



Nevada Department of Transportation

STORMWATER PROGRAM UPDATE



August 8, 2016

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Deputy Director





BACKGROUND

In 2011, NDOT was audited by the U.S. Environmental Protection Agency and the Department's Stormwater Program was found to be inadequate.

In June of 2015, the Nevada Legislature approved Senate Bill 324 and a budget amendment which gave NDOT the resources and authority necessary to build a fully compliant Stormwater Program.

SB 324 provided NDOT with enforcement authority to prevent unauthorized discharges onto state highways, rights-of-way and conveyance systems. NRS 408 was recently codified to incorporate the changes from SB 324.

NDOT is working with the EPA and Nevada Division of Environmental Protection to implement a Stormwater Program that meets or exceeds all requirements.



US EPA

- Parties have reached agreement on settlement terms
- Met with EPA June 7, 2016
- Board of Examiners approved settlement terms July 12, 2016
- Consent Decree is being finalized



HIRING UPDATE

Stormwater Division

- 80% hired
- Recruiting for remaining open positions



EQUIPMENT

<u>Equipment Type</u>	<u>FY 2016 Count</u>	<u>Status</u>
Sedan	2	Received
Crew Truck	20	16 received, 4 on order
Camera Truck	0	N/A
Sweeper	9	4 received, 5 on order
Vactor Culvert Flusher	3	Received
Radio Controlled Track Loader	3	Received



PROGRAM DEVELOPMENT

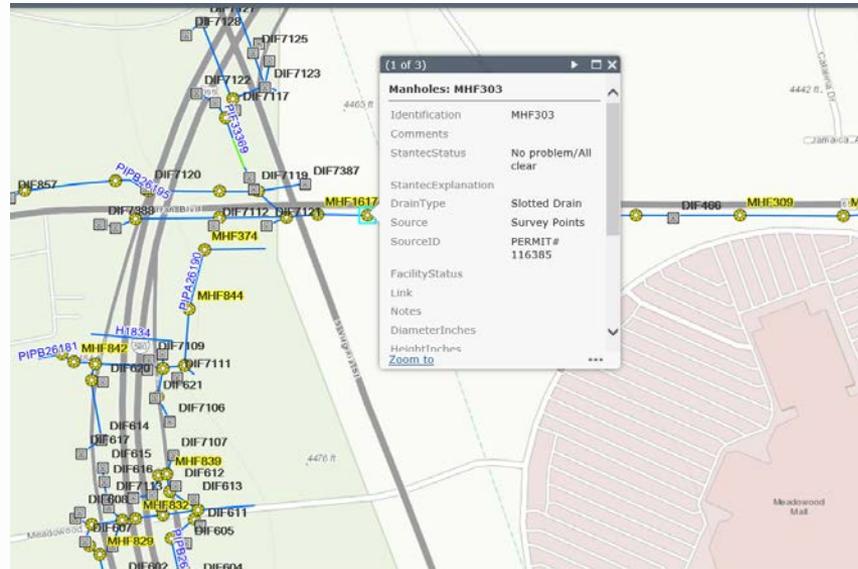
- Stormwater Management Plan
- Annual Report
- Public Stormwater Education Program
- Employee Training
- Construction Site Runoff Control Program
- Post-Construction Stormwater Management Program
- Illicit Discharge Detection and Elimination
- Maintenance Facilities
- Operation and Maintenance Program



TECHNOLOGY IMPLEMENTATION

Stormwater components mapped to date

- 43,000 pipes
- 14,000 drop inlets
- 4,000 manholes
- 600 channels
- 100 basins
- 260 stormwater structures



have been identified and uploaded to the GIS (geographic information system) map for data sharing, maintenance scheduling and future planning and is available with a mobile application for Stormwater component inspections in the field.

MAINTENANCE YARDS

NDOT is improving maintenance yards statewide with higher tech and more efficient vehicle wash systems

Issues and Challenges:

- Aging maintenance yards
- Maintenance yards surrounded by houses
- Unknown underground utilities
- Equipment storage
- 2016 maintenance yard improvements
 - Reno
 - Carson



NDOT is continuing to identify improvement needs

IN THE MEDIA

“NDOT pledges \$13 million to improve stormwater treatment across Nevada”



The screenshot shows a news article on the mynews4.com website. At the top, there is a navigation menu with a hamburger icon and the text 'MENU'. The NBC News 4 logo is prominently displayed with the tagline 'ON YOUR SIDE'. Below the logo, there are three advertisement banners for 'PRO SPINAL' with the phone number '775-336-DISC'. The main headline of the article reads 'NDOT pledges \$13 million to improve stormwater treatment across Nevada'. Below the headline, it says 'BY CASSIE WILSON | THURSDAY, JULY 14TH 2016'. The main image is a white NDOT Vector Truck equipped with a large black vacuum hose. A caption below the image reads 'NDOT Vector Truck'. To the right of the main image, there is a 'TRENDING' section with three items: 'Penthouse window shatters, glass falls 2 stories into Downtown Reno street', 'Police looking for sus who shot man in the Sparks', and 'Sheriff's Office recog persons of interest at body found in burnt e'. There are also more advertisement banners for 'PRO SPINAL' on the right side of the article.

<http://mynews4.com/news/local/ndot-pledges-13-million-to-improve-stormwater-treatment-across-nevada>



MEETINGS and PRESENTATIONS

Nevada Transportation Board

Advisory Committee on Transportational Storm Water Management (ACTSWM)

Interim Finance Committee (IFC)

Stormwater Quality Management Committee (SQMC)

Associated General Contractors (AGC)

Nevada Contractors Association (NCA)

Board of Examiners

Legislative Council Bureau Tour

Public Works Directors Meeting

AASHTO Subcommittee on Maintenance



State of Nevada
**Advisory Committee on Transportational
Storm Water Management**



ABOUT THE COMMITTEE:

The Advisory Committee on Transportational Storm Water Management was created in 2015 by the Nevada State Legislature as part of Senate Bill 324. The Committee shall work cooperatively with the Nevada Division of Environmental Protection (NDEP) to monitor the status and efficacy of the Nevada Department of Transportation's storm water program, and ensure its sound implementation and functioning.

The Advisory Committee is made up of five members appointed by the Director of the Nevada Department of Conservation and Natural Resources. Meetings are chaired by Mr. David Emme, NDEP Administrator, and members serve three-year terms beginning July 1, 2015.




The five members of the Advisory Committee are:

Member	Representing
Leo Drozdoff, P.E., Director	Nevada Department of Conservation and Natural Resources
David Emme, Administrator	Nevada Division of Environmental Protection
Dave Gaslin, P.E., Deputy Director	Nevada Department of Transportation
Craig Mastore	The Associated General Contractors of America
Gale Fraser	The Public





PUBLIC OUTREACH

NDOT STORMWATER CAMPAIGN

loveNVwaters.com

UNR Reynolds School of Journalism conducted research & developed a brand based on research data

- creates a personal connection
- promotes a sense of ownership and responsibility
- communicates NDOT's commitment



Love NV Waters @lovenvwaters · Jul 8
Thanks Stephen for showing your #loveNVwaters support #LasVegasParks
#reno #Nevada No Blister = cleaner #water



NEW LOGO

- NDOT Communications Team / UNR

Outreach

- events, meetings, grassroots efforts
- social media platforms
- public service announcements, education





WEBSITE and OUTREACH

Love NV Waters outreach campaign launch

Social media outreach

Stormwater logo and links on homepage

Illicit discharge reporting form & comments form

FAQ section

Emergency contacts

Resources and documents

Public involvement, information and educational materials

Events, conferences, presentations

PSA Video 1



PSA Video 2





PROTECTING NEVADA'S WATERS

NDOT is developing a dedicated Stormwater Division that focuses on meeting and exceeding the stormwater provisions of the Clean Water Act

