properly implemented to address leaks/spills?	NO
Containment measures:	
Clean-up measures:	
5. Are spreader hoses stored properly?	NO
Notes: Spreader hoses shall be contained by proper method. Bags on the end of hoses is an acceptable temporary solution to contain any leakage that may occur. Fluid leak observed at the spreader rack.	

Facility Stormwater	
1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	NO
Is this a 303(d) Impaired Waters listing?	NO
Impaired constituents:	
2. Does stormwater discharge into hydraulic facilities?	NO
Type:	
BMPs properly implemented?	N/A
Hydraulic facilities properly maintained?	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	NO
Type:	
Inspection frequency: N/A	
Maintenance frequency: N/A	
4. Does the facility receive significant run-on?	NO
Source of run-on: some run on from SR-339	
Notes: Area is surrounded by upland vegetation. Stormwater sheet flows to the adjacent vegetated area and infiltrates.	

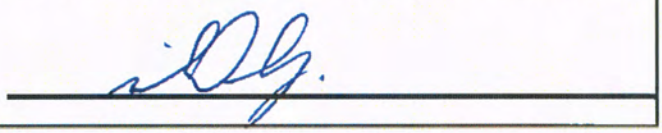
Overall Facility Condition/General Housekeeping	
1. Are outside areas kept neat, clean and orderly?	YES
2. Is the facility mechanically swept on a regular basis?	YES
Frequency: As needed.	
3. Is there trash buildup within and/or around the facility?	NO
4. Is trash placed in appropriate receptacles?	YES
5. Are there routine facility clean-up days?	UNDETERMINED
Frequency: N/A	
Notes: Recommend a posted weekly scheduling of cleanup activities.	

Non-Compliance Issues

Cleanup leak at the spreader rack and dispose of contaminated material properly.

Certification and Signature

I certify under penalty that this document and all attachments were prepared undery my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Plumber Pit	Date: 2/11/2015 11:40
Facility Location: SR208 Lyon MP 18.0	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Tony Gutierrez	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 60	
2. Precipitation: N/A	
3. Wind (mph): <5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Rock Chips	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A
Notes:	

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	
Notes: Stormwater infiltrates on-site.	

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes
Notes:	

Non-Compliance Issues

III.M.4 Certified and Signed

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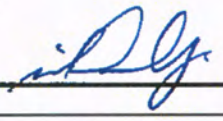
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: SR 339 Pit	Date: 2/11/2015 12:45
Facility Location: SR 339 Lyon MP 8.3	
Inspector(s): Michael Brown Jr	
Title(s): Staff I AE	
Facility Supervisor I : Tony Gutierrez	
Facility Supervisor II : Paul Harmon	

Weather at Time of Inspection:

1. Temperature (°F): 65	
2. Precipitation: N/A	
3. Wind (mph): <5	

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes
Types: Agg Base	
Are BMPs properly implemented?	N/A
2. Does the facility have an enclosed structure for sand/salt?	NO
3. Does the facility have a brine tank?	NO
Is there secondary containment?	N/A
4. Does facility store sweeping spoils on site?	NO
Are BMPs properly implemented?	N/A
5. Is vactor truck waste stored onsite?	NO
Are BMPs properly implemented?	N/A
6. Is roadside/miscellaneous waste stored onsite?	NO
Types:	
Are BMPs properly implemented?	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	NO
Is this a Waters of the United States?	N/A
Is this a 303(d) Impaired Waters listing?	N/A
Impaired constituents:	
2. Does the facility receive significant run-on?	NO
Source of run-on:	

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes

Notes:

Non-Compliance Issues

III.M.4 Certified and Signed

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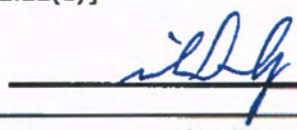
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Old Indain Springs**	Date: 08/19/14		
Facility Location:	851 McFarland Ave			
Inspector(s):	E. St. Sauver, K. West			
Title(s):	NDOT Water Quality			
Facility Supervisor I :	Glenn Rogers			
Facility Supervisor II :	Kevin Killian			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	84			
2. Precipitation	N/A			
3. Wind (mph)	0-5			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Unleaded, Diesel				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:	Good Housekeeping			
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes:				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types:				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
Notes:				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	N/A
Are they properly labeled?		Yes	No	N/A
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	N/A
4. Are there any vehicles/equipment currently leaking?		Yes	No	N/A
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				

6. Are batteries properly stored?	Yes	No	N/A
Notes:			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types:RCB, CMP, and Light posts			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:Tires, Scrap rubber - Temporarily			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes:			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes:Fencing, Traffic Cones, Signs, Etc.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	N/A
4. Is the wash pad properly maintained?	Yes	No	N/A
Sediment Removal Frequency:			
Interceptor Inspection Frequency:			
Interceptor Clean-Out Frequency:			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	N/A
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	N/A
2. Are there water leaks or is there water running?	Yes	No	N/A
3. Are there signs of an offsite discharge?	Yes	No	N/A
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	N/A
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	N/A
3. Are there any equipment leaks?	Yes	No	N/A
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	N/A
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes:			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency:Unpaved			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency:			
Notes:Paint cans by the dumpster need to be disposed of properly.			

Non-Compliance Issues
Paint cans by the dumpster need to be disposed of properly.

Certification and Signature
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Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Alamo Maintenance Station			Date: 09/22/2014
Facility Location:	US-93 LN 39.0			
Inspector(s):	Eric St. Sauver			
Title(s):	NDOT Water Quality Section			
Facility Supervisor I :	Robert Steele			
Facility Supervisor II :	Nick McMurray			

Weather Conditions at Time of Inspection:			
1. Temperature (°F)	75		
2. Precipitation	N/A		
3. Wind (mph)	0		

Fueling Area			
1. Is there a fueling area located at this facility?	Yes	No	
Fuel type(s): Diesel and Unleaded			
2. Are fuel pumps leaking?	Yes	No	
3. Are fuel spills present in fueling area?	Yes	No	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	No	
Items stored: Spill Kit / Floor Dry			
6. Is there a spill kit at this location?	Yes	No	
Is it properly signed and labeled?	Yes	No	
Notes: Both fuels have above ground tanks.			

Vehicle/Equipment Parking Areas			
1. Are vehicles and/or equipment staged outside?	Yes	No	
Types: Dump trucks, Blade, Plows, Sweeper			
2. Are vehicle/equipment leaks present?	Yes	No	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
Notes: Unit 1338 appears to be leaking. Unit 0251 is leaking coolant. Hoses on plow blades not properly stored. (not leaking)			

Equipment Maintenance/Repair Facilities			
1. Are major vehicle/equipment repairs performed at this facility?	Yes	No	
2. Is minor equipment servicing performed at this facility?	Yes	No	
3. Are there appropriate used equipment fluid receptacles?	Yes	No	
Are they properly labeled?	Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	No	
4. Are there any vehicles/equipment currently leaking?	Yes	No	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	N/A
Notes: Large repairs go to Las Vegas.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Sand/Salt, Interstate Melt, Cold mix, Sand			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	N/A
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes:			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Tires and Signs.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: 3x – 4x per year.			
Interceptor Inspection Frequency: Annually.			
Interceptor Clean-Out Frequency: As Needed.			
Notes: Facility also as a steam pad.			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes: Do not use due to low pressure, uses hydrant to the south of the yard.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes:Stormwater flows north of the yard to a vegetated dirch for infiltration.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: 3 – 4x per year			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Weekly			
Notes:			

Non-Compliance Issues

-Vehicles leaking fluids. Unit 0251 leaking coolant, and Unit 1338 appears to be leaking. (wet spot under vehicle).

-Hoses on plow blades not stored to prevent leaking, no leaking visible.

Certification and Signature

I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Alamo Storage	Date: 09/22/2014	
Facility Location:	SR-318 LN 4.0 Pit #CC023306		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Robert Steele		
Facility Supervisor II :	Nick McMurray		
Weather at Time of Inspection:			
1. Temperature (°F):	75		
2. Precipitation:	N/A		
3. Wind (mph):	0		
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Pit Run, Chips			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A
Notes:			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A
Notes: Pit is in the center of a large depression, stormwater infiltrates on site.			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	Yes	No	
Notes: Old tire in pit.			
Non-Compliance Issues			
None			
III.M.4 **Certified and Signed**			

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Alamo Storage	Date: 09/22/2014	
Facility Location:	SR-318 LN 43.67 Dist. Boundary		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Robert Steele		
Facility Supervisor II :	Nick McMurray		
Weather at Time of Inspection:			
1. Temperature (°F):	75		
2. Precipitation:	N/A		
3. Wind (mph):	0		
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Salt/Sand, Sand			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A
Notes: Facility also used by district 3.			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A
Notes: Stormwater flows south to upland vegetated area for infiltration.			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	Yes	No	
Notes:			
Non-Compliance Issues			
None			
III.M.4 **Certified and Signed**			

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Mt. Springs Maintenance Station	Date: 09/29/2014
Facility Location:	SR-160 CL21.3	
Inspector(s):	Eric St. Sauver	
Title(s):	NDOT Water Quality Section	
Facility Supervisor I :	Nanette Graham	
Facility Supervisor II :	Todd Marty	

Weather Conditions at Time of Inspection:

1. Temperature (°F)	70
2. Precipitation	None
3. Wind (mph)	0

Fueling Area

1. Is there a fueling area located at this facility?	Yes	No	
Fuel type(s): Diesel Only			
2. Are fuel pumps leaking?	Yes	No	
3. Are fuel spills present in fueling area?	Yes	No	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	No	
Items stored: Motor Oil, ATF, Coolant			
6. Is there a spill kit at this location?	Yes	No	
Is it properly signed and labeled?	Yes	No	

Notes:

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	Yes	No	
Types: Blade, Dump Trucks, Water Truck, Skid Steer, Snow Plow Blades			
2. Are vehicle/equipment leaks present?	Yes	No	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

Notes: Hoses on the snow plow blades not properly stored. (not leaking)

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	Yes	No	
2. Is minor equipment servicing performed at this facility?	Yes	No	
3. Are there appropriate used equipment fluid receptacles?	Yes	No	
Are they properly labeled?	Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	No	
4. Are there any vehicles/equipment currently leaking?	Yes	No	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	N/A
Notes: All major repairs go to one of the Las Vegas yards.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Guardrail, Sand/Salt, Signs, Interstate Melt, Fill Material, Millings			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	N/A
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes: Roadside debris hauled to the Pahrump dump.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Tires, Signs, Generator.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes: Roundup only, in an enclosed storage room.			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: 3x- 4x per year			
Interceptor Inspection Frequency: Monthly			
Interceptor Clean-Out Frequency: As Needed			
Notes: Usually uses the South Vegas yard for washing vehicles, due to low water pressure.			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes: Uses Pahrump water hydrant due to low pressure.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Stormwater sheet flows north towards entrance to facility and discharges east to a roadside ditch along SR160 for infiltration.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: Every two weeks			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Monthly			
Notes: Port-a-potty on site for the Division of Forestry personal trailers is staked in properly.			

Non-Compliance Issues

- Hoses on the snow plow blades not stored properly (not leaking).

Certification and Signature

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Mt. Springs Storage	Date: 09/29/2014		
Facility Location: SR-160 CL 37.75 Tecopa Rd Pit #CL47-04			
Inspector(s): Eric St. Sauver			
Title(s): NDOT Water Quality Division			
Facility Supervisor I : Nanette Graham			
Facility Supervisor II : Todd Marty			
Weather at Time of Inspection:			
1. Temperature (°F): 70			
2. Precipitation: None			
3. Wind (mph): 0			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Fill Material			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A
Notes:			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A
Notes: Stormwater infiltrates on site.			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	Yes	No	
Notes:			
Non-Compliance Issues			
III.M.4 **Certified and Signed**			

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name: Mt. Springs Storage	Date: 09/29/2014		
Facility Location: SR-160 NY 36.3 or US-95 NY 13.4 Pit #NY07-04			
Inspector(s): Eric St. Sauver			
Title(s): NDOT Water Quality Division			
Facility Supervisor I : Nanette Graham			
Facility Supervisor II : Todd Marty			
Weather at Time of Inspection:			
1. Temperature (°F): 70			
2. Precipitation: None			
3. Wind (mph): 0			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Fill Material, Chips, Coldmix, Sand			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A
Notes:			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A
Notes: Stormwater flows southwest into vegetated upland area for infiltration.			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	Yes	No	
Notes:			
Non-Compliance Issues			
III.M.4 **Certified and Signed**			
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]			
Authorized Signature:			

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Mt. Springs Storage	Date:	09/29/2014
Facility Location:	SR-159 CL 1.3 Blue Diamond Pit #CL69-01		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Division		
Facility Supervisor I :	Nanette Graham		
Facility Supervisor II :	Todd Marty		

Weather at Time of Inspection:

1. Temperature (°F):	70
2. Precipitation:	None
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Millings, Sand/Salt, Fill Material, Temporary Rail, Landscape Rock			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

III.M.4 **Certified and Signed**

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Mt. Springs Storage	Date:	09/29/2014
Facility Location:	SR-160 CL 26.9 Sandy Valley Pit #CL47-03		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Division		
Facility Supervisor I :	Nanette Graham		
Facility Supervisor II :	Todd Marty		

Weather at Time of Inspection:

1. Temperature (°F):	70
2. Precipitation:	None
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Sand, Fill Material			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Pit is not locked. Dumping of trash/oil in pit.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

Oil jugs left in the pit, possible soil contamination.

III.M.4 **Certified and Signed**

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Tonopah Maintenance Station	Date: 10/06/14		
Facility Location:	US-6 NY 1.8			
Inspector(s):	Eric St. Sauver			
Title(s): NDOT	Water Quality Section			
Facility Supervisor I :				
Facility Supervisor II :	Kevin Strozzi			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	75			
2. Precipitation	0			
3. Wind (mph)	0-2			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s):	Diesel, Unleaded			
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored: Spill Kit, Motor Oil, ATF				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes: Pump #4 has a spill next to it, no floor dry was applied. After pointing it out to Kevin, floor dry was applied. Floor Dry in front of pump #4 from a previous spill. Recommend sweeping up the floor dry after the spill has been absorbed, and dispose of properly.				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Dump Trucks, Trailers, Boot Truck, Multiple Maintenance Vehicles				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures: Floor Dry				
Clean-up measures: Sweeping after absorbed.				
Notes: Kevin stated that the water truck was leaking fluid while driving through the yard this morning. Floor dry has been applied throughout the yard. Recommend sweeping after the leak has been absorbed.				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				

6. Are batteries properly stored?	Yes	No	
Notes: Batteries are stored outside in covered storage. Floor drains in shop have been concreted, so they do not function.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Sand/Salt, Fencing, Guardrail			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	N/A
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: All waste is hauled to the dump. Recommend secondary containment around the brine tank. Kevin stated that they plan to install it this winter. "Sprung" structure on-site with sand/salt inside.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Signs, Cones			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes: Round up and fertilizer stored in a storage locker inside.			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: Quarterly or as needed			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: Quarterly			
Notes: Steam pad also on-site next to the shop, also maintained.			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes: Viscosity lab on-site, not being used.			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type: Drop Inlets			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type: Sand/Oil interceptors by the wash rack and equipment shop			
Inspection frequency: Quarterly			
Maintenance frequency: Quarterly			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Gravel bags are placed surrounding the main DI next to the steam pad. No sediment was visible in any of the 3 DI's in the yard.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: Quarterly			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Quarterly			
Notes: Minor amount of trash on the fence line at the back of the yard.			

Non-Compliance Issues

Diesel Fuel spill next to pump #4 without any containment measures.
Floor dry applied to spill in front of pump #4, needs to be swept.
Floor dry applied to leaks throughout the yard, needs to be swept.
Minor amount of trash along the back fence line.

Certification and Signature

I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Tonopah Material Storage	Date:	10/06/2014
Facility Location:	US-6 ES 14.2		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :			
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	75
2. Precipitation:	0
3. Wind (mph):	0-2

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Nothing is stored at this location at this time. Kevin stated that they will be storing sand/salt here soon.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Coaldale Junction	Date:	10/06/2014
Facility Location:	US-6 ES 19.0 (US-95 @ US-6)		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :			
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	75
2. Precipitation:	0
3. Wind (mph):	0-2

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Chips			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Kevin stated that they will be storing sand/salt here soon.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)			
Facility Name:	Airport Sand	Date:	10/06/2014
Facility Location:	US-6 NY 8.7 Pit # NY02-04		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :			
Facility Supervisor II :	Kevin Strozzi		
Weather at Time of Inspection:			
1. Temperature (°F):	75		
2. Precipitation:	0		
3. Wind (mph):	0-2		
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Chips, Sand/Salt, CMP, End Sections, RCP, Cattle Guard, Temporary Rail			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A
Notes: Conveyer and plow parts also stored on-site. Gated and Locked.			
Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A
Notes: Stormwater infiltrates on-site.			
Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	Yes	No	
Notes:			
Non-Compliance Issues			
None			
III.M.4 **Certified and Signed**			
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]			
Authorized Signature:			

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Tonopah Material Storage	Date:	10/06/2014
Facility Location:	US-6 NY 36.7		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :			
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	75
2. Precipitation:	0
3. Wind (mph):	0-2

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Fill Material			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Misc Metal, Concrete foundation.			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Recommend disposing of misc. waste on-site. Gated.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None

III.M.4 **Certified and Signed**

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Tonopah Material Storage	Date:	10/06/2014
Facility Location:	US-6 NY 25.3		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :			
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	75
2. Precipitation:	0
3. Wind (mph):	0-2

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Sand, Chips			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Misc Metal, Concrete foundation.			
Are BMPs properly implemented?	Yes	No	N/A
Notes: Next to rest area.			

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A
Notes: Area is flat, stormwater infiltrates on-site.			

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	
Notes:			

Non-Compliance Issues

None

III.M.4 **Certified and Signed**

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Tonopah Material Storage	Date:	10/06/2014
Facility Location:	US-6 ES 15.2		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :			
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	75
2. Precipitation:	0
3. Wind (mph):	0-2

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Nothing is stored at this location at this time. Kevin stated that they will be storing sand/salt here soon.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None

III.M.4 **Certified and Signed**

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Big Smokey Maintenance Station	Date: 10/07/2014
Facility Location:	SR-376 NY 53.4	
Inspector(s):	Eric St. Sauver	
Title(s):	NDOT Water Quality Section	
Facility Supervisor I :	Kevin Willis	
Facility Supervisor II :	Kevin Strozzi	

Weather Conditions at Time of Inspection:

1. Temperature (°F)	61
2. Precipitation	0
3. Wind (mph)	0

Fueling Area

1. Is there a fueling area located at this facility?	Yes	No	
Fuel type(s): Diesel, Unleaded			
2. Are fuel pumps leaking?	Yes	No	
3. Are fuel spills present in fueling area?	Yes	No	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	No	
Items stored: ATF, Citramaid, Anti-Freeze, Tractor Lubricant			
6. Is there a spill kit at this location?	Yes	No	
Is it properly signed and labeled?	Yes	No	

Notes:

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	Yes	No	
Types: Sweeper, Dump Trucks, Snow Plow Blades, Trailer			
2. Are vehicle/equipment leaks present?	Yes	No	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

Notes:

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	Yes	No	
2. Is minor equipment servicing performed at this facility?	Yes	No	
3. Are there appropriate used equipment fluid receptacles?	Yes	No	
Are they properly labeled?	Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	No	
4. Are there any vehicles/equipment currently leaking?	Yes	No	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	N/A
Notes: Major repairs go to Tonopah.			

Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: CMP, End Sections, Cold Mix, Sand/Salt, Fencing, Signs, Crack Seal, Temp Rail			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	N/A
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes: "Sprung" Structure on-site for Sand/Salt. Recommend secondary containment for the brine tank whenever possible.			

Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Signs			

Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes: Fertilizer, stored inside storage locker.			

Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: Quarterly			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: As Needed			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes: Crew mostly uses county water fill station due to low water pressure.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on: Receives a little bit of run-on from SR-376.			
Notes: Stormwater flows East to the back of the yard to a vegetated upland area for infiltration.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: 2x a year.			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Monthly			
Notes:			

Non-Compliance Issues
None.

Certification and Signature
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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Big Smokey Storage	Date:	10/07/2014
Facility Location:	SR-376 LA 17.3		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Kevin Willis		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	63
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Pit Run, Chips, Sand/Salt, Rip Rap, Millings			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Fence around Sand/Salt pile. Earth berm on the East side of the Sand/Salt pile as BMP. Fence is locked.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater flows South East to vegetated upland area for infiltration.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Big Smokey Storage	Date:	10/07/2014
Facility Location:	SR-376 NY 53.5		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Kevin Willis		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	63
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Fill Material, Sand, Sand/Salt, Millings, Chips			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater flows North East to a roadside ditch along SR-376 and infiltrates into vegetation.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Big Smokey Storage	Date:	10/07/2014
Facility Location:	SR-377 NY 0.3 Manhattan		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Kevin Willis		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	65
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Pit Run, Chips, Sand/Salt, Millings			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Blade parked on-site, no visible leaks. Gated and Locked.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater flows East to a vegetated basin area for infiltration.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Big Smokey Storage	Date:	10/07/2014
Facility Location:	SR-376 LA 2.6 Pit #LA07-02		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Kevin Willis		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	63
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Pit Run, Chips			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Gated.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Big Smokey Storage	Date:	10/07/2014
Facility Location:	SR-376 NY 44.9 Pit #NY13-05		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Kevin Willis		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	65		
2. Precipitation:	0		
3. Wind (mph):	0		

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Pit Run, Chips, Sand			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Blade parked on-site, no visible leaks. Gated and Locked.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Blue Jay Maintenance Station	Date: 10/07/2014
Facility Location:	US-6 NY 65.8	
Inspector(s):	Eric St. Sauver	
Title(s):	NDOT Water Quality Section	
Facility Supervisor I :	Bob Buck	
Facility Supervisor II :	Kevin Strozzi	

Weather Conditions at Time of Inspection:

1. Temperature (°F)	75
2. Precipitation	0
3. Wind (mph)	0

Fueling Area

1. Is there a fueling area located at this facility?	Yes	No	
Fuel type(s): Diesel, Unleaded			
2. Are fuel pumps leaking?	Yes	No	
3. Are fuel spills present in fueling area?	Yes	No	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	No	
Items stored: Tires, Spill Kit			
6. Is there a spill kit at this location?	Yes	No	
Is it properly signed and labeled?	Yes	No	

Notes: Fuel tanks underground.

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	Yes	No	
Types: Dump Trucks, Blade, Snow plow blades			
2. Are vehicle/equipment leaks present?	Yes	No	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

Notes: Snow plow blade hydraulic hoses are wrapped in a rag and bagged.

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	Yes	No	
2. Is minor equipment servicing performed at this facility?	Yes	No	
3. Are there appropriate used equipment fluid receptacles?	Yes	No	
Are they properly labeled?	Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	No	
4. Are there any vehicles/equipment currently leaking?	Yes	No	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	N/A
Notes: Major repairs go to Tonopah.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Signs, CMP, End Sections, Millings, Chips			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	N/A
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes:			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Cones, Brine Applicator.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: Annually			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: As Needed			
Notes: Crew washes trucks in Tonopah due to low water pressure.			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes: Do not use filling station due to low water pressure.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Stormwater flows northeast to vegetated upland area for infiltration.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: 2x per year			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: 2x per month			
Notes:			

Non-Compliance Issues
None.

Certification and Signature
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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Blue Jay Storage	Date:	10/07/2014
Facility Location:	US-6 NY 46.5 Warm Springs		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Bob Buck		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	80
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Sand/Salt			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Loader located on-site, no visible leaks.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater flows north to vegetated roadside ditch along US-6 for infiltration.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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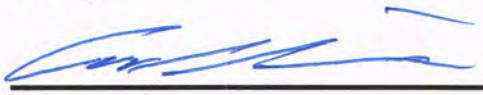
Authorized Signature: 

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Blue Jay Storage	Date:	10/07/2014
Facility Location:	US-6 NY 52.0 Pit #NY03-04		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Bob Buck		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	80
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Shouldering Material, Millings			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Gated.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Blue Jay Storage	Date:	10/07/2014	
Facility Location:	US-6 NY 64.6 Pit #NY03-05			
Inspector(s):	Eric St. Sauver			
Title(s):	NDOT Water Quality			
Facility Supervisor I :	Bob Buck			
Facility Supervisor II :	Kevin Strozzi			
Weather at Time of Inspection:				
1. Temperature (°F):	80			
2. Precipitation:	0			
3. Wind (mph):	0			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types: Sand/Salt, Sand/Cinders, Sand, Chips, Pit Run, Temporary Rail				
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Gated.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates on-site.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None.				
III.M.4 **Certified and Signed**				

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Blue Jay Storage	Date:	10/07/2014
Facility Location:	US-6 NY 99.6 Pit #NY05-03		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Bob Buck		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	75
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Sand, Pit Run			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Bob stated they can no longer excavate in this pit, they can still use the stockpiles. When the stockpiles are gone, they will not longer uses this pit.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater mostly infiltrates on-site, some flows west to a vegetated upland area.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Mina Maintenance Station			Date: 10/08/2014
Facility Location:	US-95 MI 15.4			
Inspector(s):	Eric St. Sauver			
Title(s):	NDOT Water Quality Section			
Facility Supervisor I :	Sam Compton			
Facility Supervisor II :	Kevin Strozzi			

Weather Conditions at Time of Inspection:

1. Temperature (°F)	59
2. Precipitation	0
3. Wind (mph)	0

Fueling Area

1. Is there a fueling area located at this facility?	Yes	No	
Fuel type(s): Diesel, Unleaded			
2. Are fuel pumps leaking?	Yes	No	
3. Are fuel spills present in fueling area?	Yes	No	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	No	
Items stored: ATF, Spill Kit			
6. Is there a spill kit at this location?	Yes	No	
Is it properly signed and labeled?	Yes	No	

Notes: Unleaded pump out of order.

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	Yes	No	
Types: Dump Trucks, Roller, Trailers, Snow Plow Blades			
2. Are vehicle/equipment leaks present?	Yes	No	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

Notes:

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	Yes	No	
2. Is minor equipment servicing performed at this facility?	Yes	No	
3. Are there appropriate used equipment fluid receptacles?	Yes	No	
Are they properly labeled?	Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	No	
4. Are there any vehicles/equipment currently leaking?	Yes	No	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	N/A
Notes: Major repairs go to Tonopah.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Signs, Posts, Wood, Rebar			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	N/A
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes:			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Signs, Cones, Barricades, Fencing			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	N/A
3. Is the wash pad area sufficiently engineered?	Yes	No	N/A
4. Is the wash pad properly maintained?	Yes	No	N/A
Sediment Removal Frequency:			
Interceptor Inspection Frequency:			
Interceptor Clean-Out Frequency:			
Notes: Trucks taken to Tonopah or County wash rack.			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	N/A
3. Are there signs of an offsite discharge?	Yes	No	N/A
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on: US-95			
Notes: Stormwater flows to the northeast corner of the yard down Wedge St and discharges east into a vegetated upland area.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: Monthly			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: As Needed			
Notes:			

Non-Compliance Issues
None.

Certification and Signature
I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]
Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Mina Material Storage	Date:	10/08/2014
Facility Location:	SR-361 MI 15.3 Pit #MI01-04		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Sam Compton		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	65
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Sand, Sand/Salt			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Mina Material Storage	Date:	10/08/2014
Facility Location:	SR-361 MI 20.2 Finger Rock		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Sam Compton		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	60
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: CMP, Pit Run, Large Rock, Millings			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Old tires on-site

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater flows southwest to the Gabbs wash.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

Recommend removal of tires.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Mina Material Storage	Date:	10/08/2014
Facility Location:	SR-361 NY 5.5		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Sam Compton		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	65
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Pit Run, Chips			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Loader parked on-site, no visible leaks.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Mina Material Storage	Date:	10/08/2014
Facility Location:	SR-361 NY 12.8 Gabbs International		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Sam Compton		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	60
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Pit Run			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater flows east to vegetated depression area for infiltration.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Mina Material Storage	Date:	10/08/2014
Facility Location:	SR-361 NY 13.0 Pit #NY32-03		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Sam Compton		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	60
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: No Materials on-site at this time.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Mina Material Storage	Date:	10/08/2014
Facility Location:	SR-361 NY 21.5 Pit #NY32-02		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Sam Compton		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	63
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Pit Run, Chips			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site, pit in large depression.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

III.M.4 **Certified and Signed**

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Montgomery Pass Maintenance Station			Date: 10/08/2014
Facility Location:	US-6 MI 8.5			
Inspector(s):	Eric St. Sauver			
Title(s):	NDOT Water Quality Section			
Facility Supervisor I :	Chris Donahue			
Facility Supervisor II :	Kevin Strozzi			

Weather Conditions at Time of Inspection:	
1. Temperature (°F)	70
2. Precipitation	0
3. Wind (mph)	0

Fueling Area			
1. Is there a fueling area located at this facility?	Yes	No	
Fuel type(s): Diesel, Unleaded			
2. Are fuel pumps leaking?	Yes	No	
3. Are fuel spills present in fueling area?	Yes	No	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
4. Do above ground fuel tanks have secondary containment?	Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	No	
Items stored: Spill Kit			
6. Is there a spill kit at this location?	Yes	No	
Is it properly signed and labeled?	Yes	No	
Notes: Diesel has above ground tank, Unleaded is underground.			

Vehicle/Equipment Parking Areas			
1. Are vehicles and/or equipment staged outside?	Yes	No	
Types: Dump Trucks			
2. Are vehicle/equipment leaks present?	Yes	No	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures: Absorbent pads			
Clean-up measures: Change pads as needed			
Notes:			

Equipment Maintenance/Repair Facilities			
1. Are major vehicle/equipment repairs performed at this facility?	Yes	No	
2. Is minor equipment servicing performed at this facility?	Yes	No	
3. Are there appropriate used equipment fluid receptacles?	Yes	No	
Are they properly labeled?	Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	No	
4. Are there any vehicles/equipment currently leaking?	Yes	No	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			

6. Are batteries properly stored?	Yes	No	N/A
Notes: Major repairs go to Tonopah.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Sand, Sand/Salt, Millings, CMP, End Sections			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	N/A
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes:			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Concrete Mix, Crack Seal, Signs, Fencing			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes: Round up only. In cabinet inside.			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: 2x per year			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: As Needed			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes: Crew fills the water truck at the mine due to low water pressure.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes:			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: 2x per year			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Quarterly			
Notes:			

Non-Compliance Issues
None.

Certification and Signature
I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]
Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Montgomery Pass Storage	Date:	10/08/2014
Facility Location:	US-6 ES 11.0		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Chris Donahue		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	70
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Pit Run, Millings			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater flows east to a vegetated upland area for infiltration.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Montgomery Pass Storage	Date:	10/08/2014
Facility Location:	US-6 MI 12.0		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Chris Donahue		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	70
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Fill Material, Millings			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Montgomery Pass Storage	Date:	10/08/2014
Facility Location:	US-6 ES 3.3 Pit #ES01-01		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality Section		
Facility Supervisor I :	Chris Donahue		
Facility Supervisor II :	Kevin Strozzi		

Weather at Time of Inspection:

1. Temperature (°F):	70
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Chips, Pit Run, Sand			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater flows southeast to Pinoche creek.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Montgomery Pass Storage	Date:	10/08/2014	
Facility Location:	US-6 MI 6.2 Pit #MI06-02			
Inspector(s):	Eric St. Sauver			
Title(s):	NDOT Water Quality Section			
Facility Supervisor I :				
Facility Supervisor II :				

Weather at Time of Inspection:

1. Temperature (°F):	70
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Fill Material			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Old tires on-site. Chris stated they use they to move equipment across the road.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater flows west to a low laying vegetated area for infiltration.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Searchlight Maintenance Station			Date: 02/09/2015
Facility Location:	SR-164 CL 18.6			
Inspector(s):	Eric St. Sauver			
Title(s):	NDOT Water Quality			
Facility Supervisor I :	Dale Smith			
Facility Supervisor II :	Todd Marty			

Weather Conditions at Time of Inspection:	
1. Temperature (°F)	60
2. Precipitation	0
3. Wind (mph)	0

Fueling Area			
1. Is there a fueling area located at this facility?	Yes	No	
Fuel type(s): Diesel, Unleaded			
2. Are fuel pumps leaking?	Yes	No	
3. Are fuel spills present in fueling area?	Yes	No	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			N/A
Clean-up measures:			N/A
4. Do above ground fuel tanks have secondary containment?	Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	No	
Items stored:			N/A
6. Is there a spill kit at this location?	Yes	No	
Is it properly signed and labeled?	Yes	No	
Notes: Clean, Well Kept			

Vehicle/Equipment Parking Areas			
1. Are vehicles and/or equipment staged outside?	Yes	No	
Types: Dump Truck, Blade, Kick Broom, Plow Blades, Water Truck, Loader, Backhoe			
2. Are vehicle/equipment leaks present?	Yes	No	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			N/A
Clean-up measures:			N/A
Notes:			

Equipment Maintenance/Repair Facilities			
1. Are major vehicle/equipment repairs performed at this facility?	Yes	No	
2. Is minor equipment servicing performed at this facility?	Yes	No	
3. Are there appropriate used equipment fluid receptacles?	Yes	No	
Are they properly labeled?	Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	No	
4. Are there any vehicles/equipment currently leaking?	Yes	No	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			N/A
Clean-up measures:			N/A

6. Are batteries properly stored?	Yes	No	N/A
Notes: Batteries not stored at this location.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Salt/Sand, Ice Slice, Cold Mix, Gaurdrail			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			N/A
BMPs properly implemented?	Yes	No	N/A
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes: Sediment Logs needed around Salt/Sand & Ice Slice stockpiles.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Cones, Signs, Concrete Mix			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes: Round up only, Stored indoors.			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	N/A
4. Is the wash pad properly maintained?	Yes	No	N/A
Sediment Removal Frequency:			N/A
Interceptor Inspection Frequency:			N/A
Interceptor Clean-Out Frequency:			N/A
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	N/A
3. Are there signs of an offsite discharge?	Yes	No	N/A
Notes: The crew fills the water truck using a hydrant just outside the yard.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			N/A
Clean-up measures:			N/A
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			N/A
BMPs properly implemented?	Yes	No	N/A
Hydraulic facilities properly maintained?	Yes	No	N/A
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			N/A
Inspection frequency:			N/A
Maintenance frequency:			N/A
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A
Notes:			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: 2x per year			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Monthly			
Notes:			

Non-Compliance Issues

- Sediment control needs around stockpiles.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Searchlight Storage Pit # CL11-06	Date:	02/09/2015
Facility Location:	US-95, CL 52.0		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Dale Smith		
Facility Supervisor II :	Todd Marty		

Weather at Time of Inspection:

1. Temperature (°F):	80
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Millings, Pit Run, Chips			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Damaged CMP, Signs, Concrete			
Are BMPs properly implemented?	Yes	No	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

- None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Searchlight Storage Pit # CL09-04	Date:	02/09/2015
Facility Location:	US-95, CL 1.0		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Dale Smith		
Facility Supervisor II :	Todd Marty		

Weather at Time of Inspection:

1. Temperature (°F):	75
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Borrow			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Damaged CMP, Signs, Concrete			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Roadside waste should be disposed of properly on a regular basis.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater flows southwest to the depression of the pit and infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

- None.

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Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Searchlight Storage Pit # CL09-03	Date:	02/09/2015
Facility Location:	US-95, CL 15.8		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Dale Smith		
Facility Supervisor II :	Todd Marty		

Weather at Time of Inspection:

1. Temperature (°F):	75
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: Pit Run			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Damaged CMP, Signs, Concrete			
Are BMPs properly implemented?	Yes	No	N/A

Notes:

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A

Notes: Stormwater infiltrates on-site.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

- None.

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Authorized Signature:

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)			
Facility Name:	Searchlight Storage Pit # CL09-01	Date:	02/09/2015
Facility Location:	US-95, CL 18.0		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Dale Smith		
Facility Supervisor II :	Todd Marty		
Weather at Time of Inspection:			
1. Temperature (°F):	75		
2. Precipitation:	0		
3. Wind (mph):	0		

Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Type 2			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Damaged CMP, Signs, Concrete			
Are BMPs properly implemented?	Yes	No	N/A
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			N/A
Notes: Stormwater infiltrates on-site.			

Overall Facility Condition			
Are outside areas kept neat, clean and orderly?	Yes	No	
Notes:			

Non-Compliance Issues

- None.

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	Searchlight Storage Pit # CL32-02	Date:	02/09/2015
Facility Location:	SR-164, CL 15.4		
Inspector(s):	Eric St. Sauver		
Title(s):	NDOT Water Quality		
Facility Supervisor I :	Dale Smith		
Facility Supervisor II :	Todd Marty		

Weather at Time of Inspection:

1. Temperature (°F):	63
2. Precipitation:	0
3. Wind (mph):	0

Material Stockpile/Storage Areas

1. Is non-waste material stored onsite?	Yes	No	
Types: CMP, End Sections, Cattle Guard, Guardrail, HDPE pipe, Chips, Salt/Sand, Fill			
Are BMPs properly implemented?	Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
4. Does facility store sweeping spoils on site?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
Are BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Damaged CMP, Signs, Concrete			
Are BMPs properly implemented?	Yes	No	N/A

Notes: Roadside waste should be disposed of properly on a regular basis.

Facility Stormwater

1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	N/A
Is this a 303(d) Impaired Waters listing?	Yes	No	N/A
Impaired constituents:			N/A
2. Does the facility receive significant run-on?	Yes	No	
Source of run-on: Piute Wash			N/A

Notes: Stormwater flows south. Wash was dry at the time of inspection.

Overall Facility Condition

Are outside areas kept neat, clean and orderly?	Yes	No	

Notes:

Non-Compliance Issues

- None.

III.M.4 **Certified and Signed**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	Las Vegas North Yard District I HQ			Date: 03/25/2015
Facility Location:	123 E. Washington Ave.			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	NDOT Water Quality			
Facility Supervisor I :				
Facility Supervisor II :	Dean Mosher			

Weather Conditions at Time of Inspection:

1. Temperature (°F)	~ 75
2. Precipitation	0
3. Wind (mph)	~5

Fueling Area

1. Is there a fueling area located at this facility?	Yes	No	
Fuel type(s): Diesel, Bio-diesel, Unleaded, Propane			
2. Are fuel pumps leaking?	Yes	No	
3. Are fuel spills present in fueling area?	Yes	No	
4. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures: Floor Dry			
Clean-up measures: Sweep up after absorbed.			
4. Do above ground fuel tanks have secondary containment?	Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?	Yes	No	
Items stored: N/A			
6. Is there a spill kit at this location?	Yes	No	
Is it properly signed and labeled?	Yes	No	

Notes: Bio-Diesel pump leaking.
Fuel spill in front of pumps 5 & 6.
Signage must say " Spill Kit"
Recommend having a broom and dust pan available.

Vehicle/Equipment Parking Areas

1. Are vehicles and/or equipment staged outside?	Yes	No	
Types: Dump Trucks, Back Hoe, Misc Maint. Vehicles			
2. Are vehicle/equipment leaks present?	Yes	No	
3. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures: Floor Dry			
Clean-up measures: Sweep up after absorbed			

Vehicle 3127 Leaking
Vehicle 0465 Leaking
Floor Dry behind Vehicle 1203 needs to be swept up.
Oil drum possibly leaking.

Equipment Maintenance/Repair Facilities

1. Are major vehicle/equipment repairs performed at this facility?	Yes	No	
2. Is minor equipment servicing performed at this facility?	Yes	No	
3. Are there appropriate used equipment fluid receptacles?	Yes	No	
Are they properly labeled?	Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?	Yes	No	
4. Are there any vehicles/equipment currently leaking?	Yes	No	
5. Have BMPs been implemented to address leaks/spills?	Yes	No	N/A
Containment measures: Floor Dry			
Clean-up measures: Sweep up after absorbed.			

6. Are batteries properly stored?	Yes	No	
Notes: Vehicle 2733 leaking on down line, floor dry applied. Sweep up when absorbed. Recommend drip pan under leaking vehicles. Recommend placing a lid on the bucket with empty oil bottles near used oil tank.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Cold Mix, Ice Slice, Sandbags, Plasticizer, Guardrail, Temp Rail			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Misc. Roadside Trash			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes: Ice Slice pile leaking under the straw waddle. Change out straw waddles with gravel bags.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Straw waddles, Cones, Sandbags, Signs, Concrete Mix, and Paint. Floor dry in valley gutter near C153 Storage area. Floor dry covering leak in C160 storage area, needs to be dispose of properly Gravel bags across from wash rack needs to be cleaned and recommend storing under cover. Recommend storing unused sandbags under cover.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Weekly			
Interceptor Clean-Out Frequency: As needed			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: Progress lab at this location everything is stored neat.			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	N/A
3. Are there any equipment leaks?	Yes	No	N/A
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	N/A
Notes: No spreader racks stored here at this time.			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents: Boron, selenium, and total dissolved solids.			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type: Drop Inlets			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Sediment logs placed around all drop inlets. EPA does not allow sediment logs to be placed on a hard surface. Gravel bags need to be installed at all drop inlets. At the time of this inspection little or no waste was observed in the drop inlets. Stormwater discharges into the storm drain system that is connected to the Las Vegas MS4, which discharges into the Las Vegas Wash.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: Monthly			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: As Needed.			
Notes:			

Non-Compliance Issues

- Sediment logs on hard surfaces to be replaced with gravel bags.
- Vehicles 3127, 0465, & 2733 leaking.
- Floor dry needs to be swept up and disposed of properly in various locations.
- Bio-diesel pump leaking.
- Switch Spill Station signage out with signs that say "Spill Kit"

Certification and Signature

I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Mt. Charleston Station**	Date: 04/01/15		
Facility Location:	SR-157 CL 5.1			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Glenn Rogers			
Facility Supervisor II :	Kevin Killian			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	54			
2. Precipitation	0			
3. Wind (mph)	5 mph			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Unleaded, Diesel				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored: Cold Patch and Floor Dry				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes: None				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Plows, loader, dumptruck, misc.				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Floor Dry			
Clean-up measures:	Sweep up absorbant			
Notes: Absorbent has been placed for leaking County truck #36182. The County supervisor has been notified and drip pan will be placed under truck until repairs are made.				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	
Containment measures:				
Clean-up measures:				

6. Are batteries properly stored?	Yes	No	N/A
Notes: No battery storage or disposal takes place at this station.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Guardrail, riprap, sandbags, wood blocks, CMPs			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	
3. Does the facility have a ~~brine tank~~? Magnesium chloride tank	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types:			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: (3) The secondary containment for the magnesium chloride tanks are said to be in the design phase.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Signs, tools, lanscaping tools, coldpatch, Roundup, tires, absorbent, Quikrete, etc.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes: Roundup is located in cold storage.			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: Monthly			
Interceptor Inspection Frequency: Annually			
Interceptor Clean-Out Frequency: As needed			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	N/A
3. Are there signs of an offsite discharge?	Yes	No	N/A
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes: Sweep up absorbent under spreader rack.			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Stormwater sheet flows to south and east of facility and discharges into vegetated roadside ditch along SR-157 for infiltration or upland vegetation to the east. Clark County also uses this facility, they store equipment and have there own mag chloride tank.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: Quarterly			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Twice per month			
Notes: The dumpster lids shall remain closed at all times. Sediment logs need to overlap.			

Non-Compliance Issues
The dumpster lids shall remain closed at all times. Sediment logs need to overlap. Floor Dry under County truck and spreader rack need to be swept up once absorbed.

Certification and Signature
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Authorized Signature:

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Charleston Peak**	Date:	04/01/15	
Facility Location:	SR-157 CL 4.9			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Glenn Rogers			
Facility Supervisor II :	Kevin Killian			
Weather at Time of Inspection:				
1. Temperature (°F):	65			
2. Precipitation:	0			
3. Wind (mph):	<5			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types: Chips				
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Stakes near center of silt fence damaged.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows south to upland vegetation for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Mt. Charleston Storage**	Date:	04/01/15	
Facility Location:	SR-157 CL 12.0			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Glenn Rogers			
Facility Supervisor II :	Kevin Killian			
Weather at Time of Inspection:				
1. Temperature (°F):	64			
2. Precipitation:	0			
3. Wind (mph):	<5			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Chips, Riprap, Type 1B			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Silt fence near entrance needs maintenance.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows south to roadside ditch along SR-157 for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Material Pit CL18-02**	Date:	04/01/15	
Facility Location:	US-95 CL 98.8			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Glenn Rogers			
Facility Supervisor II :	Kevin Killian			
Weather at Time of Inspection:				
1. Temperature (°F):	71			
2. Precipitation:	0			
3. Wind (mph):	<5			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Chips, riprap, fill material, temp. sound walls, etc.			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:	Rubber, metals, cooler			
Are BMPs properly implemented?		Yes	No	N/A
Notes: No leaks present for loader on site.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates onsite.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Glendale Maintenance Station** Date: 04/09/15			
Facility Location:	SR-169, CL 24.18			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Dennis (Tod) Palmer			
Facility Supervisor II :	Nick McMurray			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	~65			
2. Precipitation	0			
3. Wind (mph)	0			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Diesel, Unleaded				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Floor Dry			
Clean-up measures:	Sweep up after absorbed			
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes: (4) Secondary containment is cracked. Will be replaced. (6) Sign says "Spill Station". Needs to say "Spill Kit".				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Plows, sweepers, backhoe, loader, misc. maintenance equipment				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
Notes:				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Floor Dry			
Clean-up measures:	Sweep up after absorbed			

6. Are batteries properly stored?	Yes	No	N/A
Notes: (5) Will order drip pan for leaking water truck #0882. (6) Batteries are not stored here.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Salt/sand, poles, sand, cold mix, guardrail			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Tires, trash- stored in dumpsters			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes: (1) Straw waddles on order for sand pile. Will order rock bags for cold mix.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Cones, signs, barricades			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes: Round Up only			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Monthly			
Interceptor Clean-Out Frequency: As needed			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	N/A
BMPs properly implemented?	Yes	No	N/A
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes: Crew fills water truck using an off-site facility due to low pressure.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Stormwater discharges offsite to the south into an adjacent, ephemeral waterway along I-15 southbound into a natural topographic sink/basin. There are no drop inlets installed within the facility; stormwater discharges into adjacent upland areas or the adjacent ephemeral drainage for subsequent infiltration.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: Monthly			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Weekly			
Notes:			

Non-Compliance Issues

Containment needed for sand and cold-mix stockpiles.
Containment needed for dumpsters (waddles or rock bags).
Spill at fuel pumps needs to be swept up.
Sand residue under spreader racks is to be swept.
Switch spill station signage out with "Spill Kit" sign.

Certification and Signature

I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Beatty Maint. Station**	Date: 04/20/15		
Facility Location:	US95 NY 59.94			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Jason Duesterbeck			
Facility Supervisor II :	Lenny Siri			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	70			
2. Precipitation	0			
3. Wind (mph)	0-5			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Diesel & Unleaded				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes: (6) Signage should say, "Spill Kit".				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Dump, plow, blade				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
Notes:				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Drip pan with absorbant pad			
Clean-up measures:	Remove when absorbant pad is full			

6. Are batteries properly stored?	Yes	No	N/A
Notes: (4&5) Vehicle not currently parked inside, but drip pan and absorbant pad in place.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Gravel bags, sign posts, CMPs, sand/salt, safety fence			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	N/A
Are leaks present around the pipes and fittings?	Yes	No	N/A
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Scrap metal, guardrail, fence			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes: (6) Hauled to Hawthorne as needed.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Rebar, fence, tools, signs, hoses, lath, survey paint. Trailer utilized to store cones and concrete.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: As needed			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	N/A
Notes: Las Vegas construction crew's viscosity lab is onsite, but not being utilized. The lab will be moved shortly for a project.			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Stormwater flows south and discharges to Amargosa River. Berm located on south side of yard.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: April & October, additionally if needed			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Minimum of twice a month			
Notes:			

Non-Compliance Issues

Signage for spill clean up kit to say "Spill Kit".

Certification and Signature

I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Pit #NY 08-06**	Date:	04/20/15	
Facility Location:	US-95 NY 58.4			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Jason Duesterbeck			
Facility Supervisor II :	Lenny Siri			
Weather at Time of Inspection:				
1. Temperature (°F):	83			
2. Precipitation:	0			
3. Wind (mph):	0			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Cattleguard, guardrail, wood blocks, chips, millings			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:	Pole bases			
Are BMPs properly implemented?		Yes	No	N/A
Notes: Pole bases located in depressed area of pit				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater has the potential to drain west and discharge into the Amargosa River.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Goldfield Maint. Station**	Date: 04/20/15		
Facility Location:	US 95, ES 19.5			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Brandon Gudmunson			
Facility Supervisor II :	Lenny Siri			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	65			
2. Precipitation	0			
3. Wind (mph)	0			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Diesel & Unleaded				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored: Spill kit, non-potable water, anti-freeze				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes: (4) Holes in secondary containment need to be plugged. (6) Signage must say "Spill Kit".				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Oil truck, de-icing tank				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Drip pan with absorbant pad			
Clean-up measures:	Replace absorbant pad when full			
Notes: (2) Vehicle # leaking. BMPs currently in place.				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Drip pan with absorbant pad			
Clean-up measures:	Replace absorbant pad when full			

6. Are batteries properly stored?	Yes	No	N/A
Notes:			

Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: CMPs, fence, end sections, wood posts, guardrail, rebar			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Tire			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: (3) Secondary containment for brine tank expected to be built near the end of summer. (6) Minimal debris present. Dump runs occur every 2 weeks or as needed.			

Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Back of sand/salt structure utilized as cold storage area.			

Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			

Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Quarterly			
Interceptor Clean-Out Frequency: As needed			
Notes: Only used for striping truck. Basin is plugged so that nothing drains.			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes:			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes: Crews use Esmerelda County's stand pipe due to lack of pressure.			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	N/A
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Stormwater sheetflows north east towards entrance gates and infiltrates into upland vegetation. Paved gully present on north east side. Recommend placing gravel bags.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: April & October, additionally when needed			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Daily routine			
Notes:			

Non-Compliance Issues

Holes in secondary containment need to be plugged.
Signage must say "Spill Kit".
Paved gully present on north east side. Recommend placing gravel bags.

Certification and Signature

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Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Pit #NY30-01**	Date:	04/20/15	
Facility Location:	SR-267, NY 9.85			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Brandon Gudmunson			
Facility Supervisor II :	Lenny Siri			
Weather at Time of Inspection:				
1. Temperature (°F):	79			
2. Precipitation:	0			
3. Wind (mph):	0			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Chips, sand/salt			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Loader, dumps, and blade are temporarily being stored on site. No leaks are present.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows northwest and discharges into upland vegetation for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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Authorized Signature:

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Scottys Junction**	Date:	04/20/15	
Facility Location:	SR-267, NY 12.0			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Brandon Gudmunson			
Facility Supervisor II :	Lenny Siri			
Weather at Time of Inspection:				
1. Temperature (°F):	79			
2. Precipitation:	0			
3. Wind (mph):	0			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Chips, sand/salt, decorative rock			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater infiltrates on site.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
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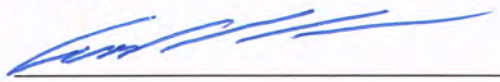
Authorized Signature:				

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Goldfield Storage**	Date:	04/20/15	
Facility Location:	US-95, NY 100.5			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Brandon Gudmunson			
Facility Supervisor II :	Lenny Siri			
Weather at Time of Inspection:				
1. Temperature (°F):	78			
2. Precipitation:	0			
3. Wind (mph):	0			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Sand/salt			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes:Stormwater flows west and discharges into upland vegetation for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Material Pit #ES 04-01**	Date:	04/20/15	
Facility Location:	US 95, ES 24.5			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Brandon Gudmunson			
Facility Supervisor II :	Lenny Siri			
Weather at Time of Inspection:				
1. Temperature (°F):	69			
2. Precipitation:	0			
3. Wind (mph):	0-5			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Sand/salt, fill material, chips			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: (1) Overlap waddles when utilized.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Large facililty, stormwater infiltrates on site.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
When utilizing straw waddles, they must overlap.				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature: 				

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Lida Junction**	Date:	04/20/15	
Facility Location:	SR-266, ES 40.0			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	Water Quality Section- Staff II, Staff I			
Facility Supervisor I :	Brandon Gudmunson			
Facility Supervisor II :	Lenny Siri			
Weather at Time of Inspection:				
1. Temperature (°F):	75			
2. Precipitation:	0			
3. Wind (mph):	0			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Sand/salt, millings			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Stormwater flows south east and discharges to upland vegetation for infiltration.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Panaca Maintenance Station**	Date: 04/28/15		
Facility Location:	SR-319, LN 52.0			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	WQS- Staff II, Staff I			
Facility Supervisor I :	Brad Lloyd			
Facility Supervisor II :	Nick McMurray			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	55			
2. Precipitation	0			
3. Wind (mph)	0			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Diesel & Unleaded				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes: Recommend covering trash can.				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Blade, loader, sweeper, dump				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:				
Clean-up measures:				
Notes: Sweeper located at northeast corner of yard is not being utilized, however we informed Brad the hydraulic hoses need to be wrapped. They are planning on hauling the unused sweeper off site.				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Floor dry			
Clean-up measures:	Sweep up when absorbed			

6. Are batteries properly stored?	Yes	No	N/A
Notes: Vehicle #2677 leaking. Absorbant near blade. Used fluid receptacle not labeled.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Posts, fence, CMPs, end sections, signs, millings, iceslice, sand/salt, cones			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Scrap metal			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: Logs around sand/salt and iceslice piles must overlap. Large accumulation of scrap metal on site.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Signs, tools, coldpatch, cones, object markers. Spare tires kept in shed.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: As needed			
Interceptor Inspection Frequency: Semi-annually			
Interceptor Clean-Out Frequency: As needed			
Notes: Large build-up of sediment in pond.			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: Las Vegas construction crew's lab is currently on site, but is not being utilized. There is not an estimated time of when it will be removed.			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures: Drip pan			
Clean-up measures: Empty drip pan to prevent overflowing			
5. Are spreader hoses stored properly?	Yes	No	
Notes: Drip pan currently under spreader #1928.			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents:			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type:			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on:			
Notes: Under most stormwater runoff events, water infiltrates onsite. Offsite stormwater discharge is retained within vegetated, upland areas.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: Summer= 1/mo, winter= 1-2/mo			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: Summer= 1-2/mo, winter= 1/wk			

Notes:
Trash build up around the fenceline as a result of nearby transfer station.
Recommend lids for dumpster if possible.

Non-Compliance Issues

Recommend lids for trash cans and dumpster.
Wrap all hydraulic hoses.
Absorbant in garage to be disposed of.
Containment measures needed for leaking vehicle #2677.
Sediment in settling pond needs to be removed.
Sediment logs around stockpiles need to overlap.
Accumulated scrap metal to be hauled off site.

Certification and Signature

I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Panaca Mixing Pad**	Date:	04/28/15	
Facility Location:	SR-319, LN 53.0			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	WQS- Staff II, Staff I			
Facility Supervisor I :	Brad Lloyd			
Facility Supervisor II :	Nick McMurray			
Weather at Time of Inspection:				
1. Temperature (°F):	55			
2. Precipitation:	0			
3. Wind (mph):	0			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Millings, sand			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes: Berm along south side of facility. Mixing pad is no longer being utilized.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Site is adjacent to an unnamed ephemeral wash; no visible sign of offsite discharge.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None.				
III.M.4 **Certified and Signed**				
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Authorized Signature:				

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**Cathedral Gorge Stockpile**	Date:	04/29/15	
Facility Location:	US-93, LN 111.7			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	WQS- Staff II, Staff I			
Facility Supervisor I :	Brad Lloyd			
Facility Supervisor II :	Nick McMurray			
Weather at Time of Inspection:				
1. Temperature (°F):	67			
2. Precipitation:	0			
3. Wind (mph):	0			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Millings, chips, fill			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Site is adjacent to material pit LN06-01, no visible sign of offsite discharge.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				

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Authorized Signature:

Nevada Department of Transportation Comprehensive Storage Facility Inspection Form Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)				
Facility Name:	**Dutch John Stockpile**	Date:	04/29/15	
Facility Location:	US-93, LN 171			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	WQS- Staff II, Staff I			
Facility Supervisor I :	Brad Lloyd			
Facility Supervisor II :	Nick McMurray			
Weather at Time of Inspection:				
1. Temperature (°F):	65			
2. Precipitation:	0			
3. Wind (mph):	0			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Sand/salt, iceslice			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:				
Are BMPs properly implemented?		Yes	No	N/A
Notes:				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:				N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:				N/A
Notes: Berm along east and west sides of facility. No visible offsite discharge.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
None				
III.M.4 **Certified and Signed**				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]				
Authorized Signature:				

Nevada Department of Transportation
Comprehensive Maintenance Facility Inspection Form
Municipal Separate Storm Sewer Systems
Permit NV0023329

Facility Name:	**Las Vegas South**	Date: 05/05/15		
Facility Location:	CC-215, CL 12.86			
Inspector(s):	E. St. Sauver, M. Schmock			
Title(s):	WQS- Staff II, Staff I			
Facility Supervisor I :				
Facility Supervisor II :	Todd Marty			
Weather Conditions at Time of Inspection:				
1. Temperature (°F)	73			
2. Precipitation	0			
3. Wind (mph)	0-5			
Fueling Area				
1. Is there a fueling area located at this facility?		Yes	No	
Fuel type(s): Unleaded, diesel, and biodiesel				
2. Are fuel pumps leaking?		Yes	No	
3. Are fuel spills present in fueling area?		Yes	No	
4. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Floor dry			
Clean-up measures:	Sweep up after absorbed			
4. Do above ground fuel tanks have secondary containment?		Yes	No	N/A
5. Is there a "fuel pump house" located at this facility?		Yes	No	
Items stored:				
6. Is there a spill kit at this location?		Yes	No	
Is it properly signed and labeled?		Yes	No	
Notes: Absorbent pads on oil drums full. Absorbent in front of pumps 2, 4, & 6. Spill Kit sign not present.				
Vehicle/Equipment Parking Areas				
1. Are vehicles and/or equipment staged outside?		Yes	No	
Types: Misc. attachments, dms, portable mixer, dumps, loader				
2. Are vehicle/equipment leaks present?		Yes	No	
3. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Floor dry			
Clean-up measures:	Sweep up after absorbed			
Notes: Floor dry under sweeper. Vehicle #3318 has possible leak. Floor dry under vehicle #1932 to be cleaned up when absorbed. Vehicle #3039 leaking on driver's side				
Equipment Maintenance/Repair Facilities				
1. Are major vehicle/equipment repairs performed at this facility?		Yes	No	
2. Is minor equipment servicing performed at this facility?		Yes	No	
3. Are there appropriate used equipment fluid receptacles?		Yes	No	
Are they properly labeled?		Yes	No	
3. Are there floor drains that discharge to a sand/oil interceptor?		Yes	No	
4. Are there any vehicles/equipment currently leaking?		Yes	No	
5. Have BMPs been implemented to address leaks/spills?		Yes	No	N/A
Containment measures:	Drip pans/floor dry			
Clean-up measures:	Clean up after absorbed			

6. Are batteries properly stored?	Yes	No	
Notes: Batteries stored inside stockroom.			
Material Stockpile/Storage Areas			
1. Is non-waste material stored onsite?	Yes	No	
Types: Guardrail, wood posts, cones, gravel bags, temp. barrier rail, signal heads			
BMPs properly implemented?	Yes	No	
2. Does the facility have an enclosed structure for sand/salt?	Yes	No	N/A
3. Does the facility have a brine tank?	Yes	No	
Is there secondary containment?	Yes	No	
Are leaks present around the pipes and fittings?	Yes	No	
4. Are sweeping spoils on site?	Yes	No	
BMPs properly implemented?	Yes	No	
5. Is vactor truck waste stored onsite?	Yes	No	
BMPs properly implemented?	Yes	No	
6. Is roadside/miscellaneous waste stored onsite?	Yes	No	
Types: Tires, metal, roadside debris			
BMPs properly implemented?	Yes	No	
7. Is striping paint stored on the facility?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: Clean up and dispose of torn/rotted gravel bags. Consider moving under cover. Sediment logs in front of coldmix stockpile are not secured in place.			
Cold Storage Areas			
1. Are cold storage areas present?	Yes	No	
Notes: Striping paint and associated items stored in garage.			
Pesticides and Fertilizers			
1. Pesticides, herbicides, and fertilizers properly labeled and stored?	Yes	No	N/A
Notes:			
Equipment Wash Racks			
1. Is vehicle/equipment washing performed at this facility?	Yes	No	
2. Is there an engineered wash pad at this facility?	Yes	No	
3. Is the wash pad area sufficiently engineered?	Yes	No	
4. Is the wash pad properly maintained?	Yes	No	
Sediment Removal Frequency: Monthly, as needed			
Interceptor Inspection Frequency: Monthly			
Interceptor Clean-Out Frequency: Monthly			
Notes:			

Field Material Testing Labs			
1. Are there field material testing labs onsite?	Yes	No	
2. Are they currently being used?	Yes	No	
BMPs properly implemented?	Yes	No	
Notes: Crew 906's lab is onsite.			

Water Truck Filling Stations			
1. Are water truck filling stations present?	Yes	No	
2. Are there water leaks or is there water running?	Yes	No	
3. Are there signs of an offsite discharge?	Yes	No	
Notes:			

Salt/Sand Spreader Racks			
1. Are there salt/sand spreader racks at this facility?	Yes	No	
2. Is there any residual sand/salt on the ground near equipment?	Yes	No	
3. Are there any equipment leaks?	Yes	No	
4. Have BMPs been properly implemented to address leaks/spills?	Yes	No	
Containment measures:			
Clean-up measures:			
5. Are spreader hoses stored properly?	Yes	No	
Notes:			

Facility Stormwater			
1. Does this facility discharge to a receiving waterbody?	Yes	No	
Is this a Waters of the United States?	Yes	No	
Is this a 303(d) Impaired Waters listing?	Yes	No	
Impaired constituents: Boron, selenium, and total dissolved solids			
2. Does stormwater discharge into hydraulic facilities?	Yes	No	
Type: One drop inlet			
BMPs properly implemented?	Yes	No	
Hydraulic facilities properly maintained?	Yes	No	
3. Are there stormwater treatment facilities, i.e. interceptors	Yes	No	
Type:			
Inspection frequency:			
Maintenance frequency:			
4. Does the facility receive significant run-on?	Yes	No	
Source of run-on: Minor amount from UPRR			
Notes: Sediment build up in channel near outlet. Sediment logs on south side of yard must overlap. One drop inlet located near the fueling area(inspected, no waste); stormwater discharges offsite either into adjacent upland area or sheetflows through the adjacent NHP facility and into the Las Vegas Valley MS4. Some facility generated stormwater runoff discharges into the Las Vegas Wash via the Las Vegas Valley MS4. In addition to being 303(d) listed, the Las Vegas Wash has approved TMDLs for ammonia and total phosphorus (NDOT does not have a waste load allocation). Run-on received from UPRR into channel.			

Overall Facility Condition/General Housekeeping			
1. Are outside areas kept neat, clean and orderly?	Yes	No	
2. Is the facility mechanically swept on a regular basis?	Yes	No	
Frequency: At least quarterly			
3. Is there trash buildup within and/or around the facility?	Yes	No	
4. Is trash placed in appropriate receptacles?	Yes	No	
5. Are there routine facility clean-up days?	Yes	No	
Frequency: At least monthly			
Notes:			

Non-Compliance Issues

Absorbent pads on oil drums full.
Absorbent in front of fueling area.
No Spill Kit sign present.
Floor dry under sweeper body.
Vehicles #3318, 1932, and 3039 leaking.
Gravel bags torn and leaking.
Sediment logs in front of cold mix need to be secured.
Sediment build up near outlet to be maintained.
Recommend replacing sediment logs at inlet/outlet. Logs must overlap.

Certification and Signature

I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

Nevada Department of Transportation
Comprehensive Storage Facility Inspection Form
Municipal Separate Storm Sewer Systems Permit NV 0023329 (Part III.M.)

Facility Name:	**"Flamingo"**	Date:	05/05/15	
Facility Location:	US-95, CL 74.50 (Flamingo at US-95)			
Inspector(s):	E. St. Sauver/ M. Schmock			
Title(s):	WQS- Staff II, Staff I			
Facility Supervisor I :				
Facility Supervisor II :	Todd Marty/ Tommy Thompson			
Weather at Time of Inspection:				
1. Temperature (°F):	73			
2. Precipitation:	0			
3. Wind (mph):	0-5			
Material Stockpile/Storage Areas				
1. Is non-waste material stored onsite?		Yes	No	
Types:	Rebar, cones, coldmix, fill material, sand, CMPs			
Are BMPs properly implemented?		Yes	No	N/A
2. Does the facility have an enclosed structure for sand/salt?		Yes	No	
3. Does the facility have a brine tank?		Yes	No	
Is there secondary containment?		Yes	No	N/A
4. Does facility store sweeping spoils on site?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
5. Is vactor truck waste stored onsite?		Yes	No	
Are BMPs properly implemented?		Yes	No	N/A
6. Is roadside/miscellaneous waste stored onsite?		Yes	No	
Types:	Roadside debris, tires, scrap metal			
Are BMPs properly implemented?		Yes	No	N/A
Notes: Vactor truck waste was not present at time of inspection.				
Facility Stormwater				
1. Does this facility discharge to a receiving waterbody?		Yes	No	
Is this a Waters of the United States?		Yes	No	N/A
Is this a 303(d) Impaired Waters listing?		Yes	No	N/A
Impaired constituents:	Boron, selenium, and total dissolved solids			N/A
2. Does the facility receive significant run-on?		Yes	No	
Source of run-on:	US-95			N/A
Notes: Site discharges into Las Vegas Wash via Las Vegas Valley MS4.				
Overall Facility Condition				
Are outside areas kept neat, clean and orderly?		Yes	No	
Notes:				
Non-Compliance Issues				
Sediment build up in gutter and inlet needs to be maintained. Sediment log around pipe on southern side of cutter needs replaced.				
III.M.4 **Certified and Signed**				

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

Authorized Signature:

APPENDIX H

Clear Creek Watershed Maintenance Facility FPPP Compliance Summaries

Table H-1. FPPP Administrator compliance summary for the two NDOT Maintenance facilities within the Clear Creek watershed for the Reporting Period.

Spooner East Yard			
Task	**Frequency**	**Accomplished**	**Volume of Material**
Stormwater Inspection	Biannual	3	N/A
Hydraulic Facility Cleaning	As needed	N/A[1]	N/A
Sweeping	As Needed	3	Not Reported
Oasis Pit			
Task	**Frequency**	**Accomplished**	**Volume of Material**
Stormwater Inspection	Biannual	3	N/A
Hydraulic Facility Cleaning	As Needed	N/A[2]	N/A
Sweeping	N/A	N/A	N/A

[1]This facility does not have have drop inlets and associated hydraulic facilities

[2]Upon inspection it was determined that maintenance was not needed.

Table H-2. FPPP Administrator compliance summary for the two NDOT Maintenance facilities within the Clear Creek watershed during the FY 2014 reporting period.

Spooner East Yard			
Task	**Frequency**	**Accomplished**	**Volume of Material**
Stormwater Inspection	Biannual	0	N/A
Hydraulic Facility Cleaning	As needed	N/A[1]	N/A
Sweeping	As Needed	0	N/A
Oasis Pit			
Task	**Frequency**	**Accomplished**	**Volume of Material**
Stormwater Inspection	Biannual	0	N/A
Hydraulic Facility Cleaning	As Needed	N/A[2]	N/A
Sweeping	N/A	N/A	N/A

[1]This facility does not have have drop inlets and associated hydraulic facilities

[2]Upon inspection it was determined that maintenance was not required.

APPENDIX I

Revised Illicit Discharge Detection and Elimination Program

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
1263 S. Stewart Street
Carson City, Nevada 89712

BRIAN SANDOVAL
Governor

RUDY MALFABON, P.E., *Director*

December 11, 2014

In Reply Refer to:

CHARLIE LEE
NDEP
BUREAU OF WATER POLLUTION CONTROL
901 S. STEWART ST., SUITE 4001
CARSON CITY, NV 89701

MS4 Permit NV0023329
Revised IDDE Program &
Stormwater Training Records

Dear Mr. Lee:

The Nevada Department of Transportation (NDOT) is pleased to submit its revised Illicit Discharge Detection and Elimination (IDDE) Program for your review (please see attached). Upon the Nevada Division of Environmental Protection's approval, NDOT will incorporate the revised program into its Stormwater Management Plan (SWMP) for immediate implementation. Please note that several IDDE Program elements have been revised, with several now being referenced in the Department's Field Guide for Illicit Discharge Detection and Elimination.

The following sections have been added/modified from the 2013 SWMP and now represent the current, revised IDDE Program.

- Section 3.7.1: Permit Requirements
- Section 3.7.2: Definition of Illicit and Authorized Discharges
- Section 3.7.3: Maintenance Facility Pollution Prevention Plans
- Section 3.7.4: Maintenance Facility Best Management Practices (BMPs) Manual
- Section 3.7.5: Field Guide for Illicit Discharge Detection and Elimination
- Section 3.7.6: Major Outfall Inventory
- Section 3.7.7 Storm Sewer System Map
- Section 3.7.8: Routine Outfall Screening
- Section 3.7.9: Training
- Section 3.7.10: Sanitary Sewer Exfiltration
- Section 3.7.11: Internal and External (Public) Reporting of Illicit Discharges
- Section 3.7.11: IDDE Database
- Section 3.7.12: Compilation and Assessment

Components of the revised IDDE Program will be referenced by section rather than a programmatic BMP. This is contrary to the format of the 2013 SWMP, but representative of future SWMP document formatting. Consequently, the following SWMP programmatic BMPs will no longer be referenced individually, but rather they have been incorporated into the

appropriate revised IDDE program sections and reference documents. The following summarizes these changes:

- IDDE-01 (Illicit Discharge Reporting Hotline): Incorporated into Section 3.7.11
- IDDE-02 (Illicit Discharge Reporting and Response Database): Incorporated into Section 3.7.12
- IDDE-03 (Spill Control and Prevention): Incorporated into the Field Guide for Illicit Discharge Detection and Elimination.
- IDDE-04 (IDDE Response, Corrective Action, and Follow-Up): Incorporated into the Field Guide for Illicit Discharge Detection and Elimination and Section 3.7.13
- IDDE-05 (Sanitary Sewer Exfiltration): Incorporated into the Field Guide for Illicit Discharge Detection and Elimination and Section 3.7.10
- ENVR-03 (Special Investigations): Incorporated into the Field Guide for Illicit Discharge Detection and Elimination
- MAINT-04 (Outfall Screening and Investigations): Incorporated into the Field Guide for Illicit Discharge Detection and Elimination and Section 3.7.8.

Per your request, NDOT is also submitting an updated list of all individuals that have successfully completed NDOT's Certified Stormwater Inspector training course.

Should you have any questions regarding any of these documents, feel free to contact me at (775) 888-7889 or jmurphy@dot.state.nv.us.

Sincerely,

James D. Murphy, Water Quality Program Manager
Environmental Services Division

JDM/tsk

Attachments

3.7 Illicit Discharge Detection and Elimination (IDDE) Program

The following summarizes the Department's IDDE Program, which addresses elements deemed by the EPA and NDEP as necessary to comprise a successful IDDE program.

3.7.1 Permit Requirements

The following summarizes MS4 Permit requirements applicable to the Department's IDDE Program:

III.J Illicit Discharge Detection and Elimination Program	
III.J.1.	The revised SWMP shall include a description of NDOT's Illicit Discharge Detection and Elimination ("IDDE") Program, including a schedule, to detect and remove illicit discharges and improper disposal into the MS4. The proposed program shall include:
III.J.1.a	A description of a program, including inspections, to implement and enforce statutes, regulations, ordinances, orders or similar means to prevent illicit discharges to the MS4. This program description shall address all types of illicit discharges; however, non-stormwater discharges or flows listed in Part I.B.2 of this permit shall only be addressed where such discharges are identified by NDOT as sources of pollutants to Waters of the United States;
III.J.1.b	A description of procedures to conduct on-going field screening activities during the life of the permit, including areas or locations that will be evaluated by such field screens;
III.J.1.c	A description of procedures to be followed to investigate portions of the MS4 that, based on the results of the field screen, or other appropriate information, indicate a reasonable potential of containing illicit discharges or other sources of non-stormwater;
III.J.1.d	A description of procedures to prevent, contain, and respond to spills that may discharge into the MS4;
III.J.1.e	A description of a program to facilitate public reporting of the presence of illicit discharges or water quality impacts associated with discharges from MS4s;
III.J.1.f	A description of educational activities, public information activities, and other appropriate activities to facilitate the proper management and disposal of used oil and toxic materials; and
III.J.1.g	An assessment of whether the procedures otherwise implemented in response to this paragraph are sufficient to identify instances of exfiltration from the sanitary sewer to the storm sewers, and if not a description of additional activities to be undertaken to control exfiltration.

3.7.2 Definition of Illicit and Authorized Discharges

Per 40 CFR 122.26(b)(2), "illicit discharge" is defined as follows: *Any discharge to a municipal separate storm sewer that is not composed entirely of stormwater, except discharges pursuant to a National Pollutant Discharge Elimination System (NPDES) permit (other than the NPDES permit for discharges from the MS4) and discharges resulting from fire fighting activities.*

Per 40 CFR 122.26(b)(13), “stormwater” is defined as *stormwater runoff, snowmelt runoff, and surface runoff and drainage*.

The following would be considered some examples of illicit discharges into the storm drain system:

- Sanitary sewer line connections and exfiltration
- Automobile and household chemicals (pesticides, paint, oil, antifreeze, etc.)
- Discharges from dry cleaners, laundromats, and municipal car washes
- Discharges from equipment wash pads
- Sanitary wastewater
- Septic tank waste
- Industrial wastewaters

The following are some acceptable examples of non-stormwater discharges within the Department’s MS4:

- Potable water line flushing during testing or fire hydrant testing
- Diverted stream flows not requiring a separate permit
- Springs or rising ground waters
- Uncontaminated groundwater infiltration (infiltration is defined as water other than wastewater that enters a storm sewer system, including sewer service connections and foundation drains, from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does not include, and is distinguished from, inflow[1].)
- Discharges from potable water sources not requiring a separate permit
- Residential foundation and/or footing drains
- Air conditioning condensate
- Irrigation water from lawns and landscaping
- Water from residential crawl space pumps
- Flows from natural riparian habitats and wetlands not requiring a separate permit
- De-chlorinated swimming pool discharges
- Individual residential car washing

[1] The result of groundwater flowing freely into the storm sewer system from porous material, e.g. perforated pipe, dewatering trenches, etc.

- Water incidental to street sweeping (including associated sidewalks and medians) and that is not associated with construction activities
- Discharges or flows from fire fighting activities
- Dewatering activities not requiring a separate permit

If illicit discharges are suspected, procedures are in place to notify the Department's Water Quality Section to determine if further action is required (refer to the Department's Field Guide for the Detection and Elimination of Illicit Discharges).

Any observed or reported discharge within the Department's MS4 that is not an authorized discharge will be considered an illicit discharge.

3.7.3 Maintenance Facility Pollution Prevention Plans

Goals: To raise awareness of Department employees with regards to BMPs that can reduce or eliminate illicit discharges from Department Maintenance facilities.

Objectives: Implement the BMPs specified in Facility Pollution Prevention Plans; follow procedure and protocol pertaining to reporting, investigating, and eliminating illicit discharges coming onto and leaving the Department's Maintenance facilities.

The Department has developed Facility Pollution Prevention Plans (FPPPs) for its designated Major and Minor Maintenance facilities. Each FPPP has a designated Administrator who oversees plan compliance and BMP implementation. The FPPPs direct the Administrators to contact the Department's Water Quality Section should an illicit discharge be observed within a Department owned and operated Maintenance facility, or discharging onto the Maintenance facility from a source outside of the facility. If the illicit discharge in question meets or exceeds the reportable quantity thresholds for a petroleum product or hazardous waste, or is a spill of any quantity that affects a water way within the State of Nevada, the appropriate FPPP Administrator will report the incident to NDEP via the Spill Reporting Hotline (1-888-331-6337 (in-state) or 1-775-687-9485 (out of state). All incidents will be documented in the Department's IDDE Database (refer to Section 3.7.12).

Maintenance FPPPs will be reviewed on an annual basis to ensure language, policy, and protocols are current; subsequent revisions to the FPPPs will occur as appropriate.

3.7.4 Maintenance Facility Best Management Practices (BMPs) Manual

Goals: To raise awareness of Department employees with regards to BMPs that can reduce or eliminate illicit discharges from Department Maintenance facilities.

Objectives: Develop the Maintenance Facility Best Management Practices (BMPs) Manual by May of 2015; incorporate the manual as a component of the Maintenance facility FPPPs.

The Department is currently developing a BMPs manual specifically for its Maintenance facilities. This manual will provide guidance to the Department's Maintenance, Equipment, and District personnel with regard to BMP practices that will prevent, or reduce to the maximum extent practical, stormwater pollutant discharges from the Department's Maintenance facilities into receiving waterways. Included in this document will be information pertaining to illicit discharges, specifically what to look for as well as documentation, and reporting protocol and procedures.

3.7.5 Field Guide for Illicit Discharge Detection and Elimination

Goals: To develop guidance, procedure, and protocol with regards to detecting and eliminating illicit discharges within the Department's right-of-way.

Objectives: Develop the Field Guide for Illicit Discharge Detection and Elimination by January 31, 2015.

The development of the Department's Field Guide for Illicit Discharge Detection and Elimination (IDDE Field Guide) is currently underway. This field guide will educate and inform Department employees as to what an illicit discharge is and what to do if one is observed. The field guide will address field indicators of suspected illicit discharges, illegal connections to the storm sewer system, as well as reporting, response, and documentation requirements. In addition, the field guide will specify procedures and protocols to be followed in the event a confirmed or suspected illicit discharge is detected in the field, direction for eliminating the illicit discharge, follow-up and additional surveillance measures, and information pertaining to spill response.

3.7.6 Major Outfall Inventory

Goals: To inventory and map all major outfalls within the Department's right-of-way, which will assist the Department with implementing its IDDE Program.

Objectives: To have all major outfalls within the Department's right-of-way inventoried and mapped by June 30, 2017.

Per 40 CFR 122.26, "major outfall" is defined as:

An MS4 outfall that discharges from a single pipe with an inside diameter of 36 inches or more or its equivalent (discharge from a single conveyance other than circular pipe, which is associated with a drainage area of more than 50 acres); or for municipal separate storm sewers that receive stormwater from lands zoned for industrial activity (based on comprehensive zoning plans or the equivalent), an outfall that discharges from a single pipe with an inside diameter of 12 inches or more or from its equivalent (discharge from other than a circular pipe associated with a drainage area of 2 acres or more).

Outfalls do not include cross-drain structures or culverts installed under a road that function only to maintain the natural flow of surface waters and drainage. However, a structure that collects or diverts drainage that has contacted the road surfaces for discharge into a water body is considered an outfall under this permit (see 40 CFR 122.26).

Efforts to inventory hydraulic facilities statewide are underway with a primary focus on areas that discharge (or potentially discharge) into a state listed 303(d) listed impaired waterway or TMDL listed waterway. However, all major outfalls statewide will be inventoried and mapped under the remaining implementation schedule as follows:

- FY 2015: Carson River Basin and Walker River Basin hydrographic regions
- FY 2016: Snake River Basin and Humboldt River Basin hydrographic regions
- FY 2017: Blackrock Desert Region and Colorado River basin hydrographic regions

3.7.7 Storm Sewer System Map

Goals: To raise awareness of Department employees and the general public of critical components of the MS4 system; to assist with implementing the Department's IDDE Program.

Objectives: To continue developing and updating maps depicting the Department's major outfalls.

Maps depicting major outfalls and other hydraulic facilities (e.g. stormwater detention basins, stormwater treatment devices, etc.) are currently being generated with several already

developed and available for viewing on the Department's Stormwater Management Program website.

These maps will be used to help assess possible impacts to receiving waters from roadway runoff and illicit discharges, and to provide visual connectivity between sub watersheds.

Maps depicting the Department's major outfalls will serve as the basis for conducting routine illicit discharge inspections and reported illicit discharge investigations in all three Department districts.

Updated maps will be included in the Annual Report.

3.7.8 Routine Outfall Screening

Goals: To monitor major outfalls for illicit discharges and unauthorized cross connections.

Objectives: To continue performing initial IDDE inspections as part of the Department's initial hydraulic facility inventory efforts; to begin performing routine IDDE inspections of the Department's major outfalls beginning in July of 2017.

As part of the initial inventory effort, documented IDDE inspections are being performed. Once all the major outfalls are identified and incorporated into the Department's existing GIS platform, each major outfall that discharges into a waters of the U.S. and resides outside of an urbanized area (as designated by the U.S. Census Bureau) will be inspected on a 3-year cycle beginning in July of 2017. Inspections of major outfalls within the Department's right-of-way located within urbanized areas (as designated by the U.S. Census Bureau) that discharge into a waters of the U.S. will occur on a 2-year cycle. Any major outfall that receives stormwater discharge from an industrial facility will be inspected on an annual basis.

All inspections will be performed by (or under the direction of) the Department's Water Quality Section.

IDDE inspection information collected during the field inspection will include the following:

- Person conducting the inspection
- Date and time of the inspection
- Weather conditions
- Department hydraulic facility ID number (if known)
- Location (District, route, county, milepost, city/town, etc.)

- Waterway name (if known)
- Outfall flow condition (dry, flowing, estimated discharge)
- Sign of a potential/confirmed illicit discharge

Should an illicit discharge be suspected or confirmed, an illicit discharge investigation will be initiated by the appropriate District Water Quality Specialist.

As part of the routine outfall screening process, dry weather flows will be documented and investigated per the Department's IDDE Field Guide. Should a dry weather flow be a result of a natural occurring condition, i.e. springflow, snowmelt, etc., an illicit discharge investigation will not occur and will be noted in the IDDE inspection documentation. Inspections will occur under dry weather conditions when possible.

3.7.9 Training

Goals: To raise awareness of Department employees and its contractors regarding IDDE.

Objectives: Continue to provide IDDE related training as part of the Department's Certified Stormwater Inspector training; incorporate information from the IDDE Field guide into the stormwater training curriculum.

Stormwater training efforts are ongoing and occur several times annually within the Department's three districts. Subject matter includes identifying common signs of potential illicit discharges (off-colors, strong odors, staining, floatables, etc.), unauthorized pipe-to-pipe connections to the storm sewer system, environmental concerns regarding illicit discharges, proper management and disposal of used oil and toxic materials, and the appropriate contact information. Staff receiving this training includes those who are involved with construction field inspections, roadway and maintenance operations, and project designers.

The Department is currently developing a contractor stormwater training program. IDDE related subject matter will be incorporated into the training curriculum.

3.7.10 Sanitary Sewer Exfiltration

Goals: To protect receiving water quality from sanitary sewage discharges.

Objectives: Eliminate instances of sanitary sewer exfiltration into the Department's storm sewer system.

Department employees, notably field personnel, e.g. Maintenance, Construction, Right-of-Way, etc., are provided training (e.g. the Department's Certified Stormwater Inspector training course) and resources (e.g. the Department's IDDE Field Guide) to identify and help eliminate sanitary sewer discharges as part of their day-to-day activities.

For capacity projects or projects that may impact underground utilities, the Department's Right-of-Way and Design Divisions coordinate efforts to identify utilities, including sanitary sewer lines, within the project limits and display them on design plan sheets. This assists both NDOT's contractor and construction crew personnel with understanding where sewer lines reside within the right-of-way should an instance of sanitary sewer exfiltration be observed during construction.

Routine outfall screening performed by the Department's Water Quality Section, provides an opportunity to identify and eliminate instances of sanitary sewer discharges into the storm drain system.

Should an instance of sanitary sewer exfiltration be identified, the procedures for reporting, investigating, and eliminating the discharge will be applied as described in the Department's IDDE Field Guide. All instances will be documented in the Department's IDDE Database (refer to Section 3.7.12).

3.7.11 Internal and External (Public) Reporting of Illicit Discharges

Goals: To provide a mechanism that will facilitate the reporting of illicit discharges for Department personnel and the general public.

Objectives: Maintain and update as necessary the "Illicit Discharge/Drainage Reporting" webpage on the Department's Stormwater Management Program website; respond to all potential or confirmed illicit discharges reported.

The Department has developed an Illicit Discharge/ Drainage Reporting webpage within its Stormwater Management Program website to facilitate the reporting of illicit discharges within the MS4 Permit area (http://www.nevadadot.com/StormWater/Illicit_Discharge_Reporting.aspx). The illicit discharge webpage provides information describing what an illicit discharge is and how to report one. The webpage instructs the individual reporting the illicit discharge to contact the Department's Water Quality Section so an illicit discharge investigation can be initiated. The following questions will be asked of the individual reporting the illicit discharge:

1. What is the location (the more detail the better, i.e. road number, milepost, intersection, etc.)
2. What is the description of the discharge? (dry weather, odor or discoloration, visible contaminants, etc.)
3. What is the discharge frequency (continuous-almost all the time, intermittent-occasional, transitory-rarely occurring)
4. What is the source of the discharge (Do you have an idea of where the illicit discharge may be coming from?)
5. Is the illicit substance discharging into a waterway or a storm sewer system?

Information regarding NDEP's Spill Reporting Hotline is also included in the Illicit Discharge/Drainage Reporting webpage. Should the public encounter a spill that meets or exceeds the reportable quantity thresholds for a petroleum product or hazardous waste, or a spill of any quantity that affects a water way within the State of Nevada, they are directed to report the incident to NDEP via the Spill Reporting Hotline (1-888-331-6337 (in-state) or 1-775-687-9485 (out of state)) as well as the Department's Water Quality Section.

For reportable spills observed by Department staff, Water Quality Section personnel are contacted, who then coordinate with the Department's Hazardous Materials Section to contact the NDEP Spill Reporting Hotline. Department Water Quality Section staff will respond within 24 hours to all illicit discharge incidents reported. Through inter-agency cooperation, the NDEP-Bureau of Corrective Actions (BCA) provides the Department's Water Quality and Hazardous Materials Sections with copies of all spill reports documenting reportable discharge incidences that occurred within the Department's right-of-way. Should an incident be known and a copy of the spill report was not received by the Department, NDEP (BCA) will be contacted to verify that a spill report was submitted.

A flow chart providing an overview of the initial IDDE reporting to closure process is presented in the Appendix.

In response to illicit discharges reported by both Department personnel and the general public, investigations will be conducted per the procedures outlined in the Department's IDDE Field Guide.

All illicit discharge incidents reported will be documented in the Department's IDDE Database as described in the following section.

3.7.12 IDDE Database

Goals: Provide a means to document and track all illicit discharge incidents reported to the Department's Water Quality Section from both public and internal reporting.

Objectives: Document all reported illicit discharges occurring within the Department's right-of-way and their associated investigations.

The Department's IDDE Database is administered and maintained by the Water Quality Section. Information that is documented in this database includes the following:

- Date the incident was reported to the Department's Water Quality Section
- Location where the incident occurred (District, city, town, region, county, route, milepost)
- Spill Report Number (as appropriate)
- Description of the discharge in question
- Date and time the incident was observed
- Description of the incident
- Responsible party (if determined)
- Corrective action/resolution
- Incident case closure date

The information in the IDDE Database is used to help track appropriate investigative and response measures, and to ensure all incidents have been appropriately mitigated.

A summary of illicit discharge incidents will be provided in the Annual Report.

3.7.13 Compilation and Assessment

Goals: Determine if any IDDE trends are evident, and to determine if appropriate Department response, corrective measures (as appropriate), and follow-up actions are implemented.

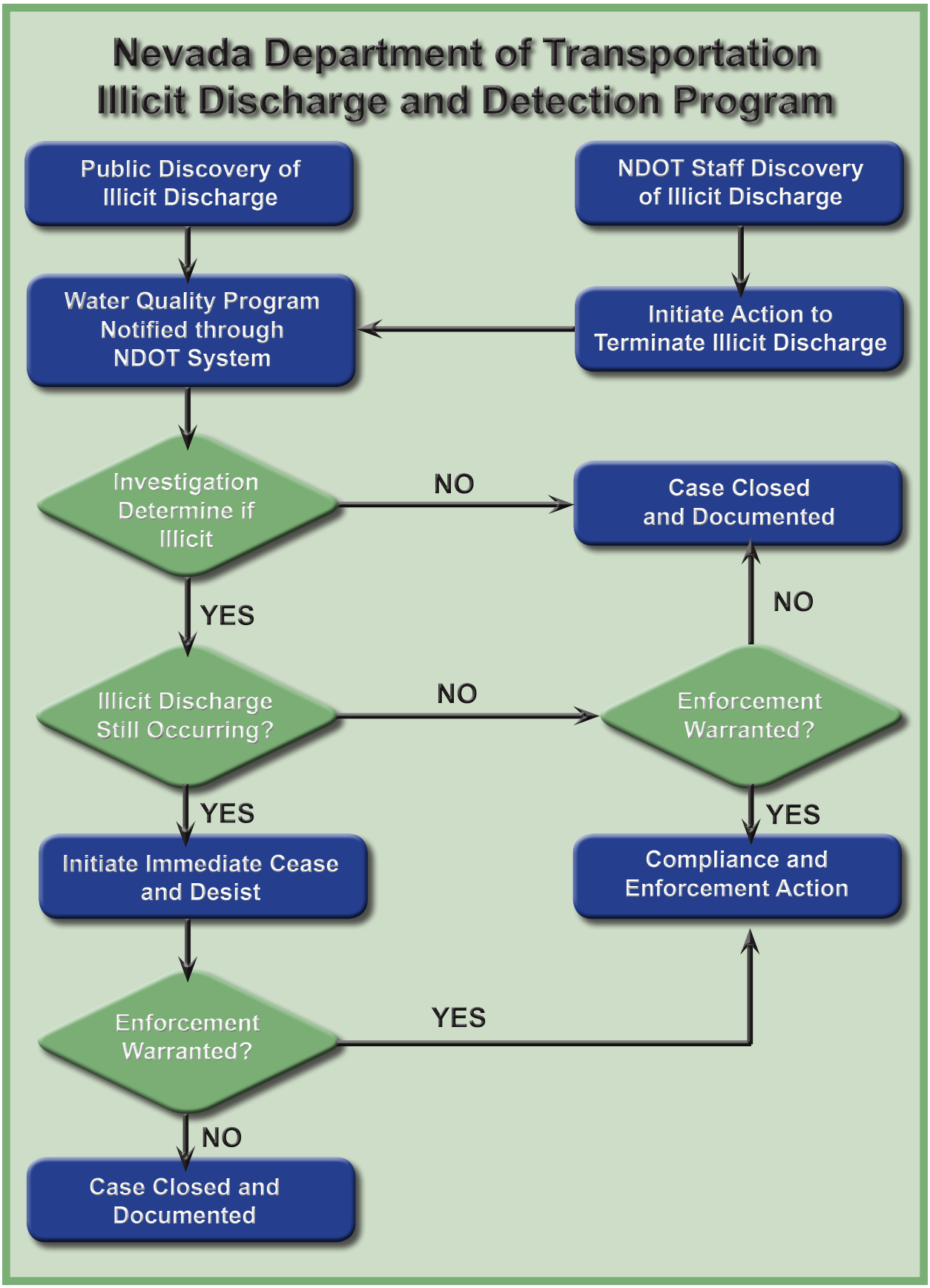
Objectives: Review the IDDE Database on a regular basis

All information documented in the IDDE Database is reviewed throughout the year to determine if any trends in the information are observed, and to determine if appropriate response, corrective action, and follow-up measures were implemented. The District Water Quality Section will review the information at the end of the fiscal year and determine if a particular area or specific location is subject to illicit discharges on a repeat basis. Should an area or specific

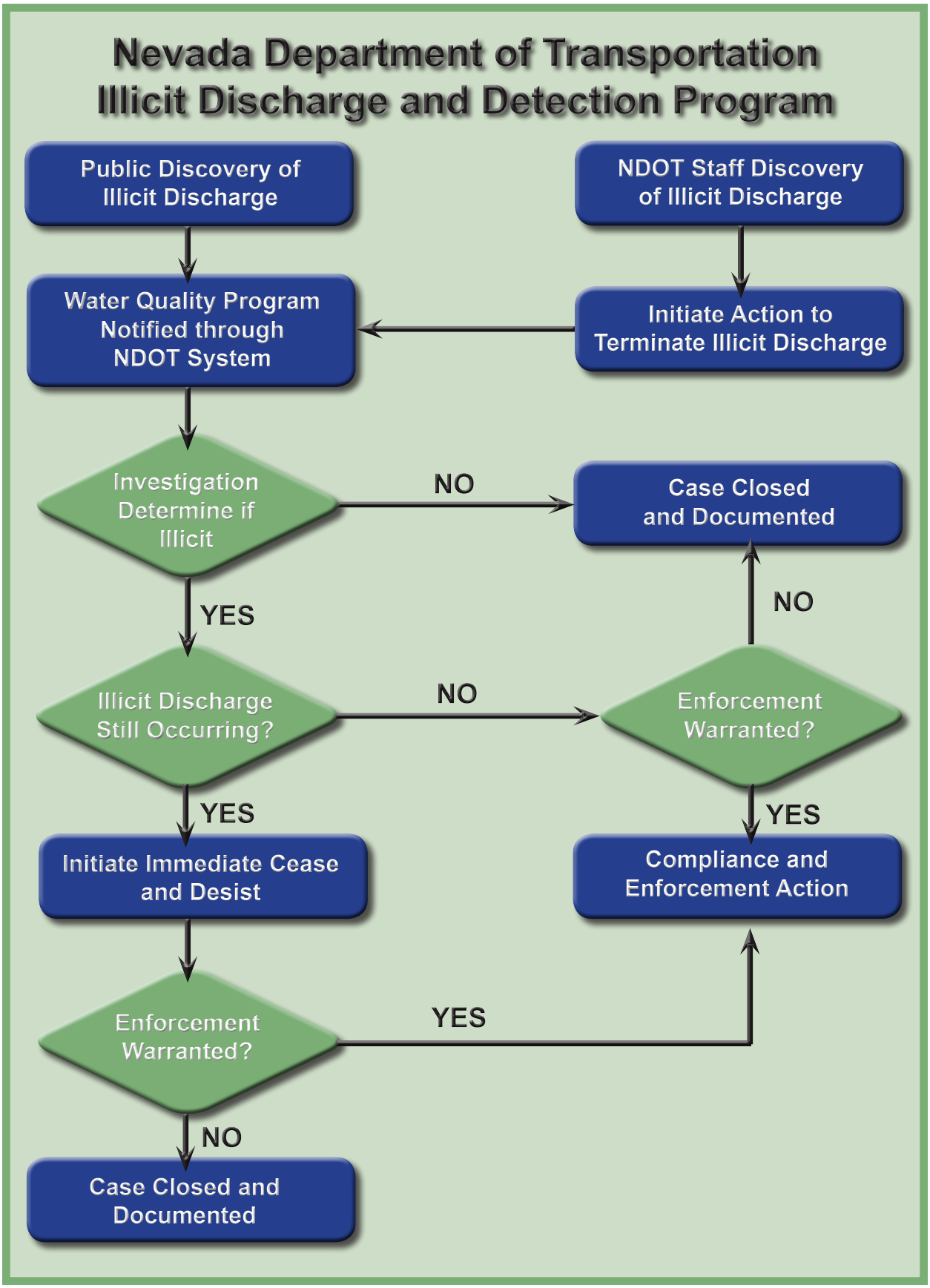
location be identified as an illicit discharge “hotspot”, the Water Quality Program Manager will coordinate with the appropriate District Water Quality Specialist regarding a plan for increased monitoring/surveillance of the area in question, with the goal of deterring future illicit discharge activities. The Department’s IDDE Field Guide provides guidance pertaining to additional monitoring and surveillance should an illicit discharge “hotspot” be identified.

Appendix

Nevada Department of Transportation
Illicit Discharge and Detection Program



Nevada Department of Transportation
Illicit Discharge and Detection Program



APPENDIX J

Listing of Industrial Facilities with the Potential to Directly Discharge Stormwater Runoff into NDOT's Right-of-Way

Table J-1. Listing of industrial facilities statewide that potentially discharge stormwater runoff into NDOT's right-of-way.

Name	Facilty Type	City/Town	County	District
Range Road Plant	Batch Plant	North Las Vegas	Clark	1
Haycock Petroleum	Diesel Fuel Supplier	Las Vegas	Clark	1
All American Van & Storage, Inc.	Storage & Moving Company	Las Vegas	Clark	1
American Medical Response	Emergency Medical Response	Las Vegas	Clark	1
CertainTeed-Gypsum	Gypsum Manufacturer	Las Vegas	Clark	1
Sierra Ready Mix - Smiley	Concrete Supplier	Las Vegas	Clark	1
Bonanza Batch Plant	Batch Plant	Las Vegas	Clark	1
Sunroc - Bunkerville	Concrete Supplier	Bunkerville	Clark	1
Basic Food Flavors Inc.	Food Manufacturer	North Las Vegas	Clark	1
Las Vegas Truck Salvage	Junk Yard	North Las Vegas	Clark	1
Kyle Canyon Concrete Batchplant	Concrete Batch Plant	Las Vegas	Clark	1
Thatcher Company of Nevada	Chemical Manufacturer	Las Vegas	Clark	1
USF Reddaway Inc. Las Vegas (578/LVG)	Trucking Company	Las Vegas	Clark	1
ABF Freight System, Inc	Moving & Storage Services	Las Vegas	Clark	1
Puliz Moving and Storage	Moving & Storage Services	North Las Vegas	Clark	1
Geneva Pipe of Nevada	Pipe Supplier	Moapa	Clark	1
Brinks Company	Armored Transportation	Las Vegas	Clark	1
Genuine Parts Co. Nv.	Auto Parts Store	Las Vegas	Clark	1
StorageOne (Las Vegas Blvd S)[1]	Storage Facility	Las Vegas	Clark	1
Gilberts Precision Machine	Welder	Las Vegas	Clark	1
Ahern Rentals, Inc.	Equipment Rentals	Las Vegas	Clark	1
Republic Services Medical Waste Division	Medical Waste Management	North Las Vegas	Clark	1
SA Recycling	Recycling Center	Las Vegas	Clark	1
Discount Dumpsters[2]	Recycling Center	Las Vegas	Clark	1
Rail Acres	Industrial Storage	North Las Vegas	Clark	1
Goodwill of Southern Nevada	Recycling/Donation Center	North Las Vegas	Clark	1
Great Value Storage	Storage Facility	Las Vegas	Clark	1
Jim Wilkin Trucking LLC	Trucking Company	Caliente	Lincoln	1
Haycock Petroleum Company	Diesel Fuel Supplier	Caliente	Lincoln	1
UPS Tonopah	Trucking Company	Tonopah	Nye	1
CertainTeed Gypsum	Gypsum Products	Las Vegas	Clark	1
Thacher Co of Nevada	Chemical Manufacturer	Henderson	Clark	1
Smoky Valley Common Operation	Gold Mine	Round Mountain	Nye	1
Calportland Co Range Road Plant	Concrete Batch Plant	North Las Vegas	Clark	1
Thomas Petroleum LLC Sloan	Protroleum Products	Las Vegas	Clark	1
Titanium Metals Corp (Timet)	Milled and Melted Titanium Alloy Products	Henderson	Clark	1
3D Concrete	Ready Mix Concrete	Sparks	Washoe	2
Anchor Storage LLC	Storage	Reno	Washoe	2
Cemex Ready Mix Plant	Concrete Ready Mix Batch Plant	Reno	Washoe	2
Drive Line & Gear Svc of Reno	Automotive Repair	Sparks	Washoe	2
European Design Iron, Inc.	Manufacturing	Reno	Washoe	2
Incline Industrial Park, LLC	Misc.	Incline Village	Washoe	2
Lockwood- Granite Construction Asphalt Plant and Material Pit	Asphalt Plant and Aggregates	Lockwood	Washoe	2
Mustang Quarry- SNC	Construction Materials Pit	Sparks	Washoe	2
Reno Drain Oil Service	Lubricant Recyclying	Sparks	Washoe	2
RTC RIDE Bus Maintenance Facility	Public Transportation Maintenace Facility	Reno	Washoe	2

Name	Facilty Type	City/Town	County	District
Sparks Asphalt Plant	Asphalt Plant	Sparks	Washoe	2
Western Energetix Terminal #2	Fuel Dispensary	Sparks	Washoe	2
Western Nevada Materials Tracy Plant	Construction Materials Pit	Tracy	Washoe	2
Azzarellos Ready-Mix Concrete	Ready Mix Concrete	Lovelock	Pershing	2
Carson Highlands Storage	Storage	Mound House	Lyon	2
Cemex Ready Mix Plant-Fernley	Ready Mix Concrete	Fernley	Lyon	2
Chisum Concrete Inc. (Closed)	Concrete	Yerington	Lyon	2
Fernley Transfer Station-WM	Waste Management	Fernley	Lyon	2
Nevada Heat Treating	Manufacturing	Mound House	Lyon	2
Texaco- Bulk Plant	Fuel Dispensary	Yerington	Lyon	2
Chemeon Surface Technology	Chemical Production	Minden	Douglas	2
Kass Machine	Automotive Repair	Gardnerville	Douglas	2
Verticrete of Northern Nevada	Concrete Casting	Fernley	Churchill	2
Western Energetix #3009	Fuel Dispensary	Fallon	Churchill	2
Carson HI-Tech Inc	Manufacturing	Carson City	Carson City	2
Western Energetix #3010	Fuel Dispensary	Carson City	Carson City	2
Florida Canyon & Standard	Gold Mine	Imlay	Churchill	2
Sherwin-Williams Co	Paint and Coatings	Fernley	Lyon	2
Lucerne Project	Gold Mine	Virginia City	Storey	2
EZ Stop	Gas Station	Eureka	Eureka	3
Kenner	Concrete Plant	Winnemucca	Humbolt	3
Carlin South Area/Newmont	Mine	Carlin	Eureka	3
Thomas Petroleum	Petroleum Company	Carlin	Elko	3

[1]Current business name is Smart Shop Storage

[2]Current business name is Western Elite

APPENDIX K

Vehicle Wash Pads Assessment and Feasibility Study

NDOT Vehicle Wash Pads Assessment and Feasibility Study

February 2015

Nevada Department of Transportation

NDOT Vehicle Wash Pads Assessment and Feasibility Study

Notice

Comments and questions relating to the NDOT's Stormwater Management Program should be directed to:

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Fax: 775-888-7104
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Stantec

6995 Sierra Center Parkway, # 200
Reno, NV 89511 | Phone: (775) 850-0777

Stantec

Memo

NDOT VEHICLE WASH PADS ASSESSMENT AND FEASIBILITY STUDY

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Stantec

Memo

To: James Murphy, NDOT Project Manager

From: Mike Wilkin, P.E., Stantec
Terri Svetich, P.E., Stantec

Reviewed: Jeff Curtis, Ph.D., Stantec Project Manager

Date: February 27, 2015

Reference: NDOT Agreement No. P472-12-013, Task Order 14, Subtask 14.2, NDOT Vehicle Wash Pads Assessment and Feasibility Study

Background

The Nevada Department of Transportation (NDOT) has numerous vehicle wash pads (VWP) located at maintenance facilities throughout the state. Some of these VWPs are not fully functional or in compliance with NDOT's MS4 stormwater permit relative to wash water containment and disposal. Stantec was tasked with assessing 15 different VWPs plus the addition of a pad in Carson City. These facilities were assessed for condition, functionality and compliance with the MS4 permit.

Introduction

The objective of this task was to review sixteen (16) NDOT Maintenance Facilities with regard to MS4 permit and individual site operational requirements. In most cases each of the identified site assessments and physical inspections were performed jointly with Stantec and NDOT staff at each facility. This VWP assessment and Feasibility study summarizes existing conditions, deficiencies, local issues, constraints, and needs for the VWP at the following sites:

#	NDOT Maintenance Facility	Wash Pad Onsite?
1	Battle Mountain	Yes
2	Carson City*	Yes
3	Contact	Yes
4	Currie	No
5	Ely	Yes
6	Eureka	No
7	Las Vegas	Yes
8	Lovelock	No
9	Mina	No
10	North Fork	Yes
11	Reno	Yes
12	Ruby Valley	No
13	Searchlight	No
14	Virginia City	Yes
15	Wells	Yes
16	Winnemucca	Yes

* Carson City was not included in the original list but has been identified as a priority needing improvements and consequently included in the overall wash pad assessments.

Approach

Each site was visited by a Stantec representative and inspected along with an NDOT representative with the exception of Virginia City, where no NDOT representative was present. Photographs and notes were taken to document site conditions and observations. In addition to the site visit, Google Earth was used to obtain an aerial perspective of each maintenance facility and associated area. Nevada Division of Environmental Protection (NDEP) web resources were used to identify the

proximity of waterways and specifically those that are on the 303(d) list or have Total Maximum Daily Load Limits (TMDLs) using the 2012 Water Quality Integrated Report (NDEP, April 2014).

Assessments

Items included in the onsite inspections and assessments were:

- Site plan, location and practicality
- Source and volume of wash water supply
- Wash water pressure
- Nozzle design and flow (where applicable)
- Wash pad drainage
- Wash pad condition, usage, and loading
- Wash water collection facility
- Sand/oil/water separator and filters
- Wash water disposal method, location and alternatives
- Sand/grit disposal method
- Permitting requirements, alternatives and options

Individual site assessments are presented in Appendix A of this document. Estimated costs for improvements for each site are included in Appendix B.

Impaired Waters

Each site assessments includes a narrative titled "Proximity to waterways" in which notes are made about the location and proximity to impaired waterways. Impaired waters are those listed on the state's 303(d) list or one having a "TMDL" (total maximum daily load). The most current version of this list at this time is the *2012 State of Nevada Water Quality Integrated Report (IR)* (NDEP, 2014). For reference, some NDEP "Waterbody Identification Numbers" were included in the site specific discussions (e.x., NV08-CR -09_00). These numbers can be found in the IR cited above.

Groundwater Discharge Permitting

Proper disposal of wash water originating from NDOT VWPs is a critical component for compliance with the MS4 permit and many local pre-treatment requirements. When disposal of this water into a sanitary sewer is not an option, the water must be treated and discharged into the soil profile (i.e., to groundwater). NDEP has issued NDOT a "General Permit" titled "Authorization to Inject/Discharge" (GU07NT, a copy is included in Appendix C) that covers 19 NDOT facilities statewide. Throughout the assessments provided in Appendix A, this permit is widely referred to as the "General Permit".

This General Permit was originally issued to NDOT November, 2008 and has a 5 year permit cycle. According to NDEP, despite the fact that 5 years has lapsed, the permit is still in effect with an administrative continuance. Based upon information provided by NDEP, permitting of future NDOT wash pads discharging to groundwater can be obtained by filing a Notice of Intent (NOI), a $400 fee, and a "Best Management Plan" (BMP) explicit to the site. There are also specific conditions dictated in the General Permit that would be applicable to the new sites as well as the existing permitted sites.

Summary of Findings

A summary of the VWP assessment findings is presented in Table 1 along with a relative listing of priority with respect to need. Again, the individual site assessments are provided in Appendix A of this document.

Based upon the assessments, and input from NDOT onsite staff, it appears that the existing wash pad facilities at North Fork and Contact are sufficient to meet the needs of NDOT and regulatory requirements but could use some repairs to the concrete pads. It is our understanding that both discharge to groundwater and are covered by the General Permit GU07NT.

Upgrades need to be made at a number of existing facilities to accommodate NDOT needs and/or meet regulatory requirements. Those maintenance yards are: Carson City, Ely, Las Vegas, North Fork, Reno, Virginia City, Wells and Winnemucca.

Currently NDOT staff drives vehicles to Wells from Currie, Ruby Valley and Battle Mountain to utilize a commercial truck wash. Eureka reportedly utilizes the Counties VWP because there is no NDOT VWP facility nearby. Development of a cost/benefit analysis may be beneficial to help evaluate the expenditure of the capital costs to install a wash pad and meet regulatory requirements versus the cost of staff time to drive the vehicles to the wash facility. The analysis should factor in any weather dependencies, wear and tear on the vehicles, fuel costs and associated fees.

There are seven sites with no wash pads or associated appurtenances. Construction of new VWP facilities will be faced with a variety of constraints, including a lack of space on the existing property, potentially inadequate water supply and limited options for effluent disposal.

Table 1. Summary of Wash Pad Findings and Considerations

Priority (high, low, medium)	Maintenance Facility	Wash Pad Onsite	Municipal Water Available	Municipal Sewer Available	Onsite Well	Onsite Sewage Disposal	Facility Upgrades Needed	Cost Est.	In Compliance with Reg's.
High	Battle Mountain	No	Yes	Yes	No	No	New facility would need to be constructed	$350,000	
High	Carson City	Yes	Yes	Yes	No	No	Expand existing	$370,000	
High	Currie (64 miles south of Wells)	No	No	No	Yes	Yes	New facility would need to be constructed	$ -	
High	Ely	Yes	Yes	Yes	No	No	Expand existing	$315,000	No
High	Las Vegas	Yes	Yes	Yes	No	No	New facility would need to be constructed	$321,000	No
High	Ruby Valley	No	No	No	Yes	Yes	New facility would need to be constructed	$374,000	
High	Virginia City	Yes	Yes	Yes	No	Yes	New facility would need to be constructed	$335,000	No
High	Wells	Yes	Yes	Yes	No	No	Connect to SS.	$96,000	No
Medium	Eureka	No	Yes	Yes	No	No	New facility would need to be constructed	$350,000	

Table 1. Summary of Wash Pad Findings and Considerations

Priority (high, low, medium)	Maintenance Facility	Wash Pad Onsite	Municipal Water Available	Municipal Sewer Available	Onsite Well	Onsite Sewage Disposal	Facility Upgrades Needed	Cost Est.	In Compliance with Reg's.
Medium	Lovelock	No	Yes	Yes	No	No	New facility would need to be constructed	$386,000	No
Medium	Mina (34 miles south of Hawthorne)	No	Yes	No	No	Yes	New facility would need to be constructed	$387,000	
Medium	Reno	Yes	Yes	Yes	No	No	Yes	$75,000	No
Medium	Searchlight	No	Yes	No	No	Yes	New facility would need to be constructed	$382,000	
Low	Winnemucca	Yes	Yes	Yes	No	No	Not apparent	$ -	Yes
Low	Contact (15 miles south of Jackpot)	Yes	No	No	Yes	Yes	Not apparent	$ -	Yes
Low	North Fork (50 miles north of Elko, Near Wildhorse Res.)	Yes	No	No	Yes	Yes	New wash pad	$81,000	Yes

Appendix A: Individual Site Assessments

NDOT Maintenance Facility: Battle Mountain **Assessment Date:** July 23, 2014

NDOT Representative(s): John Wilcox (775) 635-2041

Stantec Representative(s): Mike Wilkin

Overview of Existing Facility: There is no formal existing Vehicle Wash Pad at this site. There is the ability to use a hose to wash down if needed in an emergency situation however. Any wash water that may be applied, flows offsite to the street gutter and storm drain catch basin. NDOT staff has implemented gravel bags at the low points as a BMP to filter the wash water before it leaves the site, but this also blocks one of the facility access gates. The site has limited space for the installation of a full Wash Pad and associated facilities, but appears feasible along the Southeast property line. Based upon communication with Lander County, there is municipal water and sewer available to accommodate a wash pad. A more detailed analysis would need to be conducted if a new VWP design is initiated for this site.

Wash Pad Considerations

***Type of wash*:** *There is no formal wash pad. A water hose is available for emergency use only.*

***Wash pad drainage*:** *Drains to the street. NDOT staff has applied gravel bags as a BMP.*

***MS4 permit compliant*:** No

Structural controls: None

Water source: The municipal water system is operated by Lander County. According to Lander County public works staff, there is a 6" main along Fifth Street to the southwest and a 6" main along Galena Street to the northwest. Pressure in the area is approximately 70 psi. A 2" meter serves the site but its exact location is unknown. If an additional connection is required to accommodate a wash pad, the connection fees range from $3,700 for a 2" meter to $7,500 for a 6" meter. The cost of installation of a water service is in addition to the connection fees.

Sanitary sewer: Sewer service is provided by a system operated by Lander County. According to Lander County public works staff, there is a 6" collector along Sonoma St. to the southeast and a 6" collector which dead-ends on Galena St. at the northeast property line of the site. The exact location of the sewer lateral is unknown. If an additional sewer connection is required to accommodate the wash pad discharge, the connection fee is $1,915 for either a 4 or 6" sewer connection. Pre-treatment would be required for a wash pad prior to the drainage being discharged into the sanitary sewer system.

***Proximity to waterways*:** The Town of Battle Mountain is situated near the Humboldt River. In this location, the Humboldt River is on the 303(d) list as impaired for turbidity and iron and has an existing TMDL for total phosphorus (TP), total dissolved solids (TDS) and total suspended solids (TSS) (NV04-HR-03_00). This NDOT facility is situated approximately 1.25 miles from the river. Drainage from this NDOT facility drains into the Battle Mountain MS4.

Other observations: At the time of inspection, NDOT staff expressed:

- Additional lighting on the site is reportedly not needed due to the mode of operations.
- County does street cleaning of sand residual that settles in street

NDOT Maintenance Facility: Carson City **Assessment Date:** March 3, 2014

NDOT Representative(s): James Murphy, Don Twichell, Rob Piekarz

Stantec Representative(s): John Enloe, Mike Wilkin

Overview of Existing Facility: The existing VWP does not adequately all wash pad water. While the wash pad has an associated sedimentation basin and oil/water separator (hereafter referred to sand/oil interceptor, or SOI) with final effluent to the municipal sanitary sewer, there is still some wash pad water that flows away from the pad and into the storm sewer system.

Improvements should be made to bring the facility into compliance with the MS4 permit and enhance its usability. The pad grading needs to be sloped at least ¼ inch per foot to promote proper drainage and prevent standing water from freezing. It was expressed by NDOT staff that the pad needs to be at least 50 feet long and the concrete retention basin needs to be wider. The water supply is currently undersized at 2", and needs to be upsized to a 4" service, to supply adequate volume for the requested spray bar and nozzles. At the time of inspection, NDOT staff requested the VWP island be expanded to provide sufficient area lighting, work space and hose drying racks.

Wash Pad Considerations

***Type of wash*:** Boom with hand held hose and spray nozzle.

***Wash pad drainage*:** Largely due to inadequate pad size and grading, some of the wash water drains away from the wash pad (and associated treatment facilities) and escapes into the storm drain system.

***MS4 permit compliant*:** No

Structural controls: Yes, there is a sediment settling basin with an overflow to a 1,500 gallon SOI located adjacent to the settling basin.

Based upon conversations with Carson City Utilities, Pretreatment Division staff, these structural controls adequately meet the pretreatment standards for discharge into the sanitary sewer.

***Condition of pavement*:** Poor and damaged

Water source: There is municipal water on site supplied by Carson City Utilities. The service size is shown on existing site plans as a 2" supply line. Wash pad upgrades may warrant a larger water

service. According to Carson City Utilities, there is a 6" cast iron main in Oregon Street and an 8" PVC main in Roop Street. Pressure at the site is approximately 80 psi.

Sanitary sewer: Effluent from the existing wash pad facility is connected to the sanitary sewer provided by Carson City Utilities. In the event there is a need to upgrade the sewer connection, there is an 8" collector in Oregon St. No sewer main exists in Roop St.

***Proximity to waterways*:** Runoff from the facility enters into the Carson City MS4 and ultimately drains to the Carson River. Various reaches of the Carson River are listed as impaired for mercury in fish tissue, dissolved oxygen (DO) and water temperature (NV08-CR -09_00 and -10_00). There is also an approved TMDL in place for these same segments for TP, TSS and turbidity. At its closest point, the facility is approximately 2.75 miles away from the Carson River.

Other observations: NDOT staff onsite at the time of the inspection expressed they would like a spray bar system, 2 bars if possible. It needs to drain faster; as they have experienced problems with freezing in the past. Improved supply volume would be needed.

NDOT Maintenance Facility: Contact **Assessment Date:** June 25, 2014

NDOT Representative(s): Cody Robinson (775) 755-2204

Stantec Representative(s): Mike Wilkin

Overview of Existing Facilities: There is no municipal sewer or water available at this site. Existing facilities are serviced with an onsite sewage disposal system and water well. Wash facilities consist of a hand held hose and nozzle. There is no spray bar/nozzle assembly. It appears the VWP drainage is sufficient and flows to a sediment settling basin and then to a post treatment water/oil separator. Discharge to groundwater is covered by the existing General Permit (GU07NT) issued by the NDEP. This site is experiencing some minor surface degradation of the concrete wash pad, but the pad does not appear to be in need of replacement at this time. NDOT staff expressed the existing facilities are adequate and meet their needs.

Wash Pad Considerations

Type of wash: Hand held hose and nozzle

***Wash pad drainage*:** After treatment (sedimentation, SOI) the wash water is discharged to ground water via a leach field.

***MS4 permit compliant*:** Yes

***Structural controls*:** Yes, there is sand/settling basin and1,500 gallon SOI.

Pursuant to General Permit GU07NT issued to NDOT by NDEP, monitoring of the effluent is conducted and estimated discharge quantities are submitted annually to NDEP. This facility meets the

requirements set forth in the General Permit. Signage is posted regarding the limitations on the vehicle washing and detergents. .

***Condition of pavement*:** Some cracking around manholes – appears okay.

Water source: Water supply is provided by an onsite well and pressure tank. Supply and pressure not known but pressure is estimated to be in the range of 40 – 60 psi.

Sanitary sewer: No municipal sewer. Existing sand/settling basin and1,500 gallon SOI are adequate.

***Proximity to waterways*:** This facility is situated less than a quarter of a mile away from Salmon Falls Creek. Salmon Falls Creek does not have any TMDLs but is on the 303(d) list for iron, TP, temperature, TSS and turbidity.

Other observations: None noted

NDOT Maintenance Facility: Currie **Assessment Date:** June 23, 2014

NDOT Representative(s): Renee Duffy (775) 591-0445

Stantec Representative(s): Mike Wilkin

Overview of Existing Facility: There is no existing wash pad at this location. There is no municipal sewer or water available. Existing facilities are serviced with an onsite sewage disposal system and onsite well. This site is space constrained for installation of a VWP that would meet sand/oil/water separation and disposal requirements. While there may be potential to locate a wash pad on the east side of the facility, installation of the sand/oil/water separation facilities would be very difficult given the limited site area. Given there is vacant land surrounding the NDOT site, it may be possible to acquire additional area if needed. According to USDA soil surveys, the soils in this area may be suitable for standard leach field design. Soil percolation rates and seasonal groundwater determinations would need to be made prior to design. A new VWP at this site would most likely require an upgrade to a water storage tank and pressure pump to ensure adequate supply. Since vehicles from this facility and the Ruby Valley location currently drive to a commercial truck wash site in Wells for cleaning, a VWP installation should be considered for one of the two sites (see comments for Ruby Valley).

Wash Pad Considerations

Type of wash: There is no wash pad at this location.

Water source: Onsite well with pressure tanks/ Reportedly 10 – 15 gpm supply from the onsite well.

Sanitary sewer: No municipal sewer. The homes, shop office restrooms associated with this facility currently utilize onsite sewage disposal systems consisting of septic tank and leach fields. According to the United States Department of Agriculture, Natural Resources Conservation Service's Soil Survey for this region, the soils tend to be silty/loamy soil resulting in a percolation rates that may be suitable for standard leach field design.

MS4 permit compliant: N/A (no existing VWP)

Structural controls: None observed

Proximity to waterways: There are no waterways in proximity (>30 miles away) that are on the 303(d) list or have established TMDLs.

Other observations:

- Small yard fenced, minimal space for a wash pad facility
- If a wash pad goes in, need better bollards around fueling island
- Needs hose layout rack
- Onsite staff expressed an interest in an equipment shed
- Consider east side of yard for site expansion

- A new VWP at this site would most likely require an upgrade to a water storage tank and pressure pump to ensure adequate supply.

NDOT Maintenance Facility: Ely **Assessment Date:** June 25, 2014

NDOT Representative(s): Eric Trujillo

Stantec Representative(s): Mike Wilkin

Overview of Existing Facility: The existing wash pad is located in the NE section of the Ely facility. The wash pad is served from a municipal supply and is reported to have adequate supply and pressure for the existing spray station and truck fill downspout. The spray station consists of a 360 degree spray bar facility and hand held hose. The spray bar area is shielded on each side to prevent overspray into the yard. The facility is located on a concrete apron with sufficient drainage to keep the surrounding area clear of excess water and ice. The wash pad apron does not drain evenly though, and there are areas of the wash pad that tend to collect sand from the vehicles. Also, the apron drains to a concrete collection ditch that subsequently drains to the storm sewer system, i.e. roadside ditch, along Avenue D; this discharge is non-compliant with NDOT's MS4 Permit. There are no provisions for sand/water separation or water/oil separation prior to discharge. Installation of an SOI with discharge to the sanitary sewer system is recommended and appears viable based upon conversations with Ely staff.

Wash Pad Considerations

***Type of wash*:** Existing facility utilizes a drive through spray bar.

***Wash pad drainage*:** Ultimately flows into the municipal storm sewer drainage along Avenue D.

MS4 permit compliant: No

***Structural controls*:** Informal only. The wash pad water flows to concrete pad for basic settling then subsequently to an unlined basin that ultimately flows into roadside ditch. Fiber rolls have been staked in to provide some filtration of flow into the unlined basin

***Condition of pavement*:** Degraded

Water source: Municipal water supply is onsite. According to the City of Ely Water and Sewer Department, there is an existing 1 ½"water service to the NDOT property. Water pressure is reportedly 75 psi in the vicinity. There is a 6" main in E. Aultman to the south and an 8" main in Avenue D to the north. Should there be a need to add a water service to accommodate an improved wash pad, connection fees range from $12,500 for a 2" service to $49,000 for a 4" service. Staff at the City of Ely has indicated the City would be amenable to discussing the connection fees.

***Sanitary sewer*:** The existing NDOT facility has municipal sanitary sewer service. There is an 8" collection line in the East side of 15th Street and a 10" collection line in the alley behind the shop buildings on the westerly side of the site. Pre-treatment will be required for the wash pad drainage prior to discharge to the sanitary sewer system. A sediment settling basin and SOI should be adequate for this location.

***Proximity to waterways*:** There are no waterways in proximity (>6 miles away) that are on the currently approved 303(d) list or have established TMDLs. Drainage does not flow into a listed waterway or a waterway with an established TMDL.

***Other observations*:**

- Needs sand trap
- Needs SOI – locate west side of ramp
- Freezing has bucked some concrete
- Need to connect discharge to sanitary sewer

NDOT Maintenance Facility: Eureka **Assessment Date:** July 30, 2014

NDOT Representative(s): Clyde Oram, Supervisor I; John Schweble, Highway Maintenance Worker IV; and Luciano "Louie" Echegaray, Highway Maintenance Manager District III

Stantec Representative(s): Terri Svetich

Overview of Existing Facility: There is no wash pad at this location. The small footprint of this maintenance facility is a constraint to constructing a full wash pad facility. Currently, equipment washing operations are not conducted; it is reportedly performed at the Eureka County's equipment washing facility. The NE corner of the site is currently used for storage. It may be possible to relocate the stored materials and utilize that area for a wash pad facility. Based upon conversations with Eureka County, it appears to be viable to obtain municipal water and sewer service to accommodate a wash pad installation. A detailed evaluation and analysis of site space constraints would need to be conducted prior to undertaking design to determine if a VWP facility would be feasible at this location.

Northeast corner of the facility currently used for storage.

Wash Pad Considerations

***Type of wash*:** There is no vehicle wash pad at this location. Again, NDOT staff report using Eureka County's wash pad facilities but are considering going to Wells to utilize the commercial truck wash facilities.

Water source: Municipal water to the site is provided by Eureka County. There is an existing 1" meter that supplies the facility. There is an 8" PVC main in Main Street (Hwy 50) along the front of the property. According to Eureka County staff, the pressure is 75 psi. If there is a need to add a water service to accommodate a wash pad, an application would need to be filed with Eureka County, and staff would then determine the costs for materials and labor for service installation.

Existing water meter is just outside the fence of the maintenance yard off of Main St.

Sanitary sewer: Municipal sewer service to this facility is provided by Eureka County. There is an 8" collection line in Main Street (Hwy 50) along the front of the property. Pre-treatment will be required for the wash pad drainage prior to discharge to the sanitary sewer system. A sediment settling basin and SOI should be adequate.

***MS4 permit compliant*:** N/A (no existing VWP)

Structural controls: There an existing SOI that receives drainage from maintenance bays and discharges to municipal sewer. Based upon the conversations with Eureka County, sewer service would be available.

***Proximity to waterways*:** There are no waterways in proximity (>13 miles away) that are on the 303(d) list or have established TMDLs.

Other observations: None noted.

NDOT Maintenance Facility: Las Vegas **Assessment Date:** July 10, 2014

NDOT Representative(s): Ernie Hinojosa (702) 667- 4580 and Dean Mosher (702) 385-6517

Stantec Representative(s): Mike Wilkin

Overview of Existing Facility: Two sites were assessed at this location. For the purposes of this narrative they have been labeled "A" and "B" as shown in the photograph below. VWP –A discharges directly into the MS4 and its use has been prohibited. VWP-B utilizes a hand held hose and nozzle system for vehicle washing and drains to the sanitary sewer via a sand/oil interceptor. Municipal water and sanitary sewer is already available onsite. It appears there is sufficient land available to expand the wash pad facilities to meet regulations.

Wash Pad Considerations

The existing VWP-A is too small and discharges into the MS4 without treatment.

VWP-A; Use of this wash bay is prohibited by NDOT

VWP-B; VWP-B in use (discharge to sand/oil interceptor and sanitary sewer)

***MS4 permit compliant*:** VWP-A is not compliant with the MS4 permit and therefore is not in use per NDOT staff. VWP-B discharges treated water into the sanitary sewer however the site should be improved to ensure all drainage is captured.

***Structural controls*:** There is no settling basin. However, there are existing trench drains and a sand/oil interceptor, with a monitoring port. It is not known if all of the wash area drainage goes through the SOI.

Trench Drain

Sand/Oil Separator

***Condition of pavement*:** Some areas are in poor condition, particularly the asphalt concrete areas. Areas paved with Portland cement concrete appear to be in good condition.

Water source: Municipal water supply – meter size and pressure undetermined.

Sanitary sewer: Municipal sanitary sewer is available. Pre-treatment will be required for the wash pad drainage prior to discharge to the sewer system. A sediment settling basin and SOI should be adequate.

***Proximity to waterways*:** VWP-A (not in use) drains into the Las Vegas/Clark County MS4, which empties to the Las Vegas Wash. The Las Vegas Wash is on the State's 303(d) list as impaired for TDS, boron and selenium. There is not an established TMDL for the Las Vegas Wash. Effluent from VWP-B goes into the sanitary sewer.

Other observations: Because of the small area and elevation it would be difficult to add sedimentation and an SOI to bring VWP-A into compliance. VWP-B is a more likely site for improvements.

NDOT Maintenance Facility: Lovelock **Assessment Date:** June 24, 2014

NDOT Representative(s): Will Barter (775) 834-8310

Stantec Representative(s): Mike Wilkin

Overview of Existing Facilities: There is no designated wash pad at this location. Any washing that takes place is hand wash with a hose on the southeast corner of the yard. Drainage leaves the site and enters the Lovelock MS4; this discharge is non-compliant with NDOT's MS4 Permit. There are no structural controls to address the drainage, but temporary BMPs are utilized. Municipal water and sewer is available. However, there is insufficient space for the installation of a full VWP and required sand/oil/water separation facilities. A detailed evaluation and analysis would need to be conducted prior to design to determine if a VWP facility would be feasible at this location or possibly at an off-site location.

Wash Pad Considerations

Type of wash: No formal wash pad area. Hand wash with hose. Staff noted that they currently wash vehicles at Fernley or Fallon.

***Wash pad drainage*:** The informal wash area discharges to the Lovelock MS4, which ultimately discharges into Toulon Lake (as confirmed by Pershing County/City of Lovelock).

***MS4 permit compliant*:** No

***Structural controls*:** None observed. Temporary BMPs, gravel bags have been placed at the perimeter of the hand washing area by staff.

Water source: Municipal water supply already available on site. Staff indicated supply and pressure is acceptable. There is a 6"main in Grinnel Avenue to the west, an 8" in 6th Street to the south and an 8" in Franklin Avenue to the east. Pressure at the site is approximately 64 psi. The site is served by a 2" meter. If additional water connection is required, connection fees range from $2,500 for a ¾" to $7,000 for a 2" meter. A meter size larger than 2" will have a connection fee based on projected water use.

Sanitary sewer: Stantec attempted contact with the local sewer utility on multiple occasions but was unsuccessful in receiving accurate data concerning the sanitary sewer information for this location. Municipal sewer service may be available but accessibility would need to be confirmed. Pre-treatment will be required for wash pad drainage prior to discharge to the sanitary sewer system. A sediment settling basin and oil/water interceptor should be adequate.

***Proximity to waterways*:** The Lovelock Maintenance Facility is over a mile from the Humboldt River. Under the current 303(d) list the reach of the Humboldt River adjacent to Lovelock (NV04-HR-07-C_00) is listed as impaired for iron and TDS. There are no approved TMDLs for this reach.

***Other observations*:**

- Lacks adequate yard space for installation of a full wash pad facility
- Lights on current area reported to be sufficient
- Another potential VWP site in the near proximity was mentioned by staff but was not identified. This could provide a feasible alternative to trying to utilize the existing site.

NDOT Maintenance Facility: Mina **Assessment Date:** July 8, 2014

NDOT Representative(s): Sam Compton (775) 573-2333

Stantec Representative(s): Mike Wilkin

Overview of Existing Facility: There are no wash pad facilities at this location. It may be possible to situate a wash pad in the NE corner of this facility. There is an existing 1" municipal water service provided by Hawthorne Utilities. A new VWP installation would warrant an upgrade of the municipal water service. Based upon communication with Hawthorne Utilities, a larger water service could be provided. Existing sanitary sewer services for the maintenance shop is via an onsite sewage disposal system. Groundwater disposal may be viable for a VWP discharge. Specific soil percolation rates and seasonal high groundwater would need to be determined for disposal considerations. For the discharge to groundwater, application to NDEP would be necessary for consideration of coverage under the General Permit GU07NT. A detailed evaluation and analysis would need to be conducted prior to design to determine if a VWP facility would be feasible at this location.

Northeast corner of the property

Wash Pad Considerations

***Type of wash*:** No existing wash pad

***Water source*:** There is an existing 1"water service to the NDOT facility provided by Hawthorne Utilities. The water main in front of the property along Hwy 95 is a 2" line. A wash pad would warrant an increased service to accommodate the flows needed. Based upon communication with Hawthorne Utilities, a larger water service could be provided. The connection fee would be premised upon equivalent single family residential demand and pursuant to their fee schedule.

***Sanitary sewer*:** A septic system with leach field is in place for maintenance shop. It appears viable to utilize a leach field to accommodate wash pad effluent for groundwater discharge. However, according to the United States Department of Agriculture, Natural Resources Conservation Service's Soil Survey for this region, there is a tendency for sands and gravels resulting in a percolation rate that is too rapid to accommodate a standard leach field design. If this is the case, an engineered system could be incorporated into the design.

***MS4 permit compliant*:** N/A (no existing VWP)

***Proximity to waterways*:** There are no impaired waters within 30 miles of the site and they are in a different hydrographic basin.

Other observations: None

NDOT Maintenance Facility: North Fork **Assessment Date:** June 24, 2014

NDOT Representative(s): Chuck Sollenberg (775) 756-5522

Stantec Representative(s): Mike Wilkin

Overview of Existing Facility: There is no municipal sewer or water available at this site. Existing facilities are serviced with an onsite sewage disposal system and water well. Wash facilities consist of a hand held hose and nozzle. There is no spray bar/nozzle assembly, and there is not adequate water supply to support one. It appears the VWP drainage is sufficient and flows to a sand water settling basin and a 2,000 gallon SOI. The treated wash pad discharge goes to a leach field for groundwater disposal. Discharge to groundwater is covered by the existing General Permit (GU07NT). This site is experiencing surface degradation of the concrete wash pad surface and should be considered for replacement. Otherwise NDOT staff feels the existing facilities are adequate and meet their needs.

Wash Pad Considerations

***Type of wash*:** Hand held hose and nozzle. There is an overhead boom for filling water trucks.

***Wash pad drainage*:** Groundwater discharge via a settling basin and SOI (covered under the existing groundwater General Permit GU07NT).

***MS4 permit compliant*:** Yes

***Structural controls*:** There is a settling basin with an overflow to a 2,000 gallon SOI.

There is also a 1,000 gallon SOI on the property to accommodate discharges from the maintenance shop.

***Condition of pavement*:** Degraded - spalling of concrete on the wash pad surface, but appears structurally sound. Recommended for replacement.

Water source: Water supply is provided for with an onsite well. The water supply pressure and volume was reported to be acceptable for the existing wash pad.

***Sanitary sewer*:** Municipal sewer service is not available. Sewage disposal for the existing maintenance facilities and homes are by onsite disposal systems. This facility meets disposal requirements.

***Proximity to waterways*:** The facility is less than a quarter mile from the North Fork of the Humboldt River. This reach (NV04-NF-17-B) is on the 303(d) list for total phosphorus. There are no TMDLs for this reach.

Other observations:

- NDOT staff onsite at the time of the inspection noted the facility functions acceptably.

NDOT Maintenance Facility: Reno **Assessment Date:** September 25, 2014

NDOT Representative(s): Karin West

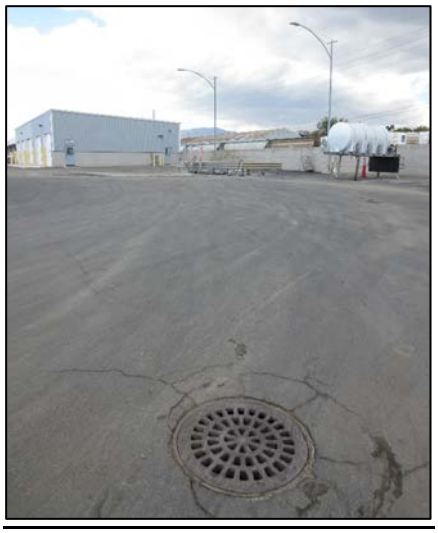
Stantec Representative(s): Terri Svetich

Overview of Existing Facility: This site has an existing wash pad that has all of the components to meet regulatory requirement except an adequately sized wash pad. The majority of the wash water from the wash pad flows to a settling basin which overflows into a sand/oil separator. The discharge goes to sanitary sewer. However, the wash pad area is too small for some of the washing operations; consequently, some wash water flows off the pad and into the storm sewer system; this discharge is non-compliant with NDOT's MS4 Permit. The Truckee River is less than 1,000 feet from this location. Given these issues, modification to the existing wash pad is warranted to fully meet the regulatory requirements and NDOT needs. There is sufficient space to expand the wash pad facilities; municipal water and sanitary sewer service is available.

Existing Wash Pad Considerations

***Type of wash*:** Hand held hose and nozzle wash system.

***Wash pad drainage*:** The majority of the wash water goes into the sanitary sewer via sedimentation and a SOI. However, due to wash pad size and grading, there is some drainage that flows off of the pad. Under some conditions, this flow can make it to drop inlets and into the storm sewer system, which ultimately discharges into the Truckee River via the City of Sparks conveyance system.



Storm Drain inlet SE of Wash Pad

Storm Drain Inlet SW of Wash Pad

***MS4 permit compliant*:** No

***Structural controls*:** There is an existing settling basin with an overflow to a sand/oil separator. The discharge goes to sanitary sewer. Based upon City of Sparks, Pretreatment Division, these structural controls adequately meet the pretreatment standards for discharge into the sanitary sewer.

Sediment settling basin

Settling Basin overflow

Sand Oil Separator

***Condition of pavement*:** Fair – The wash pad area is approximately 1500 ft^2

***Water source*:** Municipal water supply is provided by the Truckee Meadows Water Authority (TMWA). NDOT staff expressed the water supply has adequate pressure for current needs.

***Sanitary sewer*:** Municipal sanitary sewer is provided by the City of Sparks.

***Proximity to waterways*:** The facility is situated less than 1,000 feet from the Truckee River. At this location the Truckee River (NV06-TR-03_00) is listed on the 303(d) list as impaired for temperature. East of Reno, the Truckee River has established TMDLs for TDS, TP and total nitrogen (TN).

***Other observations*:** NDOT staff onsite at the time of the inspection expressed this facility gets very icy during winter operations and is a slip hazard. Lighting needs to be improved at this location.

NDOT Maintenance Facility: Ruby Valley **Assessment Date:** June 23, 2014

NDOT Representative(s): Renee Duffy (775) 591-0445

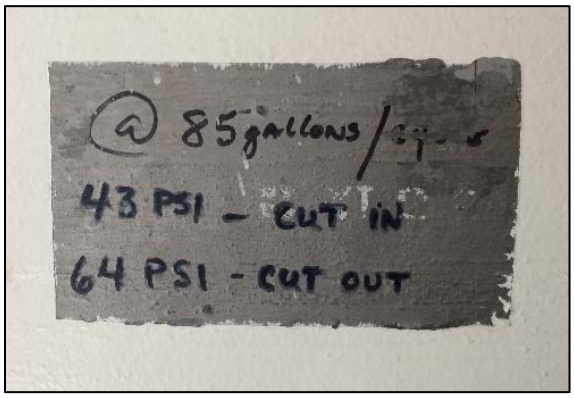
Stantec Representative(s): Mike Wilkin

Overview of Existing Facility: There is no existing wash pad at this location. Potentially, a wash pad and associated facilities could be located along the east side of the property. The existing maintenance facilities and shop buildings are serviced by an onsite water well and two septic/leach field disposal systems. Due to the well's limited water supply, this site will only accommodate a hand held hose and nozzle wash system. Installation of sand/oil/water separation facilities would be required for a new VWP with groundwater discharge. A previous NDOT investigation into constructing a wash pad at Ruby Valley revealed the soil percolation rates to be acceptable for a leach field. The seasonal high groundwater was at 4.5 feet below ground surface, therefore, a standard leach field could not be utilized. An engineered mound system could potentially be constructed to accommodate the treated wash pad discharge. A detailed evaluation would need to be conducted to make a final determination as to whether a VWP facility would be feasible at this location. Since vehicles from this facility and the Currie location currently drive to a commercial truck wash site in Wells for cleaning, a VWP installation should be considered for one of the two sites. (See comments for Currie) This site appears to be the more logical of the two because of the larger area for siting a VWP.

Wash Pad Considerations

***Type of wash*:** No existing wash pad. There is an existing stand pipe with water supply.

***Water source*:** Onsite well and pressure tank.



Sanitary sewer: Municipal sewer service is not available. There are two existing onsite sewage disposal systems (i.e., septic and associated leach fields). According to provided site drawings, there is a 500 gallon septic tank and a 1,000 gallon septic tank serving the existing buildings. The locations of the disposal fields were not shown on the drawings.

Septic Tank access lids

***MS4 permit compliant*:** N/A (no existing VWP)

***Structural controls*:** None

SW corner of the facility

Looking north from the eastern edge of the facility

NW corner of the facility

SW corner of the facility

***Proximity to waterways*:** There are no impaired waters within the sub-watershed.

Other observations: As noted on the Currie site assessment, from a proximity standpoint it appears that either Ruby Valley or Currie should be chosen for a new wash pad site. Of the two, Ruby Valley appears to have more space and better existing conditions to accommodate a new VWP.

NDOT Maintenance Facility: Searchlight **Assessment Date:** July 8, 2014

NDOT Representative(s): Dale Smith (702) 595-6683

Stantec Representative(s): Mike Wilkin

Overview of Existing Facility: There is no existing wash pad at this site. Site personnel report that they drive one hour or more to wash trucks at the Decatur & I-215 (S. Maintenance yard) in Las Vegas. There is existing municipal water service to the site but no municipal sanitary sewer service. Las Vegas Valley Water District (LVVWD) is responsible for the water supply and has expressed a larger water service could be provided. Existing sanitary sewer for the maintenance shop is via an onsite sewage disposal system. If a VWP were to be installed, site personnel indicate the north corner of the property may be available. Groundwater disposal may be viable for a VWP discharge. It appears there is a tendency for sands and gravels in this region, resulting in a percolation rate that may be too rapid to accommodate a standard leach field design. If this is the case, an engineered system could be incorporated into the design. Specific soil percolation rates and seasonal high groundwater would need to be determined for disposal considerations. For the discharge to groundwater, application to NDEP would be necessary for consideration of coverage under the General Permit GU07NT. A detailed evaluation and analysis would need to be conducted prior to design to determine if a VWP facility would be feasible at this location.

Northeast corner of the property

Wash Pad Considerations

***Type of wash*:** No existing wash pad

***Water source*:** There is a 1" water service to the site and an 8" main in Hwy 164 along the front of the lot. According to Las Vegas Valley Water District (LVVWD) staff, pressure at the site is approximately 88 psi. The water meter for the site is across Hwy 95 from the yard; the service line crosses underneath Hwy 95 to serve the yard. If it is determined another service is required to accommodate a wash pad or to relocate the existing service, connection and installation fees are per LVVWD's schedule for the Searchlight area.

Sanitary sewer: Septic and leach field - No municipal sewer service. According to the United States Department of Agriculture, Natural Resources Conservation Service's Soil Surveys for this region, it appears there is a tendency for sands and gravels resulting in a percolation rate that is too rapid to accommodate a standard leach field design. If this is the case, an engineered system could be incorporated into the design.

***MS4 permit compliant*:** N/A (no existing VWP)

***Structural controls*:** None observed

***Proximity to waterways*:** Nearest impaired water is Lake Mohave which is approximately 11 miles east of the facility.

Other observations:

- The vehicles from this site are currently driven to Las Vegas at a reported one hour each way, for washing.
- It may be possible to install a new VWP on the NW corner of the yard.

NDOT Maintenance Facility: Virginia City **Assessment Date:** July 8, 2014

NDOT Representative(s): Chuck Sollenberg (775) 756-5522

Stantec Representative(s): Mike Wilkin

Overview of Existing Facility: There is an existing overhead boom and hose/nozzle set up that is used to wash vehicles in the SW corner of the yard, but there is no specific VWP. There are also no structural controls onsite to provide basic treatment or prevent runoff. Wash water drains off-site overland to a natural drainage area. This site needs to have proper disposal facilities installed to meet regulatory requirements. There is municipal water service to the site. Sanitary sewer service is available by connection to the Virginia City sewer system; connection to the Gold Hill system is unavailable due to capacity issues. A more detailed evaluation and analysis would need to be conducted if design is initiated.

Wash Pad Considerations

Type of wash: Spray hose and overhead boom

***Wash pad drainage*:** Offsite to a natural drainage. It appears the VWP drainage leaves the site in a natural drainage and may combine with other drainage terminating a pond at an old mine site.

***MS4 permit compliant*:** No

***Structural controls*:** No structures to treat the wash pad drainage were noted. Temporary BMPs (straw waddles) were placed around sand stockpiles.

***Condition of pavement*:** Asphalt concrete - appears to be in poor condition.

***Water source*:** Water service is through a municipal water system. There is a ¾" meter service to the office that is fed by a 6" main on C St. The wash area and brine mixing area are fed by a 4" line that stubs into the back of the site. Pressure in the vicinity is approximately 70 psi. Connection fee for water is $4,100.

***Sanitary sewer*:** While Virginia City does have a municipal sewer system, it is believed the existing facility is on a septic system. In discussion with Storey County staff, the 6" collector line on the west side of C Street along the east (front) of the site drains to the Gold Hill treatment area, which at this time is at capacity and is not allowing any further connections. There is an 8" sewer collector line on the west side of C Street that may potentially drain to the Virginia City municipal wastewater treatment plant. The facility could potentially utilize this line for sanitary sewer service. The connection fee for sanitary sewer service is $4,800. Pre-treatment will be required for the wash pad drainage prior to discharge to the sanitary sewer system. A sediment settling basin and oil/water interceptor should be adequate.

***Proximity to waterways*:** Wash pad discharge does not enter a listed waterway (nearest impaired water is Virginia Creek which is in a completely separate drainage approximately 1.2 miles away).

***Other observations*:** None noted.

NDOT Maintenance Facility: Wells **Assessment Date:** June 23, 2014

NDOT Representative(s): Tom Pearson (775) 777-2700

Stantec Representative(s): Mike Wilkin

Overview of Existing Facility: The existing wash pad facility has an overhead spray bar that was manufactured by staff which can be attached to a boom when desired. When the spay bar is not in use, the facility would employ a hose and nozzle for vehicle washing. There is an existing settling basin and sand/oil separator but is not in use due because it discharges to the storm sewer system; this type of discharge is non-compliant with NDOT's MS4 Permit. Drainage currently flows to a ditch but needs to go to the sanitary sewer. Vehicles are currently being washed at a commercial washing facility at the cost of $60 - $90 each wash (reported by NDOT staff). It appears that this site would be a likely candidate for improvements as the site could be retrofitted to direct the discharge to municipal sanitary sewer. However, connection to the municipal sewer is questionable. The City of Wells' staff has expressed concern with regard to treatment capacity and impacts from wash pad pollutants. If connection to municipal sewer is not allowed, groundwater disposal could be investigated. A more detailed evaluation and analysis would need to be conducted if design is initiated.

Wash Pad Considerations

***Type of wash*:** Hose and nozzle with potential overhead spray bar

***Wash pad drainage*:** Existing settling basin and SOI empties into the storm drain system along Shoshone Avenue. The wash pad is currently not in use.

***MS4 permit compliant*:** No

Structural controls: There is a settling basin with an overflow to a 2,000 gallon SOI. These facilities are not in use as they drain to an open ditch and has been identified as being in non-compliance. Connection to the municipal sewer system should be examined since the relative loading to the over capacity Wells WWTP would be the same. That is, that the wastewater generated is simply shifted from the local commercial wash facility to the NDOT yard, keeping the relative flow rate to the WWTP the same.

***Condition of pavement*:** Poor in some locations.

Water source: Municipal water service is presently available at the site. According to staff at the City of Wells, the existing wash pad is served by a 3" meter. There is an 8" water main in the alley along the easterly side of the site. Pressure in the vicinity is approximately 52 psi. If an additional service is required to accommodate a VWP, the connection fee ranges from $6,250 for a 2" service to $8,000 for a 4" service.

Sanitary sewer: There is an 8" collector in the alley along the easterly side of the site. According to City of Wells staff, a connection for sewer service is $2,000, however, they further expressed concern with regard to treatment plant capacity and impacts from wash pad pollutants. Pre-treatment would be required for the wash pad drainage prior to discharge to the sanitary sewer system. In this case, a settling basin and SOI may or may not be adequate to provide the necessary treatment to accommodate the City's sewage treatment lagoon needs.

***Proximity to waterways*:** The Humboldt River is approximately a mile away and listed as impaired for iron and total phosphorus (TP).

Other observations:

- Connecting this site to the sanitary sewer or septic system could return this VWP to service.
- Improvements to the spray bar and installation of nozzles would improve service.

NDOT Maintenance Facility: Winnemucca **Assessment Date:** June 24, 2014

NDOT Representative(s): Jim Arbonies (775) 623-8013

Stantec Representative(s): Mike Wilkin

Overview of Existing Facility: There is an existing vehicle wash pad utilizing a boom and spray hose. Drainage flows to a settling basin which overflows to a sand/oil separator then to the municipal sanitary sewer, meeting the regulatory requirements for the wash water disposal. The wash pad concrete is somewhat degraded, however according to onsite facility staff, there is sufficient pad size and slope to accommodate proper drainage of wash water to the treatment units. Municipal water is onsite and reportedly provides sufficient supply and pressure to the wash pad. Improvements are not needed at this time to meet the needs of NDOT and regulatory requirements.

Wash Pad Considerations

***Type of wash*:** Boom with spray hose and nozzle

***Wash pad drainage*:** Following treatment (sedimentation and SOI) into Winnemucca's municipal sanitary sewer system.

***MS4 permit compliant*:** Yes

Structural controls: Sediment basin and SOI.

***Condition of pavement*:** Poor (cracks, pits and holes)

Water source: According to the Winnemucca Public Works Department, there is a 4" water main located in Fourth Street. It is believed the existing facility water service is off of the main in Fourth Street near the office building. The static water pressure is reported to be around 95 psi.

Sanitary sewer: Winnemucca Public Works reported the NDOT facility is connected to the sewer collection line in West Fourth Street. The existing pre-treatment consists of a settling basin and SOI and is considered to be adequate. There are no utility as-built drawings for this area. It is believed the sewer line is ether an 8" or 6" AC pipe in Fourth St. There is also 8" sewer located in Hanson St.

***Proximity to waterways*:** Winnemucca is adjacent to the Humboldt River (NV04-HR-04_00) which is listed on the current 303(d) list as impaired for iron, mercury in fish tissue and turbidity.

Other observations: The metal wash rack/walkway and hose drainage equipment are in good shape and reported to be functional for continued use.

Appendix B: Estimated Costs

(Improvements for each Wash Pad)

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad Assessments**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	ETS
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Battle Mountain		$ 350,000
2	Carson City		$ 370,000
3	Contact	(no improvements anticipated)	$ -
4	Currie	(Wash Pad Facilities recommended at either Currie or Ruby Valley if determined to be feasible)	$ -
5	Ely		$ 315,000
6	Eureka		$ 350,000
7	Las Vegas		$ 321,000
8	Lovelock		$ 386,000
9	Mina		$ 387,000
10	North Fork		$ 81,000
11	Reno		$ 78,000
12	Ruby Valley		$ 374,000
13	Searchlight		$ 382,000
14	Virginia City		$ 335,000
15	Wells		$ 96,000
16	Winnemucca	(no improvements anticipated)	$ -
		TOTAL	$ 3,825,000

Wash Pad installation Estimate	$ 3,825,000.00

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Battle Mountain**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 20,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 42,000
3	Furnish & Install Site Piping		$ 44,000
4	Install Sand Settling Retention Basin		$ 30,000
5	Install Oil/Water Separator/Coalescing Filter		$ 10,000
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ 83,000
	Subtotal		$ 234,000
8	Estimating Contingency	35%	$ 82,000
9	Design Engineering	15%	$ 34,000
	Wash Pad installation Estimate		**$ 350,000**

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Carson City**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 20,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 56,000
3	Furnish & Install Site Piping		$ 44,000
4	Install Sand Settling Retention Basin		$ 30,000
5	Install Oil/Water Separator/Coalescing Filter		$ 9,000
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ 83,000
	Subtotal		$ 247,000
8	Estimating Contingency	35%	$ 86,000
9	Design Engineering	15%	$ 37,000
	Wash Pad installation Estimate		**$ 370,000**

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2011.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Contact**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	**Insurance, Bonds, Mobilization & Demobilization**		$ -
2	**Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment**		$ -
3	**Furnish & Install Site Piping**		$ -
4	**Install Sand Settling Retention Basin**		$ -
5	**Install Oil/Water Separator/Coalescing Filter**		$ -
6	**Paving**		$ -
7	**Furnish & Install Electrical**		$ -
	Subtotal		$ -
8	**Estimating Contingency**	**35%**	$ -
9	**Design Engineering**	**15%**	$ -
		Wash Pad installation Estimate	$ -

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2011.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Currie**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	**Insurance, Bonds, Mobilization & Demobilization**		$ -
2	**Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment**		$ -
3	**Furnish & Install Site Piping**		$ -
4	**Install Sand Settling Retention Basin**		$ -
5	**Install Oil/Water Separator/Coalescing Filter**		$ -
6	**Paving**		$ -
7	**Furnish & Install Electrical**		$ -
	Subtotal		$ -
8	**Estimating Contingency**	**35%**	$ -
9	**Design Engineering**	**15%**	$ -
		Wash Pad installation Estimate	$ -

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Ely**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 20,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 40,000
3	Furnish & Install Site Piping		$ 26,000
4	Install Sand Settling Retention Basin		$ 30,000
5	Install Oil/Water Separator/Coalescing Filter		$ 6,000
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ 83,000
	Subtotal		$ 210,000
8	Estimating Contingency	35%	$ 74,000
9	Design Engineering	15%	$ 31,000
		Wash Pad installation Estimate	$ 315,000

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Eureka**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 20,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 45,000
3	Furnish & Install Site Piping		$ 44,000
4	Install Sand Settling Retention Basin		$ 30,000
5	Install Oil/Water Separator/Coalescing Filter		$ 6,000
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ 83,000
	Subtotal		$ 233,000
8	Estimating Contingency	35%	$ 82,000
9	Design Engineering	15%	$ 35,000
		Wash Pad installation Estimate	$ 350,000

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Las Vegas**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 20,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 27,000
3	Furnish & Install Site Piping		$ 44,000
4	Install Sand Settling Retention Basin		$ 29,000
5	Install Oil/Water Separator/Coalescing Filter		$ 6,000
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ 83,000
	Subtotal		$ 214,000
8	Estimating Contingency	35%	$ 75,000
9	Design Engineering	15%	$ 32,000
		Wash Pad installation Estimate	$ 321,000

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Lovelock**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 20,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 57,000
3	Furnish & Install Site Piping		$ 44,000
4	Install Sand Settling Retention Basin		$ 40,000
5	Install Oil/Water Separator/Coalescing Filter		$ 8,000
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ 83,000
	Subtotal		$ 257,000
8	Estimating Contingency	35%	$ 90,000
9	Design Engineering	15%	$ 39,000
		Wash Pad installation Estimate	$ 386,000

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Mina**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 20,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 45,000
3	Furnish & Install Site Piping		$ 19,000
4	Install Sand Settling Retention Basin		$ 29,000
5	Install Oil/Water Separator/Coalescing Filter		$ 57,000
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ 83,000
	Subtotal		$ 258,000
8	Estimating Contingency	35%	$ 90,000
9	Design Engineering	15%	$ 39,000
		Wash Pad installation Estimate	$ 387,000

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - North Fork**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 10,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 39,000
3	Furnish & Install Site Piping		$ -
4	Install Sand Settling Retention Basin		$ -
5	Install Oil/Water Separator/Coalescing Filter		$ -
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ -
	Subtotal		$ 54,000
8	Estimating Contingency	35%	$ 19,000
9	Design Engineering	15%	$ 8,000
	Wash Pad installation Estimate		$ 81,000

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Reno**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 10,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 42,000
3	Furnish & Install Site Piping		$ -
4	Install Sand Settling Retention Basin		$ -
5	Install Oil/Water Separator/Coalescing Filter		$ -
6	Paving		$ -
7	Furnish & Install Electrical		$ -
	Subtotal		$ 52,000
8	Estimating Contingency	35%	$ 18,000
9	Design Engineering	15%	$ 8,000
	Wash Pad installation Estimate		$ 78,000

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Ruby Valley**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 20,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 35,000
3	Furnish & Install Site Piping		$ 19,000
4	Install Sand Settling Retention Basin		$ 30,000
5	Install Oil/Water Separator/Coalescing Filter		$ 60,000
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ 83,000
	Subtotal		$ 252,000
8	Estimating Contingency	35%	$ 88,000
9	Design Engineering	15%	$ 34,000
		Wash Pad installation Estimate	$ 374,000

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2011.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Searchlight**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 20,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 54,000
3	Furnish & Install Site Piping		$ 44,000
4	Install Sand Settling Retention Basin		$ 40,000
5	Install Oil/Water Separator/Coalescing Filter		$ 9,000
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ 83,000
	Subtotal		$ 255,000
8	Estimating Contingency	35%	$ 89,000
9	Design Engineering	15%	$ 38,000
		Wash Pad installation Estimate	$ 382,000

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Virginia City**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 20,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ 20,000
3	Furnish & Install Site Piping		$ 19,000
4	Install Sand Settling Retention Basin		$ 29,000
5	Install Oil/Water Separator/Coalescing Filter		$ 48,000
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ 83,000
	Subtotal		$ 224,000
8	Estimating Contingency	35%	$ 78,000
9	Design Engineering	15%	$ 33,000
		Wash Pad installation Estimate	$ 335,000

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Wells**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	Insurance, Bonds, Mobilization & Demobilization		$ 20,000
2	Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment		$ -
3	Furnish & Install Site Piping		$ 39,000
4	Install Sand Settling Retention Basin		$ -
5	Install Oil/Water Separator/Coalescing Filter		$ -
6	Paving		$ 5,000
7	Furnish & Install Electrical		$ -
	Subtotal		$ 64,000
8	Estimating Contingency	35%	$ 22,000
9	Design Engineering	15%	$ 10,000
		Wash Pad installation Estimate	$ 96,000

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Stantec Engineering

PROJECT: **NDOT Maintenance Yard Wash Pad - Winnemucca**
OWNER: NDOT
JOB NUMBER: P472-12-013

DESCRIPTION: ENGINEERS OPINION OF PROBABLE COST FOR VEHICLE WASH PAD, WASH WATER TREATMENT, AND DISPOSAL

DATE CREATED:	9/29/2014
DATE UPDATED:	
DATE PRINTED:	3/2/2015
PREPARED BY:	MSW
CHECKED BY:	MSW
CURRENT ENR [2]:	**9,870**
CONSTRUCTION YEAR:	**2015**
ADJUSTED ENR [3]:	**10,196**

ITEM NO.	DESCRIPTION		Installed Totals
1	**Insurance, Bonds, Mobilization & Demobilization**		$ -
2	**Furnish & Install Wash Pad, water supply Piping & Spray Bar and Equipment**		$ -
3	**Furnish & Install Site Piping**		$ -
4	**Install Sand Settling Retention Basin**		$ -
5	**Install Oil/Water Separator/Coalescing Filter**		$ -
6	**Paving**		$ -
7	**Furnish & Install Electrical**		$ -
	Subtotal		$ -
8	**Estimating Contingency**	**35%**	$ -
9	**Design Engineering**	**15%**	$ -
		Wash Pad installation Estimate	$ -

Notes:
1. Current ENRCCI is the 20 Cities ENRCCI for September 2014.
2. Adjusted ENRCCI is projected (assuming 3.3% annual inflation for construction costs) to the midpoint of construction scheduled for 2015.

Appendix C: General Permit GU07NT

STATE OF NEVADA
DIVISION OF ENVIRONMENTAL PROTECTION
AUTHORIZATION TO INJECT/DISCHARGE

General Permit GU07NT

In compliance with the provisions of the Nevada Revised Statutes (NRS 445A) and the Nevada Underground Injection Control Regulations (NAC 445A.810 through 445A.925), the Nevada Department of Transportation is authorized to discharge waste water to groundwater of the State of Nevada in accordance with requirements and other conditions set forth in Parts I and II hereof.

Permit Number:	**GU07NT-50____**
Permittee: Permittee Address:	**Nevada Department of Transportation** **1263 South Stewart Street** **Carson City, NV 89712**
Property Owner:	**State of Nevada, Nevada Department of Transportation**
Reporting Frequency:	**Annually by September 30th**
Type of Sampling Required:	**Water and Flow Sampling per Table 2** **Sludge per Part I.D.2**
Description of Permitted Facilities:	**NDOT Light-use Maintenance Stations**
Permit originally issued:	**November, 2008** **(Note: Some facilities originally permitted under GNV9800001)**
Fee due:	**With Notice of Intent (NOI) and Annually by July 1st**
Initial requirements:	**Within ninety (90) days of initial operation, submit water quality sampling results per Table 1**

Facility Information:

Facility Name_____
Facility Location_____
Legal Description_____
Total Number of Drainfields_____
Total Number of Pre-treatment Devices_____
Type of Activities at Facility
☐Light Vehicle Repair
☐Vehicle Wash
☐Other_____
☐No Vehicle Repair

This permit was issued on **November 12, 2008**. The effective date for the facility above is: _____
This permit shall expire at midnight five (5) year from the issued date, and will be renewed by NDEP.

_____ Signed this _____ day of _____
UIC Staff
Bureau of Water Pollution Control

PART I

I.A Permit Objective

The objective of this permit is to authorize discharge from:

1. existing pre-treatment devices for motor vehicle waste disposal wells (MVWDWs)[1] that were in operation or under construction on or before April 5, 2000; and

2. existing and/or proposed pre-treatment devices at vehicle wash pads not meeting the definition of MVWDWs

at Nevada Department of Transportation light-use[2] maintenance stations throughout the State of Nevada to groundwater of the State of Nevada via either:

a. A subsurface fluid distribution system (leachfield); or
b. Surface infiltration basin(s).

The primary contaminants at these locations are oil, grease, other petroleum products and sediment. This permit ensures the implementation of a Best Management Practice (BMP) Plan to properly manage on-site storage and use of potential pollutants that cannot be treated by the pre-treatment device(s) so they do not enter the waste stream; to minimize the pollutant concentrations before discharge enters the pre-treatment device; and to ensure appropriate maintenance of the pre-treatment device(s) to minimize re-suspension of trapped pollutants.

[1] According to NAC 445A.8282, a "motor vehicle waste disposal well (MVWDW)" is a "well that receives or has received fluids from the repair and maintenance of vehicles, including, without limitation, fluids from an auto body repair shop, an automotive repair shop, a new or used car dealership, a specialty repair shop or any other facility that repairs or maintains vehicles."

[2] light-use maintenance stations are those used for infrequent, minor repairs.

I.B Eligibility, Request for Inclusion, and Initial Sampling Requirements

I.B.1 Any Nevada Department of Transportation light-use[2] maintenance station discharging to a motor vehicle waste disposal well (MVWDW)[1] through a pre-treatment device is eligible for coverage under this permit if:

i. The pre-treatment device is discharging to groundwater of the State of Nevada;
ii. The pre-treatment device was operational or under construction on or before April 5, 2000 (NAC 445A.856);
iii. There is no public or community sewage system available within four hundred (400) feet of the facility's nearest property line (NAC 444.786);
iv. There is no commingling of discharge related to this permit with sanitary wastes;
v. The facility does not allow the use of degreasers or emulsifiers and prohibits engine and undercarriage washing;
vi. The facility only uses detergents that are approved for use with the pre-treatment device that are biodegradable, free of solvents and pre-approved by the Division;
vii. There is at least a five foot separation between the bottom of the subsurface fluid distribution system and/or surface infiltration basin and seasonal groundwater;
viii. The surface infiltration basin is not a vertical well (i.e. a well that is deeper than it is wide) in excess of six feet below ground surface; and
ix. The non-floating liquid phase of the discharge sampled from the second chamber, outfall or sampling port of the pre-treatment device meets discharge limits set forth in Part I.B.7.

I.B.2 Any Nevada Department of Transportation light-use[2] maintenance station discharging from an existing or proposed vehicle wash pad (without a MVWDW[1]) through a pre-treatment device is eligible for coverage under this permit if:

i. The pre-treatment device is discharging to groundwater of the State of Nevada;
ii. There is no public or community sewage system available within four hundred (400) feet of the facility's nearest property line (NAC 444.786);
iii. There is no commingling of discharge related to this permit with sanitary wastes;
iv. The facility does not allow the use of degreasers or emulsifiers and prohibits engine and undercarriage washing;
v. The facility only uses detergents that are approved for use with the pre-treatment device that are biodegradable, free of solvents and pre-approved by the Division;
vi. There is at least a five foot separation between the bottom of the subsurface fluid distribution system and/or surface infiltration basin and seasonal groundwater;
vii. The surface infiltration basin(s) is not a vertical well (i.e. a well that is deeper than it is wide) in excess of six feet below ground surface; and
viii. The non-floating liquid phase of the discharge sampled from the second chamber, outfall or sampling port of the pre-treatment device meets discharge limits set forth in Part I.B.7.

I.B.3. Any Nevada Department of Transportation light-use[2] maintenance station that is discharging to an existing motor vehicle waste disposal well (MVWDW[1]) through a pre-treatment device that was operational or under construction by April 5, 2000 **and** is discharging from an existing or proposed vehicle wash pad (without a MVWDW[1]) through a pre-treatment device is eligible for coverage under this permit if all eligibility requirements listed under I.B.1 and I.B.2 above are met.

I.B.4 The Nevada Department of Transportation is required to request inclusion of all eligible proposed facilities by filing a Notice of Intent (NOI) and filing fee with the Nevada Department of Environmental Protection (Division) no later than thirty (30) days before a new discharge is expected to occur. Within ninety (90) days of initial operation, a sample shall be taken, analyzed for the constituents listed in Table 1, with the results submitted to the Division.

I.B.5 For existing facilities with applicable discharges **that are not currently permitted under permit GNV9800001**, coverage under this permit will take effect after the NOI, sampling results required in Table 1, Best Management Practice (BMP) Plan required under I.F.1 and filing fee are submitted to and approved by the Division.

I.B.6 For existing facilities that are currently authorized to discharge under general permit GNV9800001, coverage under this permit will take effect after a cover letter with facility name and location, sampling results required in Table 1, and a contingency plan as required under I.F.1.l are submitted to and approved by the Division. An additional filing fee is not required.

I.B.7 The pre-treatment device discharge shall be analyzed for the constituents listed in Table 1 by a laboratory Certified by the State of Nevada. The non-floating liquid phase of the discharge shall be sampled from the second chamber, outfall or sampling port of the pre-treatment device. **Samples are required to be unfiltered and preserved appropriately; with analysis methods clearly stated on reports.** The liquid portion must be analyzed as a water sample with the appropriate EPA method listed in Table 1. If constituents analyzed exceed discharge limits listed in Table 1, the Division shall determine whether the facility is eligible for inclusion under this general permit. If the facility is determined ineligible for inclusion under this general permit, an individual permit may be required.

Table 1: Constituents required to be sampled to verify eligibility

Constituent	Discharge Limit (MCL or background)[1] (mg/L)	EPA Method (Analyze liquid as a water sample; analyze sludge by TCLP method)
Antimony	0.006 or background[1]	200.8*
Arsenic	0.010 or background[1]	200.8*
Barium	2 or background[1]	200.8*
Beryllium	0.004 or background[1]	200.8*
Cadmium	0.005 or background[1]	200.8*
Chromium	0.10 or background[1]	200.8*
Lead	0.015** or background[1]	200.8*
Mercury	0.002 or background[1]	200.8* or 245.1
Thallium	0.002 or background[1]	200.8*
Total Dissolved Solids (TDS)	Monitor & report	160.1
Electrical Conductivity	Monitor & report	
Turbidity	Monitor & report	180.1
Ethylene glycol	Monitor & report	8015b
Volatile Organic Compounds (65 compounds per 8260B method) including: Benzene Toluene Ethylbenzene Xylene MTBE	MCLs 0.005 1 0.7 10 0.020 or 0.2***	8260B
Total Petroleum Hydrocarbons (TPH-gas, TPH-diesel, and TPH-oil)	25	8015b

[1] Discharge limits for all facilities covered under this permit are federal or state drinking water standards (maximum contaminant levels) unless the Permittee has demonstrated a background concentration for one or more inorganic constituents that was reviewed by and approved by the Division at the time of NOI submittal per I.B.7.

* If EPA Method 200.8 can't be used by the laboratory, see EPA's Approved Methods for Inorganic Chemicals and Other Contaminants at http://www.epa.gov/safewater/methods/analyticalmethods.html. Detection limits must be at least a low as primary or secondary drinking water standards where applicable.

** The limit for lead is a health advisory limit, the limits for MTBE are site-specific target levels, and the other limits are Maximum Contaminant Levels (MCLs) set by the U.S. EPA and adopted by the state of Nevada.

***Discharge limit is 0.020 mg/l for sites within 1000 feet of receptors and/or sensitive environments or 0.2 mg/L for sites with incomplete exposure pathways (based on NDEP Oxygenated Fuel Corrective Action Guidance Document, 10/98.)

I.B.8 The Permittee may submit water quality sampling results from the on-site source of influent to the pretreatment system (i.e. an onsite production well or purveyor-provided water) at any facility to demonstrate an existing background concentration of any inorganic constituent(s) listed in Table 1. This information must be submitted with the NOI to be considered to replace the discharge limit(s) listed in Table 1 with existing background concentration(s). The Division will review this information and determine if sufficient evidence exists to establish specific background concentration(s) for the facility.

I.B.9 The Division may require the holder of a general permit to apply for and obtain an individual permit in accordance with NRS 445A.480.

I.C Effluent Limitations and Design Requirements

I.C.1 Discharge to groundwater of the State of Nevada under this permit shall not exceed

federal or state primary and/or enforceable secondary drinking water standards listed in Table 2, unless background concentrations have been established for any inorganic constituent(s) for any facility as delineated under I.B.7. Should exceedances to the discharge limits occur for one or more constituent(s), the contingency plan required under I.F.1 shall be implemented within thirty (30) days to remedy the conditions creating the exceedance. **Follow-up monitoring of the exceeded constituents shall be required within ninety (90) days of the original exceedence date.** If exceedances continue in follow-up monitoring, the Division may require changes to the pre-treatment device and/or the BMP plan required under I.F.1 or may at that time determine that the facility is no longer eligible for coverage under this permit.

I.C.2 The use of detergents or emulsifiers at the facility is prohibited unless written approval is obtained from the Division. The use of certain emulsifiers and or detergents will reduce the efficiency of the pre-treatment device. Detergents that are manufactured specifically for use with the pre-treatment device do not require written approval. The Permittee shall submit to the Division the manufacturer's product information, which clearly indicates compatibility with the use of the pre-treatment device.

I.C.3 Discharge of solvents and other hazardous materials to the pre-treatment device is prohibited. If these materials are used at the facility in a manner that could result in these compounds entering the pre-treatment device, an individual permit is required.

I.C.4 Per NAC 445A.850, there shall be no injection of a fluid which degrades the physical, chemical or biological quality of the aquifer into which the fluid is injected.

I.C.5 There shall be no objectionable odors from the pre-treatment device or discharge area.

I.C.6 For proposed facilities, the pre-treatment device shall be designed with a bypass mechanism to prevent flushing of the pre-treatment device during high storm flows, if applicable.

I.C.7 If effluent from the pre-treatment device is discharged to a subsurface fluid distribution system, the disposal area must be designed according to current commercial septic regulations. Design plans must be stamped by a State of Nevada registered professional engineer and approved by the Division prior to issuance of coverage under the general permit. The Division must review all changes to the approved plans.

I.C.8. The Permittee shall post a sign at the facility in clear view of users that states: "Emulsifier and solvent use prohibited at this facility per State of Nevada Regulations. Only biodegradable detergents are allowed. No engine or undercarriage washing allowed. Dumping of other materials prohibited. This facility drains to groundwater. To report illicit dumping, please call 1-888-331-NDEP (6337)."

I.D Annual Monitoring and Reporting Requirements

I.D.1 **Water Quality:** During the period beginning on the effective date of this permit, and lasting until the permit expires; the discharge shall be limited and monitored quarterly and annually for the constituents/parameters listed in Table 2 below. The non-floating liquid phase of the discharge shall be sampled from the second chamber, outfall or sampling port of the pre-treatment device and the liquid portion shall be analyzed as a water sample utilizing the EPA method listed in Table 2. **Samples are required to be unfiltered and preserved appropriately, with analysis methods clearly stated on reports.** Detection limits must be at least as low as primary or secondary drinking water standards where applicable. Samples shall be analyzed by a laboratory Certified by the State of Nevada and results shall be submitted **annually by September 30th** with the Monitoring Report.

Table 2: Constituents/Parameters required to be sampled or monitored

Constituent	Discharge Limit (mg/L)	Method (Analyze liquid as a water sample; analyze sludge by TCLP method)	Sample Frequency
Monthly Discharged Volume	Monitor & report	Estimate, and report monthly totals on annual report	Monthly
Electrical Conductivity	Monitor & report	SM2510 B	Quarterly
Total Dissolved Solids (TDS)	Monitor & report	160.1	Annually
Ethylene glycol	Monitor & report	8015b	Annually
Total Petroleum Hydrocarbons (TPH-gas, TPH-diesel, and TPH-oil)	25	8015b	Annually

I.D.2 **Sludge Quality:** Sludge removed from the pre-treatment device must be disposed of in a manner approved by the Division and County in which the facility is located. A copy of all analyses of the sludge performed as required by the disposal facility (i.e. TCLP 7 or TCLP 11, TPH- purgeable and/or extractable) shall be submitted to the Division **annually by September 30th** with the Monitoring Report.

I.D.3 **Annual Monitoring Reports:** Monitoring results shall be submitted in a report due **annually by September 30th**. Samples and measurements taken as required herein shall be representative of the nature and volume of the monitored discharge. Analysis shall be performed by a State of Nevada certified laboratory. Results from this lab, including Chain of Custody forms, shall accompany the Annual Monitoring Report. A signed copy of these, and all other reports required herein, shall be submitted to the State of Nevada at the following address:

Division of Environmental Protection
Bureau of Water Pollution Control
Attn: UIC Compliance Coordinator
901 S. Stewart Street, Suite 4001
Carson City, NV 89701

I.E Inspection, Maintenance and Sludge Disposal Requirements

I.E.1 **Required Inspections:** Inspection of pre-treatment device(s) for accumulated sludge, debris and sediment must be performed **at least quarterly.** Inspections shall also be performed after major storm events (one inch of rain or more within any twenty-four hour time period) if the pre-treatment system collects storm water. Inspection, cleaning, spills and other maintenance activities must be documented on the facility-specific NDOT form. Records of the required inspections on the facility-specific NDOT forms shall be submitted to the Division along with the Monitoring Report **annually by September 30th**, will be maintained on-site, and made available for review upon request by the Division.

I.E.2 **Required Maintenance:** Should any quarterly inspection indicate that the pre-treatment device is due for pumping per manufacturer and/or NDOT recommendations; the pre-treatment device shall be pumped within sixty (60) days of the inspection. Inspection, cleaning, spills and other maintenance activities must be documented on facility-specific NDOT forms and shall be submitted to the Division along with the Monitoring Report **annually by September 30th**, will be maintained on-site, and made available for review upon request by the Division.

I.E.3. **Required Disposal Practices:** The pre-treatment device shall be cleaned as often as necessary to maintain efficiency per manufacturer and/or NDOT recommendations. Sludge removed from the pre-treatment device must be disposed of in a manner approved by the Division and the county in which the facility is located. A copy of all analyses of the sludge performed as required by the disposal facility (i.e. TCLP 7 or TCLP 11, TPH- purgeable and/or extractable) shall be submitted to the Division **annually by September 30th** with the

Monitoring Report. Should the sludge classify as hazardous waste during the waste determination procedure, it shall be carried and disposed of in accordance with all applicable federal and state regulations regarding hazardous waste.

I.F Best Management Practice (BMP) Plan

I.F.1 A BMP plan must be prepared for each facility in accordance with good engineering practice and be submitted with the NOI for Division approval. The BMP plan must contain, at a minimum, the following components:

a. Site maps;
b. Description of location, facility and drainage system;
c. General housekeeping practices;
d. Inspection and maintenance schedule;
e. Hazardous material storage, handling and disposal;
f. Spill prevention and control;
g. Employee training;
h. Identification of other treatment or source control practice designed; to reduce contamination of surface runoff;
i. Implementation schedule for any new BMPs;
j. List of any solvents or detergents with the potential to impact the pre-treatment device;
k. Sampling protocol;
l. Contingency plan; including, at a minimum, a protocol to respond to any exceedences of the discharge limits of the permit with an investigation of cause of exceedence(s) and a report to NDEP within ninety (90) days of the original exceedence(s) with an explanation as to the probable cause and steps that will be taken to remediate the problem; and
m. A description of all activities that occur at the facility. Based on these activities, describe the specific maintenance needs and requirements for the facility.

PART II

II.A. General Management Requirements

II.A.1. **Annual Fee**

Permittees shall remit an annual fee in accordance with NAC 445A.268 to the Division on or before **July 1st** of each year that the Permittee is authorized to discharge under this permit.

II.A.2. **Test Procedures, Additional Monitoring and Records Retention**

i. Samples and measurements taken as required herein shall be representative of the volume and/or nature of the subject of interest. Test Procedures for the analyses of required constituents shall comply with applicable analytical methods cited and described in tables IA - IE of 40 CFR part 136 or in appendix III of 40 CFR part 261, under which such procedures may be required, unless the Administrator approves other procedures. A laboratory certified by the State of Nevada must perform all analyses conducted pursuant to permit requirements

ii. For each measurement or sample taken pursuant to the requirements of this permit, the Permittee shall record the following information:

a. exact place, date, and time of sampling;
b. dates the analyses were performed;
c. person(s) who performed the analyses;
d. analytical techniques or methods used;
e. results of all required analyses; and
f. precision and accuracy of the analytical data.

iii. If the Permittee performs any monitoring in addition to what is required by this permit, using approved analytical methods and laboratories as specified above, the results of that monitoring shall be included in the next annual report submitted to the Division.

iv. All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation, shall be retained by the Permittee for a minimum of three years, or longer if required by the Administrator.

v. All laboratory analyses conducted in accordance with this permit must have detection limits at or below applicable federal and state discharge standards.

II.A.3. **Change in Discharge**

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit. Any anticipated facility expansions, or treatment modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new application or, if such changes will not violate the effluent limitations specified in this permit, by notice to the permit issuing authority of such changes. Any changes to the permitted treatment facility must comply with Nevada Administrative Code NAC 445A.283 to 445A.285. Pursuant to NAC 445A.263, the permit may be modified to specify and limit any pollutants not previously limited.

II.A.4. **Facilities Operation**

The Permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities, collection systems or pump stations installed or used by the Permittee to achieve compliance with the terms and conditions of this permit.

II.A.5. **Adverse Impact**

The Permittee shall take all reasonable steps to minimize any adverse impact to receiving waters resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

II.A.6. **Noncompliance, Unauthorized Discharge, Bypassing and Upset**

i. Any diversion, bypass, spill, overflow or discharge of treated or untreated wastewater from wastewater treatment or conveyance facilities under the control of the Permittee is prohibited except as authorized by this permit. In the event the Permittee has knowledge that a diversion, bypass, spill, overflow or discharge not authorized by this permit is probable, the Permittee shall notify the Division immediately.

ii. The Permittee shall notify the Division within twenty-four (24) hours of any diversion, bypass, spill, upset, overflow or release of treated or untreated discharge other than

that which is authorized by the permit. A written report shall be submitted to the Administrator within five (5) days of diversion, bypass, spill, overflow, upset or discharge, detailing the entire incident including:

1. time and date of discharge;
2. exact location and estimated amount of discharge;
3. flow path and any bodies of water which the discharge reached;
4. specific cause of the discharge; and
5. preventive and/or corrective actions taken.

iii. The following shall be included as information which must be reported within 24 hours: any unanticipated bypass which exceeds any effluent limitation in the permit; any upset which exceeds any effluent limitation in the permit; and violation of a limitation for any toxic pollutant or any pollutant identified as the method to control a toxic pollutant.

iv. The Permittee shall report all instances of noncompliance not reported under Part II.A.6.ii. at the time monitoring reports are submitted. The reports shall contain the information listed in Part II.A.6.iib.

v. An "upset" means an incident in which there is unintentional and temporary noncompliance with the permit effluent limitations because of factors beyond the reasonable control of the Permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

vi. In selecting the appropriate enforcement option, the Division shall consider whether or not the noncompliance was the result of an upset.

vii. The burden of proof is on the Permittee to establish that an upset occurred. In order to establish that an upset occurred, the Permittee must provide, in addition to the information required under Part II.A.6.ii. above, properly signed contemporaneous logs or other documentary evidence that:

1. The facility was at the time being properly operated as required in paragraph II.A.4. above; and
2. All reasonable steps were taken to minimize adverse impacts as required by paragraph II.A.5 above.

II.B. RESPONSIBILITIES

II.B.1. **Right of Entry**

The Permittee shall allow the Administrator and/or his authorized representatives, upon the presentation of credentials:

i. to enter upon the Permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and

ii. at reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to perform any necessary sampling to determine compliance with this permit or to sample any discharge.

II.B.2. **Transfer of Ownership or Control**

In the event of any change in control or ownership of facilities from which the authorized discharge emanates, the Permittee shall notify the succeeding owner or controller of the existence of this permit, by letter, a copy of which shall be forwarded to the Administrator. ALL transfer of permits shall be approved by the Division.

II.B.3. **Availability of Reports**

Except for data determined to be confidential under NRS 445A.665, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the office of the Division. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in NRS 445A.710.

II.B.4. **Furnishing False Information and Tampering with Monitoring Devices**

Any person who knowingly makes any false statement, representation, or certification in any application, record, report, plan or other document filed or required to be maintained by the provisions of NRS 445A.300 to 445.730, inclusive, or by any permit, rule, regulation or order issued pursuant thereto, or who falsifies, tampers with or knowingly renders inaccurate any monitoring device or method required to be maintained under the provisions of NRS 445A.300 to 445A.730, inclusive, or by any permit, rule, regulation or order issued pursuant thereto, is guilty of a gross misdemeanor and shall be punished by a fine of not more than $10,000 or by imprisonment. This penalty is in addition to any other penalties, civil or criminal, provided pursuant to NRS 445A.300 to 445A.730, inclusive.

II.B.5. **Penalty for Violation of Permit Conditions**

Nevada Revised Statutes NRS 445A.675 provides that any person who violates a permit condition is subject to administrative and judicial sanctions as outlined in NRS 445A.690 through 445A.705.

II.B.6. **Permit Modification, Suspension or Revocation**

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

i. violation of any terms or conditions of this permit;
ii. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or a change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

II.B.7. **Toxic Pollutants**

Notwithstanding Part II.B.6.above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established for a toxic pollutant or contaminant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the Permittee so notified.

II.B.8. **Liability**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable federal, state or local laws, regulations, or ordinances.

II.B.9. **Property Rights**

The issuance of this permit does not convey any property rights, in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

II.B.10. **Severability**

The provisions of this permit are severable, and if any provision of this permit, or the application of any provisions of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

II.C. OTHER REQUIREMENTS

II.A.1. **Permit Reissuance**

The Permittee will be included in the reissued permit after this permit expires, or will be informed of other permitting requirements. The Permittee will receive public notice if the Division determines to reissue the permit.

II.A.2. **Signatures required on application and reporting forms**

i. Application and reporting forms submitted to the department must be signed by one of the following:

1. A principal executive officer of the corporation (of at least the level of vice president) or his authorized representative who is responsible for the overall operation of the facility from which the discharge described in the application or reporting form originates;
2. A general partner of the partnership;
3. The proprietor of the sole proprietorship; or
4. A principal executive officer, ranking elected official or other authorized employee of the municipal, state or other public facility.

ii. Each application must contain a certification by the person signing the application that he is familiar with the information provided, that to the best of his knowledge and belief the information is complete and accurate and that he has the authority to sign and execute the application.

iii. **Changes to Authorization**. If an authorization under paragraph b. of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph b. of this section must be submitted to the Division prior to or together with any reports, information, or applications to be signed by an authorized representative.

Attachment A: Monitoring Report Summary and Check List for GU07NT
Please submit this completed form with every monitoring report for each facility
One check list required for each permitted facility under GU07NT

- Please check to ensure all items required by the permit are in the report.
- Check off each item below that is in the report.

1._____**Water Quality Monitoring:**
The results of the chemical analyses required by Table 2 from Permit Part I.D.1 below, performed in that reporting period, including copies of original lab reports from a laboratory Certified by the State of Nevada and Chain of Custody forms.

Table 2: Constituents/Parameters required to be sampled or monitored

Constituent	Discharge Limit (mg/L)	Method (Analyze liquid as a water sample; analyze sludge by TCLP method)	Sample Frequency
Monthly Discharged Volume	Monitor & report	Estimate, and report monthly totals on annual report	Monthly
Electrical Conductivity	Monitor & report	SM2510 B	Semi-annually, taken in same two months every year
Total Dissolved Solids (TDS)	Monitor & report	160.1	Annually
Ethylene glycol *	Monitor & report	8015b	Annually
Total Petroleum Hydrocarbons (TPH-gas, TPH-diesel, and TPH-oil)	25	8015b	Annually

* After September 2009 ethylene glycol sample, NDOT may request to have this sampling reduced to once every five years. NDOT must receive written NDEP approval prior to change.

2. _____**Sludge Quality Monitoring:**
A copy of all analyses of the sludge performed as required by the disposal facility (i.e. TCLP 7 or TCLP 11, TPH- purgeable and/or extractable) shall be submitted to the Division **annually by September 30th** with the Monitoring Report.

3._____**Facility-specific NDOT Forms with Inspection, Maintenance and Disposal Information:**
The documentation as detailed in Part I.E of quarterly or greater inspections of pre-treatment device; documentation of spills during the reporting period; cleaning and disposal documentation including manifests of disposal; and other maintenance activities.

4. Yes No Any changes to the facility or discharge system during the year?

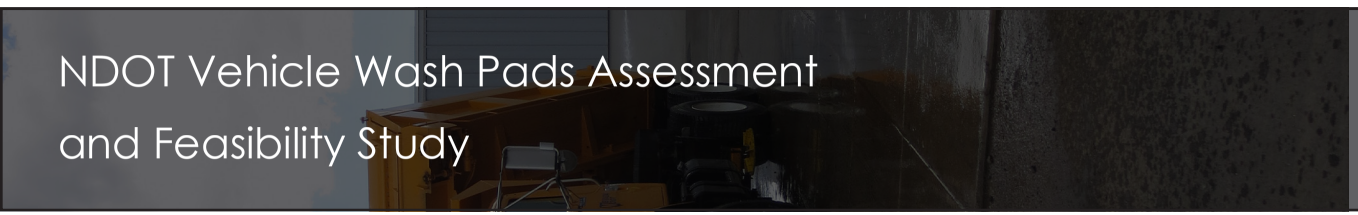
If yes, explain: _____

5. Yes No Any incidents or spills that effected discharge system?

If yes, explain: _____

Revised _____ Date _____

Nevada Department
of Transportation



NDOT Vehicle Wash Pads Assessment and Feasibility Study

Feb 2015

Nevada Department of Transportation

APPENDIX L

Major and Minor Maintenance Facility Listing and Summary of Top Three FPPP Non-Compliance Issues

Table L-1. NDOT Major and Minor Facility Listing

Facility Name	Route	County	Milepost	Type	District
Las Vegas North Maintenance Station	SR-578	Clark	0.5	Major	1
Las Vegas South Maintenance Station	Loop Rd.	Clark	Off-System	Major	1
Tonopah Maintenance Station	US-6	Nye	1.8	Major	1
Mt. Charleston Maintenance Station	SR-157	Clark	5.1	Minor A	1
Searchlight Maintenance Station	SR-164	Clark	18.6	Minor A	1
Mountain Springs Maintenance Station	SR-160	Clark	21.3	Minor A	1
Glendale Maintenance Station	SR-169	Clark	24.2	Minor A	1
Flamingo Maintenance Yard	US-95	Clark	74.5	Minor A	1
Old Indian Springs Maintenance Station	US-95	Clark	123.3	Minor A	1
Goldfield Maintenance Station	US-95	Esmeralda	19.5	Minor A	1
Alamo Maintenance Station	US-93	Lincoln	39.0	Minor A	1
Panaca Maintenance Station	SR-319	Lincoln	52.0	Minor A	1
Montgomery Pass Maintenance Station	US-6	Mineral	8.4	Minor A	1
Mina Maintenance Station	US-95	Mineral	15.7	Minor A	1
Big Smokey Maintenance Yard	SR-376	Nye	53.4	Minor A	1
Beatty Maintenace Station	US-95	Nye	59.9	Minor A	1
Blue Jay Maintenance Yard	US-6	Nye	65.8	Minor A	1
Material Pit CL09-04	US-95	Clark	1.0	Minor B	1
Blue Diamond Material Pit CL69-01	SR-159	Clark	1.3	Minor B	1
Charleston Peak Rd. Material Storage/Stockpile Area	SR-157	Clark	4.9	Minor B	1
Material Storage/Stockpile Area	SR-157	Clark	12.0	Minor B	1
Material Pit CL32-02	SR-164	Clark	15.4	Minor B	1
Material Pit CL09-03	US-95	Clark	15.8	Minor B	1
Material Pit CL09-01	US-95	Clark	18.0	Minor B	1
Material Pit CL47-03	SR-160	Clark	26.9	Minor B	1
Material Pit CL47-04	SR-160	Clark	37.8	Minor B	1
Material Pit CL11-06	US-95	Clark	52.0	Minor B	1
99 Material Pit CL18-02	US-95	Clark	98.8	Minor B	1
Material Pit ES01-01	US-6	Esmeralda	3.3	Minor B	1
Material Storage/Stockpile Area	US-6	Esmeralda	11.0	Minor B	1
Material Storage/Stockpile Area	US-6	Esmeralda	14.2	Minor B	1
Material Storage/Stockpile Area	US-6	Esmeralda	15.2	Minor B	1
Coaldale Junction US95@ US6	US-6	Esmeralda	19.0	Minor B	1
Silverpeak Material Pit ES04-01	US-95	Esmeralda	24.5	Minor B	1
Cottontail Lida Juct. /US 95 @SR-266 Material Storage/Stockpile Area	SR-266	Esmeralda	40.0	Minor B	1
Material Pit LA07-02	SR-376	Lander	2.6	Minor B	1

Facility Name	Route	County	Milepost	Type	District
End Section Storage/Stockpile Area	SR-376	Lander	17.3	Minor B	1
Material Pit CC23306	SR-318	Lincoln	4.0	Minor B	1
District Boundary Material Storage/Stockpile Area	SR-318	Lincoln	43.7	Minor B	1
Mixing Pad	SR-319	Lincoln	53.0	Minor B	1
Cathedral Gorge Material Storage/Stockpile Area	US-93	Lincoln	111.7	Minor B	1
Dutch John Stockpile Area Material Pit CC020119	US-93	Lincoln	171.0	Minor B	1
Material Pit MI06-02	US-6	Mineral	6.2	Minor B	1
Material Storage/Stockpile Area	US-6	Mineral	12.0	Minor B	1
Mina Material Pit MI01-04	US-95	Mineral	15.5	Minor B	1
Finger Rock Material Storage/Stockpile Area	SR-361	Mineral	20.2	Minor B	1
Manhattan Storage/Stockpile Area	SR-377	Nye	0.3	Minor B	1
Material Storage/Stockpile Area	SR-361	Nye	5.5	Minor B	1
Airport Sand	US-6	Nye	8.7	Minor B	1
Material Storage/Stockpile Area	SR-267	Nye	9.9	Minor B	1
Scotty's Junc./ US-95 @ SR-267 Material Storage/Stockpile Area	SR-267	Nye	12.0	Minor B	1
Material Pit NY32-03	SR-361	Nye	12.8	Minor B	1
Gabbs Intl Material Storage/Stockpile Area	SR-361	Nye	13.0	Minor B	1
Broken Hills Material Pit NY32-02	SR-361	Nye	21.5	Minor B	1
Material Storage/Stockpile Area	US-6	Nye	25.3	Minor B	1
Material Pit NY07-04	SR-160	Nye	36.3	Minor B	1
Material Storage/Stockpile Area	US-6	Nye	36.7	Minor B	1
Hadley Pablo Canyon Material Pit NY13-05	SR-376	Nye	44.9	Minor B	1
Warm Springs Storage/Stockpile Area	US-6	Nye	46.5	Minor B	1
Material Pit NY03-04	US-6	Nye	52.0	Minor B	1
Material Storage/Stockpile Area	SR-376	Nye	53.5	Minor B	1
Beatty Pit Material Pit NY08-06	US-95	Nye	58.4	Minor B	1
Material Pit NY03-05	US-6	Nye	64.4	Minor B	1
Material Pit NY05-03	US-6	Nye	99.6	Minor B	1
Material Storage/Stockpile Area	US-95	Nye	100.5	Minor B	1
Carson City Maintenance Station	FRCC04	Carson City	0.4	Major	2
Fallon Maintenance Station	SR-115	Churchill	4.5	Major	2
Reno Maintenance Yard	Galletti Way	Washoe	Off-System	Major	2
Sparks Equipment Shop	Galletti Way	Washoe	Off-System	Major	2
Oasis Pit Maintenance Yard	US-50	Carson City	7.2	Minor A	2
CC 5th Street Maintenance Yard	5th Street	Carson City	Off-System	Minor A	2
Fairview Maintenance Yard	US-50	CC	10.7	Minor A	2
Cold Springs Maintenance Station	ARCH-01	Churchill	0.0	Minor A	2

Facility Name	Route	County	Milepost	Type	District
Trento Material Storage/Stockpile Area	US-50	Churchill	13.0	Minor A	2
Fallon South Maintenance Yard (Smart Yard)	US-95	Churchill	23.3	Minor A	2
Logging Road Lane Yard (Off-System)	SR-207	Douglas	2.3	Minor A	2
Spooner Maintenance Station	US-50	Douglas	12.0	Minor A	2
Spooner East Maintenance Yard	US-50	Douglas	13.2	Minor A	2
Gardnerville Maintenance Station	US-395	Douglas	18.8	Minor A	2
Fernley Maintenance Station	SR-427	Lyon	1.0	Minor A	2
Wellington Maintenance Station	SR-829	Lyon	3.0	Minor A	2
Log Cabin Maintenance Yard	SR-339	Lyon	11.2	Minor A	2
Dayton/Lafond Maintenance Yard	US-50	Lyon	12.0	Minor A	2
Yerington Maintenance Station	SR-208	Lyon	29.0	Minor A	2
Hawthorne Maintenance Station	US-95	Mineral	49.4	Minor A	2
Lovelock North (KOA) Maintenance Yard	SR-396	Pershing	1.6	Minor A	2
Lovelock South-Stockpile Yard (105 Yard)	FRPE01-(I-80)	Pershing	16.5	Minor A	2
Lovelock Maintenance Station	Grinnel Ave	Pershing	Off-System	Minor A	2
Virginia City Maintenance Station	SR-341	Storey	2.5	Minor A	2
Virgina City Maintenance Station	SR-342	Story	2.7	Minor A	2
Incline Village Maintenance Station	SR-431	Washoe	0.1	Minor A	2
Boomtown Maintenance Yard	I-80	Washoe	4.0	Minor A	2
Winter's Ranch Maintenance Yard	SR-429	Washoe	7.4	Minor A	2
Mt. Rose Maintenance Yard	SR-431	Washoe	13.0	Minor A	2
Galena Creek Maintenance Station	SR-431	Washoe	17.3	Minor A	2
Clear Acre Maintenance Yard	I-580	Washoe	27.2	Minor A	2
Stead Maintenance Yard	US-395	Washoe	34.8	Minor A	2
Nightingale Material Storage/Stockpile Area	I-80	Churchill	4.1	Minor B	2
Gabbs Cutoff Material Storage/Stockpile Area	SR-361	Churchill	13.4	Minor B	2
Trinity Material Storage/Stockpile Area	US-95A	Churchill	22.1	Minor B	2
Dixie Valley Material Storage/Stockpile Area	US-50	Churchill	60.5	Minor B	2
Material Storage/Stockpile Area	US-95	Churchill	76.8	Minor B	2
New Pass Material Storage/Stockpile Area	US-50	Churchill	106.9	Minor B	2
Leviathan Material Storage/Stockpile Area	US-395	Douglas	8.8	Minor B	2
Upper Colony Storage Area Material Pit LY14-05	SR-208	Lyon	0.1	Minor B	2
Dayton Material Storage/Stockpile Area	SR-341	Lyon	0.6	Minor B	2
Jack Wright Storage Area/Mixing Strip	SR-208	Lyon	0.8	Minor B	2
Day Lane Material Pit LY13-01	SR-824	Lyon	3.6	Minor B	2
SR-339 Pit (Mason Pit)	SR-339	Lyon	8.3	Minor B	2
Sweetwater Mixing Strip	SR-338	Lyon	9.5	Minor B	2

Facility Name	Route	County	Milepost	Type	District
Wellington Mixing Strip	SR-208	Lyon	10.0	Minor B	2
Plumber Pit Material Storage/Stockpile Area	SR-208	Lyon	18.0	Minor B	2
Silver Springs Material Storage/Stockpile Area	US-50	Lyon	29.4	Minor B	2
Material Storage/Stockpile Area	SR-359	Mineral	7.0	Minor B	2
Material Storage/Stockpile Area	SR-359	Mineral	13.1	Minor B	2
Material Storage/Stockpile Area	SR-359	Mineral	20.5	Minor B	2
Material Storage/Stockpile Area	SR-359	Mineral	26.0	Minor B	2
Material Pit MI02-03	US-95	Mineral	29.2	Minor B	2
Material Storage/Stockpile Area	SR-359	Mineral	32.5	Minor B	2
Schurz Material Storage/Stockpile Area	US-95A	Mineral	83.2	Minor B	2
Exit 119 (Oreana) Material Storage/Stockpile Area	I-80	Pershing	31.0	Minor B	2
Imlay Material Storage/Stockpile Area (Humboldt House)	I-80	Pershing	49.9	Minor B	2
5 Mile Flat Material Storage/Stockpile Area	SR-341	Storey	9.2	Minor B	2
Geiger Grade Material Storage/Stockpile Area	SR-341	Story	6.6	Minor B	2
Geiger Grade Material Storage/Stockpile Area	SR-341	Story	7.4	Minor B	2
Hatchery Rd. Material Storage/Stockpile Area	SR-447	Washoe	8.0	Minor B	2
Whiskey Springs Material Storage/Stockpile Area	SR-445	Washoe	22.1	Minor B	2
Mt. Rose Junction Material Storage/Stockpile Area	SR-431	Washoe	23.7	Minor B	2
Tracy Clark Material Storage/Stockpile Area	I-80	Washoe	31.9	Minor B	2
Potato Patch Material Pit WA37-03	SR-447	Washoe	44.0	Minor B	2
Gerlach Maintenance Yard	SR-447	Washoe	74.0	Minor B	2
Mira Loma Material Pit WA71-01	Short Lane	Washoe	Off-System	Minor B	2
Elko Maintenance Station	Idaho St.	Elko	Off-System	Major	3
Wells Maintenance Station	Wells @ 5th	Elko	Off-System	Major	3
Winnemucca Maintenance Yard	SR-787	Humboldt	0.3	Major	3
Ely Maintenance Station	US-50	White Pine	54.3	Major	3
Wendover Maintenance Station	FR-459	Elko	0.5	Minor A	3
Independence Valley Maintenance Station	SR-226	Elko	19.6	Minor A	3
Ruby Valley Maintenance Station	SR-229	Elko	35.5	Minor A	3
Currie Maintenance Station	US-93	Elko	36.8	Minor A	3
East of Wells Material Storage/Stockpile Area	I-80	Elko	76.7	Minor A	3
North Fork Maintenance Station	SR-225	Elko	77.9	Minor A	3
Pequop Maintenance Station	FREL43	Elko	97.6	Minor A	3
Contact Maintenance Station	US-93	Elko	125.5	Minor A	3
Emigrant Pass Maintenance Station	I-80	Eureka	16.8	Minor A	3
Eureka Maintenance Station	US-50	Eureka	36.8	Minor A	3
Salvage Yard Material Storage/Stockpile Area	FRHU15	Humboldt	6.3	Minor A	3

Facility Name	Route	County	Milepost	Type	District
Paradise Valley Material Storage/Stockpile	US-95	Humboldt	22.1	Minor A	3
Orovada Maintenance Yard	US-95	Humboldt	43.5	Minor A	3
Quinn River Maintenance Yard	SR-140	Humboldt	51.8	Minor A	3
I-80 LA 4.0 Material Storage/Stockpile Area	I-80	Lander	4.0	Minor A	3
Battle Mountain Maintenance Yard	SR-304	Lander	6.6	Minor A	3
Austin Maintenance Station	US-50	Lander	24.1	Minor A	3
Old Current Maintenance Station	US-6	Nye	127.1	Minor A	3
Cosgrave Material Storage/Stockpile Area	I-80	Pershing	69.7	Minor A	3
Lund Maintenance Station	SR-318	White Pine	11.8	Minor A	3
Ely Bone Yard	US-6	White Pine	40.7	Minor A	3
Old Baker Maintenance Station	US-6	White Pine	91.5	Minor A	3
Material Storage/Stockpile Area	SR-230	Elko	0.6	Minor B	3
Material Storage/Stockpile Area	FR-28	Elko	3.8	Minor B	3
Suzie Creek Material Pit EL81-01	I-80	Elko	4.1	Minor B	3
Carlin Material Storage/Stockpiling Area	I-80	Elko	4.2	Minor B	3
Carlin Material Storage/Stockpile Area	I-80	Elko	4.2	Minor B	3
Material Storage/Stockpile Area	FR-428	Elko	4.3	Minor B	3
Material Storage/Stockpile Area	SR-228	Elko	5.9	Minor B	3
Material Storage/Stockpile Area	SR-227	Elko	7.4	Minor B	3
Material Pit EL09-01	US-93A	Elko	15.6	Minor B	3
Pilot Material Pit EL35-01	SR-233	Elko	18.5	Minor B	3
Material Storage/Stockpile Area	SR-226	Elko	19.4	Minor B	3
Material Storage/Stockpile Area	SR-228	Elko	20.3	Minor B	3
Material Storage/Stockpile Area	SR-233	Elko	20.6	Minor B	3
Material Storage/Stockpiling Area	SR-535	Elko	21.7	Minor B	3
Material Storage/Stockpile Area	SR-233	Elko	25.4	Minor B	3
Material Storage/Stockpile Area	US-93A	Elko	30.2	Minor B	3
Material Pit EL10-01	US-93A	Elko	34.0	Minor B	3
Material Storage/Stockpile Area	SR-278	Elko	35.3	Minor B	3
Material Storage/Stockpile Area	I-80	Elko	42.8	Minor B	3
Material Pit CC023692 (3C)	SR-229	Elko	43.3	Minor B	3
Material Storage/Stockpile Area	US-93	Elko	49.5	Minor B	3
Material Storage/Stockpile Area	SR-225	Elko	56.5	Minor B	3
Material Storage/Stockpile Area	SR-278	Elko	61.2	Minor B	3
Material Pit EL14-02	US-93	Elko	68.4	Minor B	3
Material Storage/Stockpile Area	SR-225	Elko	78.5	Minor B	3
Material Storage/Stockpile Area	I-80	Elko	87.3	Minor B	3

Facility Name	Route	County	Milepost	Type	District
Material Storage/Stockpiling Area	US-93	Elko	95.6	Minor B	3
Material Pit EL87-01	I-80	Elko	103.5	Minor B	3
Patsville Material Storage/Stockpile Area	SR-225	Elko	109.1	Minor B	3
Material Storage/Stockpile Area	I-80	Elko	112.0	Minor B	3
Material Pit EL16-03	US-93	Elko	116.6	Minor B	3
Dunphy Material Storage/Stockpile Area	FR 02	Eureka	2.0	Minor B	3
Material Storage/Stockpile Area	SR-306	Eureka	2.9	Minor B	3
Eureka Storage Pit	SR-278	Eureka	16.0	Minor B	3
Material Pit EU02-09	US-50	Eureka	26.2	Minor B	3
Material Pit EU02-06	US-50	Eureka	31.6	Minor B	3
Reinhart Material Storage/Stockpile Area	US-95	Humboldt	2.5	Minor B	3
Sod House Material Storage/Stockpile Area	SR-140	Humboldt	14.2	Minor B	3
Button Point Material Storage/Stockpile Area	I-80	Humboldt	23.7	Minor B	3
Golconda Summit Material Storage/Stockpile Area	I-80	Humboldt	36.0	Minor B	3
Materail Pit HU06-03	US-95	Humboldt	46.1	Minor B	3
Valmy Material Storage/Stockpile	I-80	Humboldt	53.1	Minor B	3
McDermitt Material Storage/Stockpile Area	US-95	Humboldt	71.0	Minor B	3
Thousands Creek Material Storage/Stockpile Area	SR-140	Humboldt	88.2	Minor B	3
Cedarville Material Pit HU28-01	SR-140	Humboldt	100.6	Minor B	3
Wilson Pile Material Storage/Stockpile Area (Oregon Border)	SR-140	Humboldt	109.9	Minor B	3
Austin Material Pit LA19-03	US-50	Lander	1.9	Minor B	3
Material Storage/Stockpile Area	SR-306	Lander	10.1	Minor B	3
Frog Pond Material Storage/Stockpile Area	US-50	Lander	18.0	Minor B	3
Argenta Stockpiling	I-80	Lander	19.2	Minor B	3
Big Creek Material Pit LA14-01	SR-722	Lander	39.0	Minor B	3
Silver Creek Material Pit LA08-04	SR-305	Lander	45.5	Minor B	3
Grimes Material Pit LA06-02	US-50	Lander	54.2	Minor B	3
Antelope Valley Stockpiling	SR-305	Lander	72.8	Minor B	3
Material Pit LA10-11	SR-305	Lander	109.2	Minor B	3
Material Pit NY20-01	SR-379	Nye	5.4	Minor B	3
Material Pit NY33-02	SR-318	Nye	12.0	Minor B	3
Sunnyside Rest Area Material Storage/Stockpile Area	SR-318	Nye	20.9	Minor B	3
Material Pit CC020120	US-93	White Pine	2.0	Minor B	3
Material Pit WP33-01	SR-893	White Pine	3.0	Minor B	3
Material Pit WP08-03	US-6	White Pine	3.8	Minor B	3
Material Pit WP29-01	SR-892	White Pine	4.0	Minor B	3
Material Pit WP01-05	US-50	White Pine	4.0	Minor B	3

Facility Name	Route	County	Milepost	Type	District
Material Pit WP24-02	SR-318	White Pine	7.9	Minor B	3
Baker Material Pit WP21-02	SR-487	White Pine	9.0	Minor B	3
Material Pit NV004750	SR-893	White Pine	29.0	Minor B	3
Moorman Ranch	US-50	White Pine	34.4	Minor B	3
Cedar Park Material Storage/Stockpile Area	US-6	White Pine	40.5	Minor B	3
Drum Material Pit WP01-06	US-50	White Pine	44.0	Minor B	3
El Dorado Material Pit WPCC025129	US-93	White Pine	59.0	Minor B	3
Majors Station Material Storage/Stockpile Area	US-6	White Pine	65.0	Minor B	3
Material Pit WP05-01	US-93	White Pine	71.0	Minor B	3
Material Pit WP05-04	US-93	White Pine	85.0	Minor B	3
Schellborne Station	US-93	White Pine	92.5	Minor B	3
Material Pit WP06-02 (Rear)	US-93	White Pine	108.0	Minor B	3
Material Pit WP06-03 (Front)	US-93	White Pine	108.0	Minor B	3
Lages Junction	US-93	White Pine	112.8	Minor B	3

Table L-2. Top three FPPP compliance issues noted during annual stormwater inspections.

District I			
FY 2014	Number	FY 2015	Number
Other Fluid Leaks/Spills[1]	11	Absorbent Requiring Cleanup	7
Material Stockpile BMPs	6	Material Stockpile BMPs	6
Spill Absorbent Requiring Cleanup	4	Equipment Fluid Leak	5
District II			
FY 2014	Number	FY 2015	Number
Other Fluid Leaks/Spills[1]	8	Other Fluid Leaks/Spills[1]	19
Material Stockpile BMPs	7	Material Stockpile BMPs	3
Improperly Stored Hydraulic Hoses	5	Equipment Fluid Leaks	3
District III			
FY 2014	Number	FY 2015	Number
Material Stockpiles BMPs	12	Other Fluid Leaks/Spills[1]	5
Spill Absorbent Requiring Cleanup	2	Material Stockpile BMPs	4
Other Fluid Leaks/Spills[1]	2	Wash Pad Maintenance	4

[1]Miscellaneous fluid drips, leaks, or minor spills including brine, hydraulic fluid, etc.

APPENDIX M

Maintenance Task Summaries

Table M-1. Lake Tahoe MS4 area Maintenance task summary.

Lake Tahoe MS4		
Task	**Unit of Measurement**	**Accomplishment**
Clean Culvert Openings	Each	113
Clean Culverts	Linear Ft.	432
Clean Cuts & Ditches	Yd^3	632
Repair Fill and Cut Slopes[1]	Yd^3	6,100
Clean Drop Inlets	Each	602
Clean Retention/Detention Basins	Yd^3	3
Clean Slotted Drains	Linear Ft.	-----
Remove Debris	Yd^3	233
Pick-up Trash Bags[2]	Yd^3	-----
Empty Litter Barrels	Each	-----
Pickup Broom Sweeping	Yd^3	935
Sweep/Clean Debris from Structures	Man-Hour Task	-----
Remove Storm Debris	Yd^3	166
Clean Sand/Oil Separators	Yd^3	-----
Snow and Ice Removal	Man-Hour Task	4,404
Salt	Yd^3	288
Salt/Sand	Yd^3	490
Brine	Gal.	30,404
Liquid-Chemical Anti-Icing Agent (MgCl)	Gal.	-----
Dry-Chemical Anti-Icing Agent[3]	Yd^3	-----
Treated Lane Miles (Brine)[4]	Gal.	30,984
Treated Lane Miles (MgCl)[4]	Gal.	-----
Fertilizer-Liquid	Gal.	-----
Fertilizer-Pellets	Lbs.	-----

[1]Material that is removed and then utilized onsite (i.e. recycled) or removed and hauled offsite.

[2]Trash collected as part of the Adopt-A-Highway program are incorporated within this task.

[3]Products used could be Ice Slicer RS, Sierra Blend, Broken Arrow Salt, etc.

[4]Applied as pre-treatment

Table M-2. Carson Valley MS4 area Maintenance task summary.

Carson Valley MS4		
Task	**Unit of Measurement**	**Accomplishment**
Clean Culvert Openings	Each	16
Clean Culverts	Linear Ft.	623
Clean Cuts & Ditches	Yd^3	-----
Repair Fill and Cut Slopes[1]	Yd^3	1,419
Clean Drop Inlets	Each	134
Clean Retention/Detention Basins	Yd^3	108
Clean Slotted Drains	Linear Ft.	70
Remove Debris	Yd^3	279
Pick-up Trash Bags[2]	Yd^3	0.27
Empty Litter Barrels	Each	-----
Pickup Broom Sweeping	Yd^3	429
Sweep/Clean Debris from Structures	Man-Hour Task	12
Remove Storm Debris	Yd^3	251
Clean Sand/Oil Separators	Yd^3	-----
Snow and Ice Removal	Man-Hour Task	1,230
Salt	Yd^3	79
Salt/Sand	Yd^3	239
Brine	Gal.	6,229
Liquid-Chemical Anti-Icing Agent (MgCl)	Gal.	-----
Dry-Chemical Anti-Icing Agent[3]	Yd^3	-----
Treated Lane Miles (Brine)[4]	Gal.	16,060
Treated Lane Miles (MgCl)[4]	Gal.	-----
Fertilizer-Liquid (Gallons)	Gal.	-----
Fertilizer-Pellets (Pounds)	Lbs.	-----

[1]Material that is removed and then utilized onsite (i.e. recycled) or removed and hauled offsite.

[2]Trash collected as part of the Adopt-A-Highway program are incorporated within this task.

[3]Products used could be Ice Slicer RS, Sierra Blend, Broken Arrow Salt, etc.

[4]Applied as pre-treatment

Table M-3. Elko MS4 area Maintenance task summary.

Elko MS4		
Task	**Unit of Measurement**	**Accomplishment**
Clean Culvert Openings	Each	4
Clean Culverts	Linear Ft.	-----
Clean Cuts & Ditches	Yd^3	-----
Repair Fill and Cut Slopes[1]	Yd^3	-----
Clean Drop Inlets	Each	3
Clean Retention/Detention Basins	Yd^3	-----
Clean Slotted Drains	Linear Ft.	28
Remove Debris	Yd^3	32
Pick-up Trash Bags[2]	Yd^3	150
Empty Litter Barrels	Each	-----
Pickup Broom Sweeping	Yd^3	119
Sweep/Clean Debris from Structures	Man-Hour Task	-----
Remove Storm Debris	Yd^3	5
Clean Sand/Oil Separators	Yd^3	-----
Snow and Ice Removal	Man-Hour Task	229
Salt	Yd^3	-----
Salt/Sand	Yd^3	484
Brine	Gal.	-----
Liquid-Chemical Anti-Icing Agent (MgCl)	Gal.	-----
Dry-Chemical Anti-Icing Agent[3]	Yd^3	35
Treated Lane Miles (Brine)[4]	Gal.	-----
Treated Lane Miles (MgCl)[4]	Gal.	314
Fertilizer-Liquid	Gal.	-----
Fertilizer-Pellets	Lbs.	-----

[1]Material that is removed and then utilized onsite (i.e. recycled) or removed and hauled offsite.

[2]Trash collected as part of the Adopt-A-Highway program are incorporated within this task.

[3]Products used could be Ice Slicer RS, Sierra Blend, Broken Arrow Salt, etc.

[4]Applied as pre-treatment

Table M-4. Las Vegas Valley MS4 area Maintenance task summary.

Las Vegas Valley MS4		
Task	**Unit of Measurement**	**Accomplishment**
Clean Culvert Openings	Each	2
Clean Culverts	Linear Ft.	-----
Clean Cuts & Ditches	Yd^3	20
Repair Fill and Cut Slopes[1]	Yd^3	863
Clean Drop Inlets	Each	1,109
Clean Retention/Detention Basins	Yd^3	-----
Clean Slotted Drains	Linear Ft.	221
Remove Debris	Yd^3	4,507
Pick-up Trash Bags[2]	Yd^3	-----
Empty Litter Barrels	Each	-----
Pickup Broom Sweeping	Yd^3	5,761
Sweep/Clean Debris from Structures	Man-Hour Task	578
Remove Storm Debris	Yd^3	61
Clean Sand/Oil Separators	Yd^3	-----
Snow and Ice Removal	Man-Hour Task	-----
Salt	Yd^3	-----
Salt/Sand	Yd^3	-----
Brine	Gal.	-----
Liquid-Chemical Anti-Icing Agent (MgCl)	Gal.	-----
Dry-Chemical Anti-Icing Agent[3]	Yd^3	-----
Treated Lane Miles (Brine)[4]	Gal.	-----
Treated Lane Miles (MgCl)[4]	Gal.	-----
Fertilizer-Liquid (Gallons)	Gal.	-----
Fertilizer-Pellets (Pounds)	Lbs.	-----
Las Vegas Sweeping Contract	Yd^3	702

[1]Material that is removed and then utilized onsite (i.e. recycled) or removed and hauled offsite.

[2]Trash collected as part of the Adopt-A-Highway program are incorporated within this task.

[3]Products used could be Ice Slicer RS, Sierra Blend, Broken Arrow Salt, etc.

[4]Applied as pre-treatment

Table M-5. Washoe MS4 area Maintenance task summary.

Washoe MS4		
Task	**Unit of Measurement**	**Accomplishment**
Clean Culvert Openings	Each	86
Clean Culverts	Linear Ft.	12,978
Clean Cuts & Ditches	Yd^3	25
Repair Fill and Cut Slopes[1]	Yd^3	1,925
Clean Drop Inlets	Each	1,167
Clean Retention/Detention Basins	Yd^3	1
Clean Slotted Drains	Linear Ft.	2,220
Remove Debris	Yd^3	1,714
Pick-up Trash Bags[2]	Yd^3	21
Empty Litter Barrels	Each	2
Pickup Broom Sweeping	Yd^3	2,764
Sweep/Clean Debris from Structures	Man-Hour Task	15
Remove Storm Debris	Yd^3	10
Clean Sand/Oil Separators	Yd^3	-----
Snow and Ice Removal	Man-Hour Task	2,770
Salt	Yd^3	45
Salt/Sand	Yd^3	753
Brine	Gal.	7,396
Liquid-Chemical Anti-Icing Agent (MgCl)	Gal.	-----
Dry-Chemical Anti-Icing Agent[3]	Yd^3	-----
Bridge Treatment (KCH_3COO)[4]	Gal.	13,070
Treated Lane Miles (Brine)[5]	Gal.	7,068
Treated Lane Miles (MgCl)[5]	Gal.	-----
Fertilizer-Liquid	Gal.	6,530
Fertilizer-Pellets	Lbs.	-----

[1]Material that is removed and then utilized onsite (i.e. recycled) or removed and hauled offsite.

[2]Trash collected as part of the Adopt-A-Highway program are incorporated within this task.

[3]Products used could be Ice Slicer RS, Sierra Blend, Broken Arrow Salt, etc.

[4]Applied on the bridge structures along I-580 (WA ~ 9.5 to 14.5)

[5]Applied as pre-treatment

Table M-6. Statewide MS4 area Maintenance task summary.

Statewide MS4		
Task	**Unit of Measurement**	**Accomplishment**
Clean Culvert Openings	Each	2,294
Clean Culverts	Linear Ft.	45,257
Clean Cuts & Ditches	Yd^3	23,011
Repair Fill and Cut Slopes[1]	Yd^3	250,592
Clean Drop Inlets	Each	6,316
Clean Retention/Detention Basins	Yd^3	330
Clean Slotted Drains	Linear Ft.	3,354
Remove Debris	Yd^3	22,268
Pick-up Trash Bags[2]	Yd^3	1,193
Empty Litter Barrels	Each	8,336
Pickup Broom Sweeping	Yd^3	22,287
Sweep/Clean Debris from Structures	Man-Hour Task	1,430
Remove Storm Debris	Yd^3	39,506
Clean Sand/Oil Separators	Yd^3	83
Snow and Ice Removal	Man-Hour Task	41,579
Salt	Yd^3	787
Salt/Sand	Yd^3	42,166
Brine	Gal.	78,401
Sand	Yd^3	314
Liquid-Chemical Anti-Icing Agent (MgCl)	Gal.	-----
Dry-Chemical Anti-Icing Agent[3]	Yd^3	1,364
Bridge Treatment (KCH_3COO)[4]	Gal.	13,070
Treated Lane Miles (Brine)[5]	Gal.	172,095
Treated Lane Miles (MgCl)[5]	Gal.	5,329
Fertilizer-Liquid	Gal.	7,974
Fertilizer-Pellets	Lbs.	244

[1]Material that is removed and then utilized onsite (i.e. recycled) or removed and hauled offsite.

[2]Trash collected as part of the Adopt-A-Highway program are incorporated within this task.

[3]Products used could be Ice Slicer RS, Sierra Blend, Broken Arrow Salt, etc.

[4]Applied on the bridge structures along I-580 (WA ~ 9.5 to 14.5)

[5]Applied as pre-treatment

Table M-7. Las Vegas MS4 area Maintenance herbicide summary.

Las Vegas Valley MS4		
Task	**Unit of Measurement**	**Accomplishment**
Chemical Weed Spray	Shoulder Miles	734
Alligare SMF 75	Oz.	41
Dye-Helena Spray	Oz.	83
Pendulum	Gal.	28
Round Up Pro Concentrate	Gal.	1,811
Surflan AS	Gal.	11

Table M-8. Carson Valley MS4 area Maintenance herbicide summary.

Carson Valley MS4		
Task	**Unit of Measurement**	**Accomplishment**
Chemical Weed Spray	Shoulder Miles	215
Alligare SMF 75	Oz.	4
Dimension Ultra 40 WP	Oz.	811
Telar	Oz.	5
Rodeo	Gal.	22
Round Up Pro Concentrate	Gal.	174
Spreader Activator	Gal.	1
Surfactant-Insist 90	Gal.	2

Table M-9. Lake Tahoe MS4 area Maintenance herbicide summary.

Lake Tahoe MS4		
Task	**Unit of Measurement**	**Accomplishment**
Chemical Weed Spray (Shoulder Miles)	Shoulder Miles	11
Barricade 65 WG (Pounds)	Lbs.	20
Snapshot 2.5 TG (Pounds)	Lbs.	150
Rodeo (Gallons)	Gal.	1.5
Surfactant-Insist 90 (Gallons)	Gal.	0.5
Round Up Pro Concentrate (Gallons)	Gal.	3

Table M-10. Washoe MS4 area Maintenance herbicide summary.

Washoe MS4		
Task	**Unit of Measurement**	**Accomplishment**
Chemical Weed Spray	Shoulder Miles	1,043
Barricade 65 WG	Lbs.	351
Dimension Ultra 40 WP	Oz.	10,024
Rodeo	Gal.	12
Round Up Pro Concentrate	Gal.	495
Snapshot 2.5TG	Lbs.	150
Spreader Activator	Gal.	6
Surfactant-Insist 90	Gal.	8
Weedone LV-4	Gal.	49

Table M-11. Statewide Maintenance herbicide summary.

Statewide		
Task	**Unit of Measurement**	**Accomplishment**
Chemical Weed Spray	Shoulder Miles	5,973
Alligare SMF 75	Oz.	410
Barricade 65 WG	Lbs.	526
Dimension Ultra 40 WP	Oz.	21,180
Dye-Helena Spray	Oz.	298
Pendulum	Gal.	95
Rodeo	Gal.	244
Round Up Pro Concentrate	Gal.	8,178
Snapshot 2.5TG	Lbs.	150
Spreader Activator	Gal.	13
Sureguard	Oz.	400
Surfactant-Insist 90	Gal.	111
Surflan AS	Gal.	141
Weedone LV-4	Gal.	804
Telar	Oz.	5

Table M-12. Quantities of material recovered from sweeping efforts and sand-salt quantities applied during the FY 2014 reporting period for specific MS4 areas and statewide.

	Unit of Measurement	Lake Tahoe	Carson Valley	Elko	Las Vegas Valley	Washoe	Statewide
Pickup Broom Sweeping	Yd^3	702	597	311	5,608	3,235	22,375
Salt	Yd^3	648	149	-----	-----	250	2,114
Salt/Sand	Yd^3	450	569	1,024	-----	1,499	74,880

Table M-13. Quantities of material recovered from sweeping efforts and sand-salt quantities applied during the FY 2015 reporting period for specific MS4 areas and statewide.

	Unit of Measurement	Lake Tahoe	Carson Valley	Elko	Las Vegas Valley	Washoe	Statewide
Pickup Broom Sweeping	Yd^3	935	429	119	5,761	2,764	22,287
Salt	Yd^3	288	79	-----	-----	45	787
Salt/Sand	Yd^3	490	239	484	-----	753	42,166

Table M-14. Material recovered from sweeping efforts in the Lake Tahoe Basin (yd^3).

Lake Tahoe Basin Routes									
	US - 50 DO	**SR - 28 DO**	**SR - 28 CC**	**SR - 28 WA**	**SR - 207 DO**	**SR - 431 WA**	**SR - 760 DO**		
Fiscal Year	**0.00 –13.00**	**0.00 – 1.23**	**0.00 – 3.95**	**0.00 – 10.99**	**0.00 – 3.20**	**0.00 – 6.50**	**0.00 – 0.61**	**State Parks**	**Total**
2001	655	53	22	645	115	151	0	0	1,641
2002	587	81	34	259	138	119	0	0	1,218
2003	269	25	49	131	26	449	16	10	975
2004	532	52	79	535	209	287	0	34	1,728
2005	501	46	66	276	79	291	0	0	1,259
2006	325	52	15	148	96	246	16	0	898
2007	468	6	30	155	112	243	0	0	1,014
2008	343	24	73	289	168	122	3	0	1,022
2009	306	60	150	429	105	126	15	15	1,206
2010	320	39	55	277	153	157	11	0	1,012
2011	267	30	46	187	60	273	3	0	866
2012	240	31	45	179	77	147	6	0	725
2013	208	37	47	158	97	181	1	24	753
2014	195	17	21	165	78	224	2	0	702
2015	294	24	23	154	71	366	3	0	935

Table M-15. Material added to slopes for slope repair efforts (yd^3).

Lake Tahoe Basin Routes									
	US – 50 DO	**SR – 28 DO**	**SR – 28 CC**	**SR – 28 WA**	**SR – 207 DO**	**SR – 431 WA**	**SR – 760 DO**		
Fiscal Year	**0.00 –13.00**	**0.00 – 1.23**	**0.00 – 3.95**	**0.00 – 10.99**	**0.00 – 3.20**	**0.00 – 6.50**	**0.00 – 0.61**	**State Parks**	**Total**
2001	168	0	230	100	60	0	0	0	558
2002	0	0	0	2	14	370	0	0	386
2003	0	0	60	256	179	20	0	0	515
2004	354	0	44	0	10	160	0	0	568
2005	429	0	0	144	0	2	0	0	575
2006	178	0	20	326	36	0	0	0	560
2007	30	0	0	70	170	0	0	0	270
2008	417	0	140	197	0	0	0	0	754
2009	0	0	0	345	12	0	0	0	357
2010	0	0	0	200	10	148	0	0	358
2011	0	0	80	160	30	41	0	0	311
2012	0	0	0	30	0	104	0	0	134
2013	0	0	0	8	0	240	0	0	248
2014	0	0	36	0	0	0	0	0	36
2015	0	0	0	0	0	0	0	0	0

Table M-16. Salt and sand applied (yd^3)[1].

Lake Tahoe Basin Routes									
	US – 50 DO	**SR – 28 DO**	**SR – 28 CC**	**SR – 28 WA**	**SR – 207 DO**	**SR – 431 WA**	**SR – 760 DO**		
Fiscal Year	**0.00 –13.00**	**0.00 – 1.23**	**0.00 – 3.95**	**0.00 – 10.99**	**0.00 – 3.20**	**0.00 – 6.50**	**0.00 – 0.61**	**State Parks**	**Total**
2001	502	131	148	322	338	109	0	0	1,550
2002	315	84	109	158	224	140	0	0	1,030
2003	238	97	88	138	224	190	0	0	975
2004	178	82	90	202	147	146	0	0	845
2005	202	60	75	219	171	184	0	0	911
2006	174	65	41	80	213	327	0	0	900
2007	58	21	19	36	193	158	0	0	485
2008	288	72	79	40	168	162	2	0	811
2009	140	21	49	34	152	256	1	0	653
2010	360	82	153	100	336	491	6	0	1,528
2011	238	41	51	49	290	386	1	0	1,055
2012	112	27	38	13	94	201	0	0	485
2013	198	34	33	25	173	267	0	0	730
2014	136	28	18	17	116	135	1	0	451
2015	82	29	16	28	48	286	0	0	489

[1]5:1 sand to salt ratio thru June 2006; 3:1 sand to salt ratio beginning in fall 2006.

Table M-17. Breakdown of salt applied froom the sand and salt mixtures reported in Table M-16 (yd^3)[1]

Lake Tahoe Basin Routes									
	US – 50 DO	**SR – 28 DO**	**SR – 28 CC**	**SR – 28 WA**	**SR – 207 DO**	**SR – 431 WA**	**SR – 760 DO**		
Fiscal Year	**0.00 –13.00**	**0.00 – 1.23**	**0.00 – 3.95**	**0.00 – 10.99**	**0.00 – 3.20**	**0.00 – 6.50**	**0.00 – 0.61**	**State Parks**	**Total**
2001	84	22	25	54	56	18	0	0	258
2002	53	14	18	26	37	23	0	0	172
2003	40	16	15	23	37	32	0	0	163
2004	30	14	15	34	25	24	0	0	141
2005	34	10	13	37	29	31	0	0	152
2006	29	11	7	13	36	55	0	0	150
2007	15	5	5	9	48	40	0	0	121
2008	72	18	20	10	42	41	1	0	203
2009	35	5	12	9	38	64	0	0	163
2010	90	21	38	25	84	123	2	0	382
2011	59	10	13	12	73	96	0	0	264
2012	28	7	10	3	24	50	0	0	121
2013	50	9	8	6	43	67	0	0	183
2014	34	7	5	4	29	34	0	0	113
2015	21	7	4	7	12	72	0	0	122

[1]5:1 sand to salt ratio thru June 2006; 3:1 sand to salt ratio beginning in fall 2006.

Table M-18. Brine solution (NaCl) applied (gal).

Lake Tahoe Basin Routes									
	US – 50 DO	**SR – 28 DO**	**SR – 28 CC**	**SR – 28 WA**	**SR – 207 DO**	**SR – 431 WA**	**SR – 760 DO**		
Fiscal Year	**0.00 –13.00**	**0.00 – 1.23**	**0.00 – 3.95**	**0.00 – 10.99**	**0.00 – 3.20**	**0.00 – 6.50**	**0.00 – 0.61**	**State Parks**	**Total**
2001	30,578	2,500	3,000	3,850	1,876	10,198	0	0	52,002
2002	70,357	4,075	2,150	16,700	456	11,729	0	0	105,467
2003	13,223	790	687	2,950	2,226	8,139	0	0	28,015
2004	8,542	100	100	700	1,012	6,394	0	0	16,848
2005	15,214	1,255	1,455	3,820	1,048	3,273	0	0	26,065
2006	14,115	2,002	1,190	4,787	459	6,720	0	0	29,273
2007	8,802	1,900	1,750	4,238	3,284	3,203	0	0	23,177
2008	18,690	2,155	1,760	7,981	7,258	5,149	0	0	42,993
2009	38,003	3,169	7,730	21,009	9,226	4,497	340	0	83,974
2010	46,591	2,750	4,940	22,643	10,886	6,944	0	0	94,754
2011	51,680	6,661	9,040	19,655	6,922	10,207	0	0	104,165
2012	27,230	1,612	3,010	8,485	5,973	8,349	200	0	54,859
2013	30,829	3,116	3,725	12,450	11,574	11,486	50	0	73,230
2014	42,417	4,330	5,116	8,230	8,587	13,959	0	0	82,639
2015	27,652	4,305	4,467	5,885	6,698	12,381	0	0	61,388

Table M-19. Total Salt applied from all sources (yd^3).

Lake Tahoe Basin Routes									
	US – 50 DO	**SR – 28 DO**	**SR – 28 CC**	**SR – 28 WA**	**SR – 207 DO**	**SR – 431 WA**	**SR – 760 DO**		
Fiscal Year	**0.00 –13.00**	**0.00 – 1.23**	**0.00 – 3.95**	**0.00 – 10.99**	**0.00 – 3.20**	**0.00 – 6.50**	**0.00 – 0.61**	**State Parks**	**Total**
2001	394	48	36	71	75	150	0	0	774
2002	304	31	38	178	38	161	0	0	749
2003	165	28	27	34	40	108	0	0	403
2004	146	17	18	58	26	104	0	0	369
2005	213	16	20	76	30	107	0	0	463
2006	194	17	9	63	36	158	0	0	478
2007	91	13	16	68	52	89	0	0	329
2008	270	46	39	141	50	90	1	0	638
2009	258	22	43	148	74	163	8	0	715
2010	373	57	91	252	157	207	2	0	1,137
2011	365	37	45	238	130	207	0	0	1,022
2012	217	23	42	123	93	121	0	0	620
2013	341	38	44	171	129	128	0	0	850
2014	471	34	39	95	88	131	0	0	858
2015	134	43	35	41	48	181	0	0	482

Table M-20. Material recovered from cleaning cut slopes, roadside ditches, sediment basins (yd^3)[1].

Lake Tahoe Basin Routes									
	US – 50 DO	**SR – 28 DO**	**SR – 28 CC**	**SR – 28 WA**	**SR – 207 DO**	**SR – 431 WA**	**SR – 760 DO**		
Fiscal Year	**0.00 –13.00**	**0.00 – 1.23**	**0.00 – 3.95**	**0.00 – 10.99**	**0.00 – 3.20**	**0.00 – 6.50**	**0.00 – 0.61**	**State Parks**	**Total**
2001	655	0	0	320	0	0	0	0	975
2002	966	0	670	133	0	180	0	0	1,949
2003	93	0	0	8	413	0	0	0	514
2004	334	0	96	30	0	0	0	0	460
2005	1,695	0	0	12	0	0	0	0	1,707
2006	30	0	0	0	0	5	0	0	35
2007	152	0	2	590	9	60	0	0	813
2008	3,939	0	169	19	41	0	0	0	4,168
2009	710	0	820	530	15	0	0	0	2,075
2010	986	0	0	241	0	0	0	0	1,227
2011	800	5	1,038	545	0	0	0	0	2,388
2012	385	0	452	0	5	3	0	0	845
2013	580	0	280	0	29	0	0	0	889
2014	370	0	4	1	6	0	0	0	381
2015	509	0	234	0	0	58	0	0	801

[1]Includes material removed as part of post-storm cleanup efforts.

Table M-21. Material recovered from cleaning of culverts, drop inlets, storm drains, and stormwater quality treatment vaults (yd^3).

Lake Tahoe Basin Routes									
	US – 50 DO	**SR – 28 DO**	**SR – 28 CC**	**SR – 28 WA**	**SR – 207 DO**	**SR – 431 WA**	**SR – 760 DO**		
Fiscal Year	**0.00 –13.00**	**0.00 – 1.23**	**0.00 – 3.95**	**0.00 – 10.99**	**0.00 – 3.20**	**0.00 – 6.50**	**0.00 – 0.61**	**State Parks**	**Total**
2001	0	1	0	3	0	0	0	0	4
2002	0	0	0	6	0	71	0	0	77
2003	84	27	0	67	64	7	0	0	249
2004	7	8	26	94	0	146	0	0	281
2005	122	13	70	43	58	0	0	0	306
2006	53	49	74	94	64	130	0	0	464
2007	96	1	26	143	52	102	7	0	427
2008	46	24	0	13	11	0	0	0	94
2009	6	0	5	35	0	3	0	0	49
2010	125	35	58	100	38	47	0	0	403
2011	278	44	71	142	26	43	2	0	606
2012	141	18	35	68	1	48	18	0	329
2013	29	8	19	110	37	105	0	0	308
2014	6	6	14	13	17	0	0	0	55
2015	122	18	30	65	40	68	3	0	346

Table M-22. Breakdown of sand applied from the sand and salt mixtures reported in Table M-16 (yd^3)[1].

Lake Tahoe Basin Routes									
	US – 50 DO	**SR – 28 DO**	**SR – 28 CC**	**SR – 28 WA**	**SR – 207 DO**	**SR – 431 WA**	**SR – 760 DO**		
Fiscal Year	**0.00 –13.00**	**0.00 – 1.23**	**0.00 – 3.95**	**0.00 – 10.99**	**0.00 – 3.20**	**0.00 – 6.50**	**0.00 – 0.61**	**State Parks**	**Total**
2001	418	109	123	268	282	91	0	0	1,292
2002	263	70	91	132	187	117	0	0	858
2003	198	81	73	115	187	158	0	0	813
2004	148	68	75	168	123	122	0	0	704
2005	168	50	63	183	143	153	0	0	759
2006	145	54	34	67	178	273	0	0	750
2007	44	16	14	27	145	119	0	0	364
2008	216	54	59	30	126	122	2	0	608
2009	105	16	37	26	114	192	1	0	490
2010	270	62	115	75	252	368	5	0	1,146
2011	178	31	38	37	218	289	1	0	792
2012	84	20	29	10	71	151	0	0	364
2013	149	26	25	19	130	200	0	0	548
2014	102	21	14	13	87	101	1	0	338
2015	62	22	12	21	36	215	0	0	367

[1]5:1 sand to salt ratio thru June 2006; 3:1 sand to salt ratio beginning in fall 2006.

Table M-23. Applications of straight salt (yd^3).

Lake Tahoe Basin Routes									
	US – 50 DO	**SR – 28 DO**	**SR – 28 CC**	**SR – 28 WA**	**SR – 207 DO**	**SR – 431 WA**	**SR – 760 DO**		
Fiscal Year	**0.00 –13.00**	**0.00 – 1.23**	**0.00 – 3.95**	**0.00 – 10.99**	**0.00 – 3.20**	**0.00 – 6.50**	**0.00 – 0.61**	**State Parks**	**Total**
2001	275	23	8	13	17	120	0	0	456
2002	171	12	17	132	0	124	0	0	456
2003	110	11	12	8	0	67	0	0	208
2004	107	3	3	24	0	72	0	0	209
2005	162	5	6	35	0	73	0	0	281
2006	149	4	1	44	0	96	0	0	294
2007	66	6	9	54	0	46	0	0	181
2008	177	26	17	122	0	44	0	0	386
2009	179	13	22	115	25	94	7	0	455
2010	229	33	47	201	60	76	0	0	646
2011	246	19	22	203	49	99	0	0	638
2012	158	14	29	110	63	62	0	0	435
2013	256	26	31	150	72	48	0	0	583
2014	388	22	29	81	49	81	0	0	650
2015	82	31	26	27	28	95	0	0	289

Table M-24. Breakdown of the salt applied as brine solution as reported in Table M-18 (yd^3).

Lake Tahoe Basin Routes									
	US – 50 DO	**SR – 28 DO**	**SR – 28 CC**	**SR – 28 WA**	**SR – 207 DO**	**SR – 431 WA**	**SR – 760 DO**		
Fiscal Year	**0.00 –13.00**	**0.00 – 1.23**	**0.00 – 3.95**	**0.00 – 10.99**	**0.00 – 3.20**	**0.00 – 6.50**	**0.00 – 0.61**	**State Parks**	**Total**
2001	35	3	3	4	2	12	0	0	60
2002	81	5	2	19	1	13	0	0	121
2003	15	1	1	3	3	9	0	0	32
2004	10	0	0	1	1	7	0	0	19
2005	17	1	2	4	1	4	0	0	30
2006	16	2	1	6	1	8	0	0	34
2007	10	2	2	5	4	4	0	0	27
2008	21	2	2	9	8	6	0	0	49
2009	44	4	9	24	11	5	0	0	97
2010	54	3	6	26	13	8	0	0	109
2011	59	8	10	23	8	12	0	0	120
2012	31	2	3	10	7	10	0	0	63
2013	35	4	4	14	13	13	0	0	84
2014	49	5	6	9	10	16	0	0	95
2015	32	5	5	7	8	14	0	0	71

Table M-25. FY 2015 Maintenance task cost summary.

Task	Labor ($)	Equipment ($)
Clean Culverts	190,166	336,809
Clean Drop Inlets	102,064	75,086
Clean Slotted Drains	10,234	8,414
Clean Culvert Openings	131,692	206,296
Clean Sand Oil Separators	4,101	4,362
Clean Sediment or Retention Basins	4,740	6,272
Clean Cuts / Ditches	107,099	202,986
Repair Fill and Cut Slopes	907,348	2,279,493
Chemical Weed Spray	176,654	159,428
Remove Debris	1,297,491	839,962
Empty Litter Barrels	51,254	40,322
Pickup Trash Bags	21,976	70,553
Removal of Storm Deposited Debris	122,801	252,528
Pickup Broom Sweeping	583,990	1,584,478
Snow and Ice Removal	898,613	2,332,063
Anti-Icing Pre-Treatment	14,871	19,533
Sweep and Remove Debris from Structures	28,007	7,621
Total	$4,653,102	$8,426,206

APPENDIX N

FY 2015 Stormwater Monitoring Plan

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
1263 S. Stewart Street
Carson City, Nevada 89712

BRIAN SANDOVAL
Governor

RUDY MALFABON, P.E., *Director*

October 1, 2014

In Reply Refer to:

JOE MAEZ
NDEP
BUREAU OF WATER POLLUTION CONTROL
901 S. STEWART ST. SUITE 4001
CARSON CITY, NV 89701

MS4 Permit NV0023329
Stormwater Monitoring Plan
FY 2015

Dear Mr. Maez:

The Nevada Department of Transportation (NDOT) is submitting its annual Stormwater Monitoring Plan (Plan) as required by the Municipal Separate Storm Sewer Systems (MS4) Permit (NV0023329) issued to NDOT on July 7, 2010. We look forward to any comments and recommendations the Nevada Division of Environmental Protection (NDEP) may have that will improve upon the Plan's primary objective of assisting NDOT with its ongoing efforts of reducing stormwater pollutant discharges from its MS4 to the maximum extent practicable.

As always, we appreciate your continued assistance. If you have any questions regarding this information, please contact James Murphy at (775) 888-7889 or jmurphy@dot.state.nv.us.

Sincerely,

Steve M. Cooke, P.E, Chief
Environmental Services Division

SMC/KMW/tsk

Enclosures

Nevada Department of Transportation

Stormwater Management Program

Municipal Separate Storm Sewer Systems Permit NV0023329

Stormwater Monitoring Plan

FY 2015

This document is intended to provide a monitoring plan as required by the Nevada Department of Transportation (NDOT) Municipal Separate Storm Sewer Systems (MS4) Permit NV0023329, Part IV.A. The following summarizes stormwater monitoring activities to be conducted by NDOT during FY 2015.

I. Introduction

Operators of MS4s are required to develop and implement a comprehensive Stormwater Management Program (SWMP) that incorporates pollution prevention measures, treatment or removal techniques, monitoring, use of legal authority, and other appropriate means to control the quality of stormwater and authorized non-stormwater discharged from the MS4 into Waters of the US (WOUS) to the maximum extent practicable (MEP).

Development of a stormwater monitoring plan is an important component of the SWMP. Monitoring data will be utilized (as appropriate) to assist with evaluating decisions regarding SWMP compliance, the appropriateness of identified best management practices (BMPs), and progress towards achieving identified SWMP programmatic BMP tasks and measurable goals.

II. Goals and Objectives

The primary objective of NDOT's SWMP is to prevent or reduce (to the MEP) stormwater pollutant discharges from NDOT's MS4 Permit area into receiving WOUS. The monitoring of several site specific BMPs will provide NDOT with an opportunity to assess the effectiveness of stormwater pollutant reduction measures for different elements of NDOT's operations, including post-construction, regular roadway use, and maintenance activities. It is anticipated that monitoring results will be used to help support operational and maintenance based decisions made by NDOT, and to improve and revise the SWMP as needed.

III. Stormwater Monitoring Plan Approach

The Stormwater Monitoring Plan addresses each of the key elements described in paragraphs A through B below:

A. Monitoring Approach

Post-Construction

- NDOT will continue to monitor three post-construction sites (one within each District) to assess different revegetation treatments in regards to permanent erosion control and site stability. NDOT will monitor revegetation efforts associated with Contract 3466 along I-15 in the Las Vegas area in Clark County (District One); Contract 3443 along I-80 west of Fernley in Washoe County (District Two); Contract 3468 along I-80 in the Carlin area in Elko County (District Three). Stormwater discharges from the District One site have the potential to discharge into ephemeral waterways in the Las Vegas Valley. Stormwater discharges from the District Two site have the potential to discharge into the Truckee River. Stormwater discharges from the District Three site have the potential to discharge into Mary's Creek, an intermittent tributary to the Humboldt River.

Watershed Erosion Control Improvements

- In a jointly funded agreement, NDOT will continue to partner with the United States Geological Survey (USGS), Water Resources Discipline (WRD), to continue Clear Creek monitoring efforts into FY 2016. The objective of the study is to examine the sediment transport characteristics and efficacies of erosion control efforts within the watershed on sediment loading and general water quality in Clear Creek. NDOT has implemented several small-scale site specific erosion control projects throughout the Clear Creek watershed in an effort to reduce the impacts of stormwater discharge from NDOT's right-of-way into Clear Creek. It is anticipated that by continuing monitoring efforts, insight will be provided as to the impacts of stormwater runoff from surrounding developed areas, and whether or not NDOT's erosion control efforts are having a positive effect on the water quality of Clear Creek. Clear Creek has the potential to become a drinking water source to the community in the future. Clear Creek is on Nevada's 2010 303(d) List of Impaired Waters for zinc, iron, dissolved oxygen, water temperature, and fecal coliform.

Regular Roadway Use

- NDOT will partner with the Truckee Meadows Storm Water Permit Coordinating Committee (SWPCC) and utilize the services of Balance Hydrologies, Inc. (Balance) to implement the storm event sampling described in Stantec Consulting Services, Inc.'s Stormwater Monitoring and Sample Analysis Plan (2012) and Addenda (2013), (SAP) for the Truckee Meadows Watershed. Due to the co-mingling of stormwater runoff between NDOT and the municipalities comprising the SWPCC, NDOT has a vested interest in discerning the quality of stormwater runoff that discharges from outfalls and enters tributaries in this area. Monitoring efforts began January 2014 and will continue through December of 2014, with a final report expected in April of 2015.

- NDOT Environmental Services Division will continue stormwater vault monitoring efforts in the Lake Tahoe Basin. Several stormwater quality vaults have been installed along SR-28 and US-50 to intercept sediment laden stormwater in an effort to reduce the discharge of fine sediment particles (FSP) into Lake Tahoe and its tributaries conveyed from NDOT's right-of-way. Results of these efforts will help ascertain the vaults' value as a stormwater BMP for TMDL compliance, and to help characterize stormwater runoff and sediment prior to its discharge from the vault.

Maintenance

- NDOT Environmental Services Division will continue monitoring five stormwater treatment devices located throughout the District Two Reno/Sparks Maintenance Facility. The most recent of the five being installed during fiscal year 2012 and located on the Equipment side of the facility. This facility has the potential to generate stormwater pollutant discharges from a variety of sources. A significant portion of the onsite generated stormwater runoff discharges into the nearby Truckee River. The reach of the Truckee River that receives stormwater discharge from the maintenance facility is on Nevada's 2010 303(d) List of Impaired Waters for total suspended solids and water temperature. Analytical results will help assess treatment capabilities with regards to various water quality

constituents, as well as ongoing stormwater pollution prevention practices implemented at the facility.

Lake Tahoe TMDL

- NDOT is participating in a joint monitoring effort between multiple jurisdictions in the Lake Tahoe region. The Tahoe Resource Conservation District (TRCD) has begun these efforts using funds from the Southern Nevada Public Lands Management Act (SNPLMA) on behalf of El Dorado County, Placer County, City of South Lake Tahoe, and Caltrans in California; and Douglas County, Washoe County, and NDOT in Nevada. This Implementers Monitoring Program (IMP) is a beginning step to a comprehensive Regional Stormwater Monitoring Program (RSWMP) and will include sampling during four different storm events. Seasonal and annual runoff volumes will be calculated as well as nutrient and sediment loads. Results will provide all stakeholders in the Lake Tahoe Basin with information as to which BMP's are effective for reducing FSP discharged into Lake Tahoe.

- The NDEP has provided funding for the Nevada Tahoe Conservation District (NTCD), 2ndnature, and NCE to corroborate with Tahoe Basin urban jurisdictions to complete the Road Operations Effectiveness Study. This effort will quantify the cost-effectiveness of up to 8 road prescriptions implemented with the intention of minimizing the potential for roadways to be a source of fine sediment while providing winter driver safety. A road prescription is any single or combination of road operation and maintenance actions implemented on a specific roadway network that reduces the amount of FSP applied to the roadway and transported from the road surface into the stormwater system. This study will provide NDOT with a Pollutant Load Reduction Model (PLRM) that is the standard quantification tool for assessing load reductions that will result in obtaining credits for goals associated with the Lake Clarity Crediting Program (LCCP).

B. Monitoring Parameters and Sampling

Post-Construction

- District One (I-15 Las Vegas Area, CL 53.64 to 69.90): Post-construction erosion control efforts will be monitored to determine the relative success of a revegetation prescription new to NDOT and constructed as part of Contract 3466. This revegetation methodology consisted of tilling and incorporating compost and amendments into the topsoil, drill seeding, and the application of straw mulch (those areas inaccessible to drill seeding were hydroseeded). Monitoring will consist of visual observations combined with comparing photographic images of pre-construction and post-construction conditions at select monitoring points. Monitoring previously had been conducted at quarterly intervals, i.e. once every four months. Due to the lack of change in growth, owing to Nevada's arid climate, monitoring will now occur bi-annually, once in spring and once in fall. As vegetative growth progresses, site stabilization can be expected, as evidenced by decreases in slope rilling and other erosion features (if present).

- District Two (I-80 Fernley Area, WA 44.7): Post-construction erosion control efforts will be monitored to determine the relative success of the prescribed hydroseeding treatment associated with Contract 3443. Monitoring will consist of visual observations combined with comparing photographic images of pre-construction and post-construction conditions at select monitoring points. Monitoring previously had been conducted at quarterly intervals, i.e. once every four months. Due to the lack of change in growth, owing to Nevada's arid climate, monitoring will now occur bi-annually, once in spring and once in fall. Following completion of the construction activities, qualitative assessments will be conducted at six month intervals over the course of three more fiscal years beginning in FY 2015. As vegetative growth progresses, site stabilization can be expected, as evidenced by decreases in rilling and other erosion features (if present).

- District Three (I-80 Carlin Area, EL 1.45 to 2.85): Post-construction erosion control efforts will be monitored to determine the relative success of the prescribed hydroseeding treatment associated with Contract 3468. Monitoring will be based on visual observations combined with photographic documentation (post-construction only). Monitoring previously had been conducted at quarterly intervals, i.e. once every four months. Due to the lack of change in growth, owing to Nevada's arid climate, monitoring will now occur bi-annually, once in spring and once in fall. As vegetative growth progresses, site stability can be expected, as evidenced by decreases in slope rilling and other erosion features (if present).

Watershed Erosion Control Improvements

- Clear Creek Monitoring: The USGS, WRD will conduct Clear Creek water quality monitoring efforts at three locations within the watershed upstream of US-395. Stream samples will be obtained quarterly and analyzed for various constituents including major ions, trace elements, and nutrients. Suspended-sediment samples will be collected at each site during moderate to low stream flows. Additional suspended-sediment samples will be collected during high stream flow events and during the period of spring snowmelt to characterize suspended-sediment loading during expected high load flows. Site one is located at an ungaged site within the upper watershed and is representative of baseline conditions. At site two, located at a gaged site near the bottom on the watershed, bed load samples will be collected upon observation of bed sediment movement. Initial samples of bed sediment will be collected from this site and analyzed for total petroleum hydrocarbons (TPH). Data from these samples will be used to evaluate the historic presence of or absence of TPH in Clear Creek. Aqueous concentrations of TPH will be evaluated by deploying three small semi-permeable membrane devices at this site, quarterly for each year. Site three, located downstream of site two, represents urban highway runoff from commercial properties. This site will be tested for water quality, and sediment as described above and during high flow events. The USGS will publish this data in their annual report for Nevada. Additionally, two USGS Scientific Investigations Reports (SIRs) will be prepared and published for FY 2015 and FY 2016 providing estimates of sediment load generated in the Clear Creek Watershed and the results of the water-quality sampling.

Regular Roadway Use

- NDOT will partner with the Truckee Meadows Storm Water Permit Coordinating Committee (SWPCC) and utilize the services of Balance Hydrologies, Inc. (Balance) Monitoring efforts began January 2014 and will continue through December of 2014, with a final report expected in April of 2015. Five tasks are associated with physical components to completing this study; Task 1 will consist of project scoping, back-rounding, and pre-monitoring site visits. Task 2 will be the urban outfall sampling during storm events. (Two storm events with priority given to “first flush” events.) Task 3 will be the placing of 6 ISCO automated samplers at 6 outfalls to sample the same two storm events as in Task 2. Task 4 will be grab samples taken at 12 sites and 6 tributaries identified in the SAP during two storm events. Task 5 will be the analysis of the data and final report. The partnership in this

monitoring effort and results from this study will allow NDOT to continue to meet stormwater quality monitoring requirements and provide information on water quality as it is co-mingled amongst multiple jurisdictions as we all attempt to achieve similar stormwater goals.

- NDOT Environmental Services Division will continue water quality monitoring efforts associated with several stormwater vaults installed in the Lake Tahoe Basin. Water and sediment samples will be collected and analyzed for various water quality constituents, including TPH and nutrients. This monitoring effort will assist NDOT with characterizing the quality of water and sediment collected within these vaults for TMDL and disposal considerations.

Maintenance

- District Two Reno/Sparks Maintenance Facility: NDOT Environmental Services Division will annually sample material from several stormwater interceptors located throughout the Reno/Sparks Maintenance Facility. The Reno/Sparks Maintenance Facility is several acres in size and has several stormwater interceptors installed, providing for an excellent opportunity to characterize stormwater discharged from the facility. Various water quality constituents will be analyzed, including TPH.

Lake Tahoe TMDL

- Implementers Monitoring Program: In a joint monitoring effort between seven jurisdictions in the Lake Tahoe Region of Nevada and California, five catchments with monitoring stations located at the outfalls and the inflows will be modeled as Pollutant Load Reduction Model (PLRM) catchments. Catchments are defined as the area that drains to an outfall monitoring site. These locations will be used as both outfall and BMP sites. They were chosen because of their direct hydrologic connectivity to Lake Tahoe. The continuous flow will be measured at each of eleven monitoring stations: the outfalls of the five selected catchments, and the inflows to and outflows from the selected BMPs located within three of the five aforementioned catchments. Additionally, the continuous turbidity at select monitoring stations will be measured. The plan will also include sampling across the hydrograph during four different storm events at ten locations with testing for total nitrogen, total phosphorus, total suspended solids (TSS), turbidity and

FSP. Finally, seasonal and annual runoff volumes will be calculated as well as nutrient and sediment loads. These results will identify which BMPs are most effective at reducing FSP and the required maintenance to retain effectiveness for the entire Lake Tahoe region.

- The Lake Tahoe Basin urban jurisdictions will jointly complete the Road Operations Effectiveness Study. By using the Road Rapid Assessment Methodology (Road Ram) protocol, the pollutant potential of roadways may be quickly assessed. It is less costly and time intensive than runoff sampling would be over large and variable road surfaces. The key steps in this effort are; identifying feasible and cost-effective road operations; selecting jurisdictional participation for the implementation of actions; developing testing and reporting methods, implementing prescriptions, maintaining roads and collecting road condition data; analyzing of data and quantifying cost-effectiveness of prescriptions; and finally, drafting a technical report including test results, operational guidance and testing methods. Implementing prescriptions, data sharing and road condition evaluations began January 20, 2014 and will continue through May of 2015 as to complete approximately 30-35 weeks of road condition observations for an optimal data set that will provide for a more accurate final determination of the most cost-effective road operations. This data will provide NDOT with the best road prescriptions to be utilized in the PLRM which serves as the standard quantification tool to estimate the load reduction benefits of the implementation of stormwater improvement actions.

APPENDIX O

Roadway System Changes

Roadway Systems
1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7675
Fax: (775) 888-7019

MEMORANDUM
Roadway Systems Division

July 1, 2014

To: **NDOT Director, Deputy Directors, Assistant Directors and Division Heads**

From: **Bob Madewell, Chief, Roadway Systems**

Subject: **NDOT Maintained System Quarterly Changes Notification April, May and June 2014**

In the interest of communicating NDOT road system changes to the Department, the Roadway Systems section of the Planning Division distributes quarterly updates regarding changes and/or clarifications to the state maintained road network. Please forward this notification to your affected personnel. For more detailed information regarding the state maintained routes please refer to the "*State Maintained Highways of Nevada, Descriptions and Maps*" (aka Description Index) which can be found on the NDOT Internet site under the document tab.

Removed from the State System

The following rest parks were removed from the State System because they are actually truck parking areas.

1. RPEU07/EU County — Removed from the State System on April 23, 2014
2. RPEU07B/EU County — Removed from the State System on April 23, 2014
3. RPLA06/LA County — Removed from the State System on April 23, 2014
4. RPLA07/LA County — Removed from the State System on April 23, 2014
5. RPEL14/Elko County — Removed from the State System on April 23, 2014
6. RPEL16/Elko County — Removed from the State System on April 23, 2014
7. RPCL02/CL County — Removed from the State System on May 5, 2014
8. RPCL02B/CL County — Removed from the State System on May 5, 2014

Added to the State System

1. RPCL05/CL County — Added to the State System on April 23, 2014
2. RPCL06/CL County — Added to the State System on April 23, 2014

Description and Mileage Change

1. SR720/Union Ln/ Pasture Rd — Per Right-Of-Way research, the description and mileage for this State route has changed. It begins at the Jct of US95 and ends at the West gate to the Fallon Naval Air Station for a total of 3.248 miles.

Milepost Panel Replacement Approvals

1. SR232/EL County	Panels 11 and 17
2. SR375/NY County	Panel 36
3. US6/NY County	Panels 46, 47, 49, 50, 54, 62, 66, 69, 73, 77, 78, 94 and 97
4. US93/EL County	52, 55, 56, 95, 96, 97, 98, 99, 100, 101, 102, 103 and 104

Milepost Panel Requests

1. SR445/WA County	Panels 0, 0.14, 0.52, 0.77, 1.01, 1.38, 1.64, 1.98, 3.12, 3.62, 5.44, 7.79 and 8 through 41.71 were installed and the project was completed on May 22, 2014.

Roadway Systems
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Carson City, Nevada 89712
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Fax: (775) 888-7019

MEMORANDUM
Roadway Systems Division

October 15, 2014

To: **NDOT Director, Deputy Directors, Assistant Directors and Division Heads**

From: **Bob Madewell, Chief, Roadway Systems**

Subject: **NDOT Maintained System Quarterly Changes Notification July, August and September 2014**

In the interest of communicating NDOT road system changes to the Department, the Roadway Systems section of the Planning Division distributes quarterly updates regarding changes and/or clarifications to the state maintained road network. Please forward this notification to your affected personnel. For more detailed information regarding the state maintained routes please refer to the "*State Maintained Highways of Nevada, Descriptions and Maps"* (aka Description Index) which can be found on the NDOT Internet site under the document tab.

Relinquished from the State System

- A portion of SR294/Haskell St was relinquished to the City of Winnemucca, from the north Right of Way line at SR787/Hanson St to the south Right of Way line of SR794/E. Winnemucca Blvd for a total distance of 0.993 miles.

Description and Mileage Change

- SR294/Haskell St from the PE/HU county line to the South Urban Limit (SUL) of Winnemucca -2.977 miles and from SUL of Winnemucca to SR787/Hanson St.- 4.996 miles, for a total of 7.973 miles.

Milepost Panel Replacements

- SR318 LN enhanced 18"x48" panels 0.00-49.42
- SR318 NY enhanced 18"x48" panels 0.00-38.79
- SR318 WP enhanced 18"x48" panels 0.00-22.56
- SR319 LN standard 8"x24" panels 0.00-20.91
- SR229 EL standard 8"x24" panels 21.00-37.00
- US93 EL standard 8"x24" panels 0.00-12.00 & 23.00-49.00
- SR226 EL standard 8"x24" panels 0.00-39.02
- SR225 EL standard 8"x24" panels 1.00- 127.00
- US93 WP standard 8"x24" panels 112.76-116.69

Roadway Systems
1263 South Stewart Street
Carson City, Nevada 89712
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Fax: (775) 888-7019

MEMORANDUM
Roadway Systems Division

January 22, 2015

To: NDOT Director, Deputy Directors, Assistant Directors and Division Heads

From: Bob Madewell, Chief, Roadway Systems

Subject: NDOT Maintained System Quarterly Changes Notification
October, November and December 2014

In the interest of communicating NDOT road system changes to the Department, the Roadway Systems section of the Planning Division distributes quarterly updates regarding changes and/or clarifications to the state maintained road network. Please forward this notification to your affected personnel. For more detailed information regarding the state maintained routes please refer to the "*State Maintained Highways of Nevada, Descriptions and Maps*" (aka Description Index) which can be found on the NDOT Internet site under the document tab.

Mileage and or Description Changes

SR720 CH Union Ln/Pasture Rd—US95 to Pasture Rd	3.016
Pasture Rd to Milepost 3.25	0.232
SR518 CC Snyder Ave—SR529 S Carson St to 459 feet East of Jacobsen Way	1.104

Added to the Description Index

Cactus Interchange on the IR15 at exit 30 at cumulative mile 30.390
SR439 USA Parkway RMID #11048 End of Pavement 6.26 miles South of IR80 to Ramps 3&4, IR80 Exit 32 6.255

Milepost Panel Approved Requests

SR290 HU standard 8"x 24" panels 0.00-18.00
US95 HU standard 8" x 24" panels 1.00-22.09
SR439 ST standard 8"x 24" panels 4.43-10.00

BAM/pgs
January 2, 2013

Roadway Systems
1263 South Stewart Street
Carson City, Nevada 89712
Phone: (775) 888-7675
Fax: (775) 888-7019

MEMORANDUM
Roadway Systems Division

May 18, 2015

To: NDOT Director, Deputy Directors, Assistant Directors and Division Heads

From: Bob Madewell, Chief, Roadway Systems

Subject: NDOT Maintained System Quarterly Changes Notification January through March 2015

In the interest of communicating NDOT road system changes to the Department, the Roadway Systems section of the Planning Division distributes quarterly updates regarding changes and/or clarifications to the state maintained road network. Please forward this notification to your affected personnel. For more detailed information regarding the state maintained routes please refer to the "*State Maintained Highways of Nevada, Descriptions and Maps*" (aka Description Index) which can be found on the NDOT Internet site under the document tab.

Mileage and or Description Changes

Mileage Only:
SR28 WA - Lakeshore Blvd to the NV/CA Stateline - 6.114
Description Only:
FRWA09 - Canyon Rd. N side IR80 Lockwood Intg. Exit22, from 435 ft. West of Ramps 3 & 4 at the Granite property gate to 0.486 miles south at the junction with FRWA60, Lockwood Dr.
Description and Mileage:
SR518 CC - Snyder Ave from SR529 Carson St. to 459 ft. east of Jacobsen Way – 1.104 miles
SR604 CL – North R/W line of Carey St. to IR15, Ramps 3 & 4, Apex Intg. – 12.025 miles

Relinquished from the System

SR604- from Tonopah Ave to Carey St - 1.115 miles

Milepost Panel Approved Requests
SR208 LY standard 8"x 24" replacement panels 6.00, 10.00 - 12.00
SR265 ES standard 8"x 24" replacement panels 0.00 – 20.00
US6 ES standard 8"x 24" replacement panels 23.00, 27.00, 39.00, 42.00 & 45.00

BAM/sps
May 18, 2015

APPENDIX P

County and Contractor Herbicide Application Summaries

	DISTRICT 1 CONTRACTOR WEED CONTROL			
CHEMICALS USED	FY2015 TOTALS			
PERSPECTIVE	10553.78			
ESPLANADE	0			
BLAZON	57562.58			
INLET	25748.61			
WEEDESTROYER	0			
RANGER PRO	18505.74			
WEEDAR 64	22470.17			
POLARIS	17762.47			
OUST XP	21.02			
QUEST	0			
STREAMLINE	391.98			

LOCATIONS CONTRACTOR SPRAYS

I-15, US93, US95, SR156, SR157, SR160, SR161, SR163, SR164, SR165, SR168, SR169, SR170, SR317, SR318, SR319, SR320, SR321, SR322, SR372, SR375, SR604, FR407, FR409, FR411, FR412, FR413, FR414, FR417, FR418, FR423, FR433

	CHURCHILL CO. WEED CONTROL			
CHEMICALS USED	FY2012 TOTALS	FY2013 TOTALS	FY2014 TOTALS	FY2015 TOTALS
PERSPECTIVE (Ounces)	0	2036.1	85.6	162.76
BASE CAMP (Ounces)	0	6295.86	3494.3	10922
SURFACTANT (Ounces)	2234.3	1267.5	812.7	207.1
PORTFOLIO (Ounces)	4674.53	367.7	1750.3	1818.7
WEEDAR 64 (Ounces)	12438.2	0	0	0

LOCATIONS CHURCHILL COUNTY SPRAYS

US95, US50, SR115, SR116, SR117, SR118, SR119, SR120, SR121, SR715, SR718, SR720, SR722, SR723, SR726

	TRI COUNTY WEED CONTROL			
CHEMICALS USED	FY2012 TOTALS	FY2013 TOTALS	FY2014 TOTALS	FY2015 TOTALS
SPREADER 90 (Pints)	2.59	198.49	286.12	195.89
MSO CONCENTRATE W/LECI-TECH (Pints)	274.79	256.09	3.53	5.69
PHASE LPI (Pints)	0	0	13.74	29.85
TELAR (Ounces)	0.16	5.38	14.08	27.83
ESCORT XP (Ounces)	0.62	42.78	127.3	68.28
POLARIS (Ounces)	0	0	108.18	501.1
TORDON 22K (Pints)	8.91	216.62	387	510.97
DETERMINE 4L (Pints)	0	10.6	55.67	0
WEEDAR 64 (Pints)	0	232.17	274.23	284.52
MILESTONE (Ounces)	1.05	5.43	24.13	74.4
SYL-TAC (Pints)	0	0	5.49	85.76
R-900 (Pints)	2.23	0	0	0
DIREX 4L (Pints)	0.39	0	0	0
PLATEAU (Ounces)	1636	1445.8	0	0
HABITAT (Ounces)	90.5	249.6	0	0
TRANSLINE (Ounces)	0	3	0	0
				75.8
HABITAT (Ounces)	90.5	249.6	0	0.2
TRANSLINE (Ounces)	0	3	0	8.22

LOCATIONS TRI COUNTY SPRAYS

LINCOLN, NYE, WHITE PINE, 7 CLARK COUNTY RIGHT-OF-WAYS (US95 S. OF LV, US95 N. OF LV, SR160, SR163, SR164, SR168, SR169, SR170, I-15, US93, US6 W. OF ELY, US6-TONOPAH, US50 W. OF ELY, US50 E. OF ELY, US96 N. OF ELY, US93 S. OF ELY, SR267, SR317, SR318, SR319, SR320, SR321, SR322, SR361, SR372, SR373, SR374, SR375, SR376, SR377, SR379, SR487, SR488, SR490, SR844, SR892, SR893, SR894, SR895, ELY STATION, MS2-01, MS09-01, MS09-04, MS11-06, MS18-2, MS18-3, MS19-01, MS25-1, MS32-02, MS47-03, MS47-04, MS69-01, MS81-01, MS88-03, COTTONWOOD COVE RD., WARM SPRINGS RD., SEARCHLIGHT NDOT STATION, GLENDALE MAINT. STATION

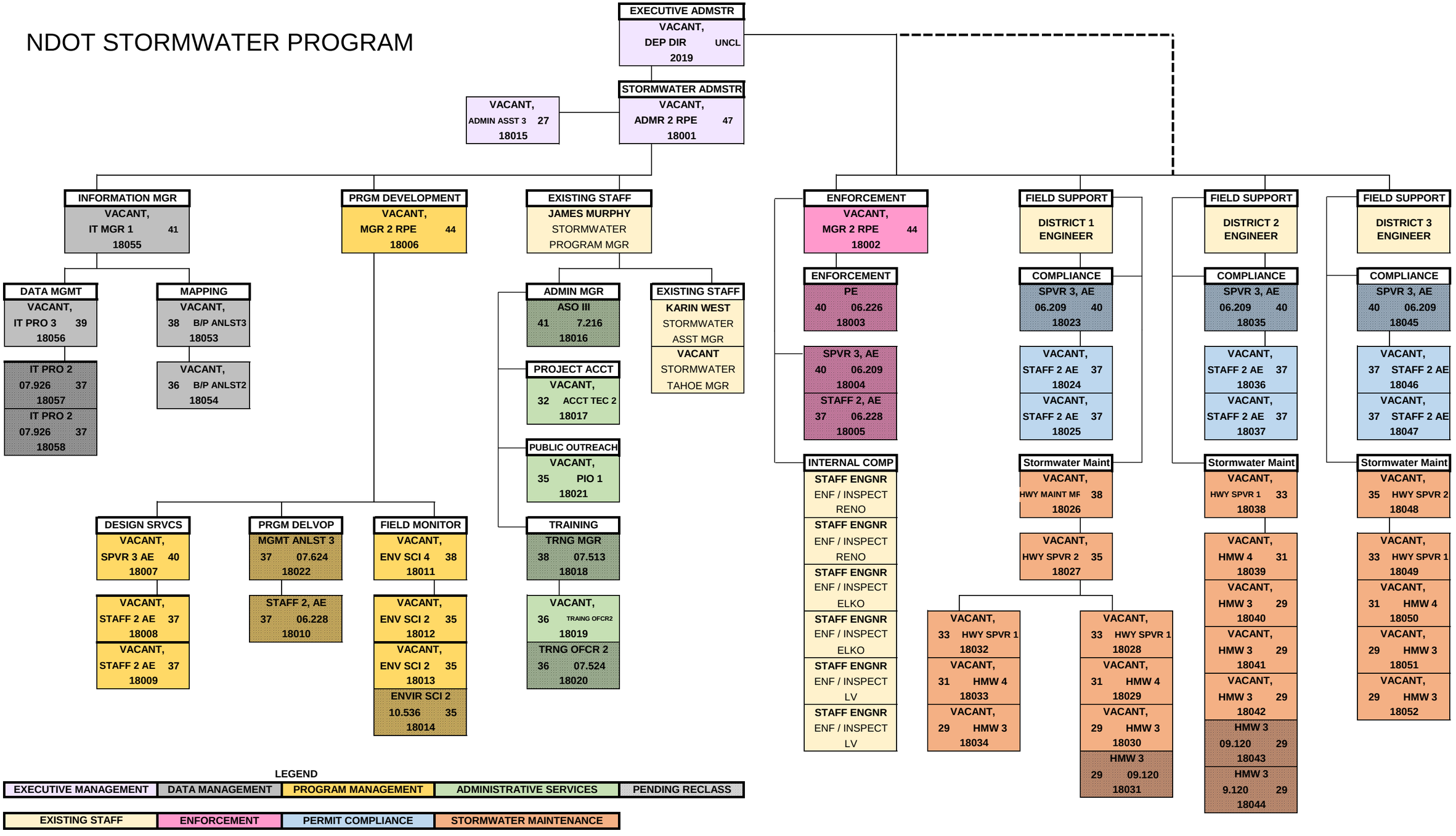
	DOUGLAS COUNTY WEED CONTROL														
	TOTALS BY FISCAL YEAR				TOTAL BY ROUTE (FY12, 13, 14, 15)										
CHEMICALS USED	FY2012 TOTALS	FY2013 TOTALS	FY2014 TOTALS	FY2015 TOTALS	US395	SR88	SR206	SR207	SR208	SR756	SR757	SR759	WASHOE WETLANDS	PINENUT/DUMP RD	CARSON WETLANDS
ACTIVATOR 90 SURFACTANT (Gallons)	13.6125	11.4725	14.2	10.69	3.84	6.79	12.02	0.13	8.52	3.73	3.12	1.3	10.26	0.28	
ACTIVATOR (Gallons)	0	0	0.13	0	0	0	0	0	0	0	0	0	0.13	0	
4-D AMINE HERBICIDE (Gallons)	0.5825	3.22995	1.10375	6.25	1.13	0.49	1.1	0	0.06	0.17	0.08	0.1	8.78	0	
CLIMB (Quarts)	0.30609	0.17311	0	0	0.17	0.13	0.07	0	0.02	0.06	0.05	0	0	0	
DIURON Herbicide/Karmex (LBS)	78	0	0	310	0	18	50	0	10	0	0	0	0	0	
KLEENUP (Gallons)	13.05	0.55	0	0.5	12.85	0.5	0.2	0	0	0.45	0	0	0	0	
MILESTONE (Quarts)	1.94415	2.42069	0.21	0.66	0.69	0.78	0.86	0	0.06	0.55	1.39	0.05	1.2	0	
PERSPECTIVE (LBS)	24.7465	41.751	33.58	38.28	7.81	15.91	25.62	0.63	25.62	9.69	10.11	4.02	0	0.69	
REWARD Herbicide (Gallons)	0.175	0.025	0	0.15	0.18	0	0	0	0	0.18	0	0	0	0	
SYL-TAC (Gallons)	0.86245	1.64875	2.32125	1.72	2.27	0.56	0.58	0	0.07	0.17	0.33	0.04	2.39	0	
TELAR DF (Ounces)	8.29	5.785	0	0	3.8	3.7	3.3	0	0.45	1.13	1.6	0.11	0	0	
THROTTLE XP (LBS)	51.3375	26.5617	93.34	91.88	10.93	26.03	69.38	0	35.5	12.18	13.94	2.32	0	0.96	
ATTACH (Gallons)	0	0	7.03	11.38	0	0.91	2.85	0	2.4	0.67	0.47	0.21	0	0	
IN-PLACE (Gallons)	0	5.3	7.09	16.85	0.27	1.98	4.66	0.06	3.55	1.18	1.01	0.45	5.12	0	
CLEAN AMINE (Gallons)	0	0	0.43	2.02	0.53	0.36	0.45	0	0.03	0.06	0.11	0.06	0	0	
OPENSITE (LBS)	0	4.3912	5.0033	18.41	2.09	0.37	0.69	0	0.06	0.1	0.22	0.1	23.71	0	
LIBERATE (Gallons)	0	2.35	0	0	0	0	0	0	0	0	0	0	2.35	0	
HABITAT (Gallons)	0	5.325	0	0	0	0	0	0	0	0	0	0	5.33	0	
PLATEAU (Gallons)	0	0	0.04	0	0	0	0	0	0	0	0	0	0.04	0	
OUST Herbicide 3# by oz (Ounces)	0	199.2	0	0	0	0	0	4	72	32	34	15.2	0	0	
PAYLOAD 12# (LBS)	0	0.03125	0	0	0	0.03	0	0	0	0	0	0	0	0	

LOCATIONS DOUGLAS COUNTY SPRAYS	BEGIN MP	END MP	TOTAL ROUTE MILES
US395	0.00	33.96	67.92
SR88	0.00	7.87	15.74
SR206	0.00	15.44	30.88
SR207	0.00	11.08	22.16
SR208	0.00	8.80	17.60
SR756	0.00	3.97	7.94
SR757	0.00	3.19	6.38
SR759	0.00	1.00	2.00
WASHOE WETLANDS	60 ACRES TOTAL		
CARSON WETLANDS	60 ACRES TOTAL		

APPENDIX Q

Stormwater Division Organization Chart

NDOT STORMWATER PROGRAM



LEGEND

EXECUTIVE MANAGEMENT	DATA MANAGEMENT	PROGRAM MANAGEMENT	ADMINISTRATIVE SERVICES	PENDING RECLASS

EXISTING STAFF	ENFORCEMENT	PERMIT COMPLIANCE	STORMWATER MAINTENANCE

APPENDIX R

Letter Requesting Continued MS4 Permit Coverage

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
1263 S. Stewart Street
Carson City, Nevada 89712

BRIAN SANDOVAL
Governor

RUDY MALFABON, P.E., *Director*

January 6, 2015

In Reply Refer to:

MICHELE "MICKIE" REID
NDEP
BUREAU OF WATER POLLUTION CONTROL
901 S. STEWART ST., SUITE 4001
CARSON CITY, NV 89701

MS4 Permit NV0023329
Request for Permit Coverage

Dear Michele:

The Municipal Separate Storm Sewer Systems (MS4) Permit-NV0023329 (Permit) issued to the Nevada Department of Transportation (Department) is set to expire on July 6, 2015. Consequently, the Department is requesting continued coverage per section IV.E of the Permit.

The Department understands that in the event the existing permit is neither re-issued nor replaced, or a new individual permit authorizing NDOT discharges is not issued before the aforementioned Permit expiration date, the existing permit shall remain in force and effect.

As always, we appreciate your continued assistance. Should you have any questions regarding this matter, feel free to contact James D. Murphy at (775) 888-7889 or jmurphy@dot.state.nv.us.

Sincerely,

Steve M. Cooke, P.E., Chief
Environmental Services Division

SMC/JDM/tsk

c: Charlie Lee, NDEP