



# Nevada Department of Transportation

## STORMWATER PROGRAM UPDATE



July 20, 2016  
AASHTO Subcommittee on Maintenance

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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.

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

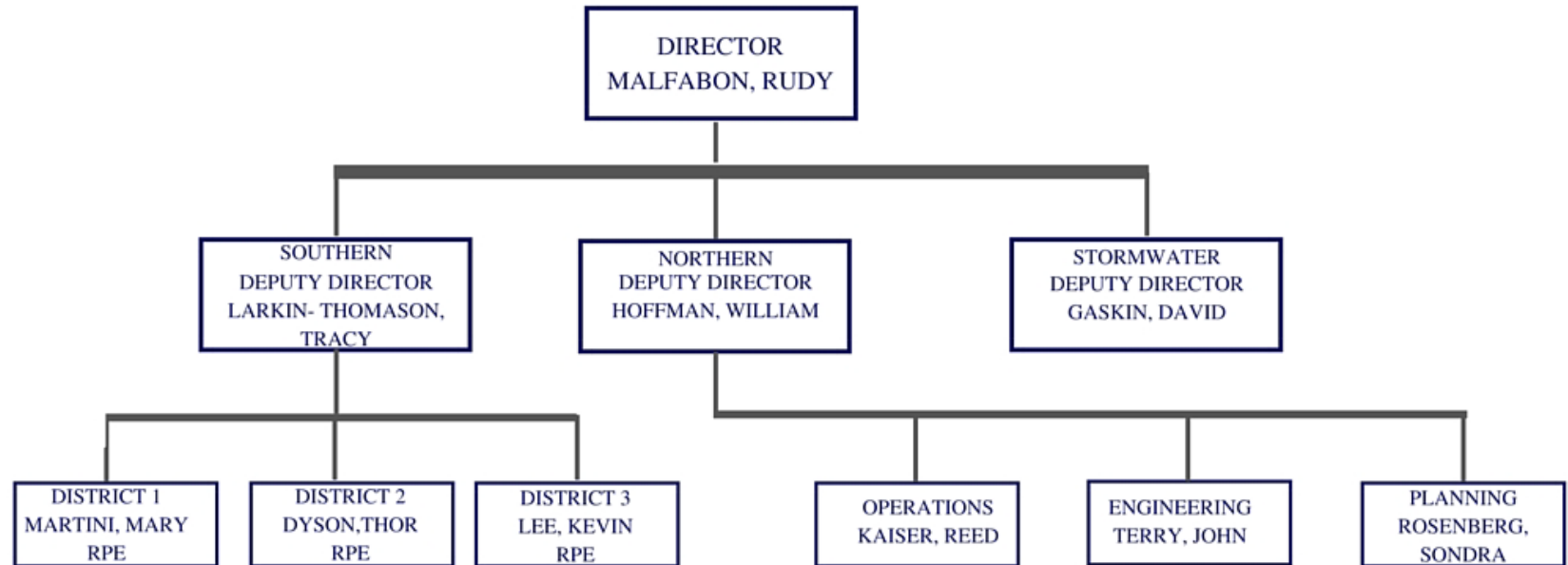
Parties have reached agreement on settlement terms

Board of Examiners approved settlement terms July 7, 2016

Consent Decree has been finalized

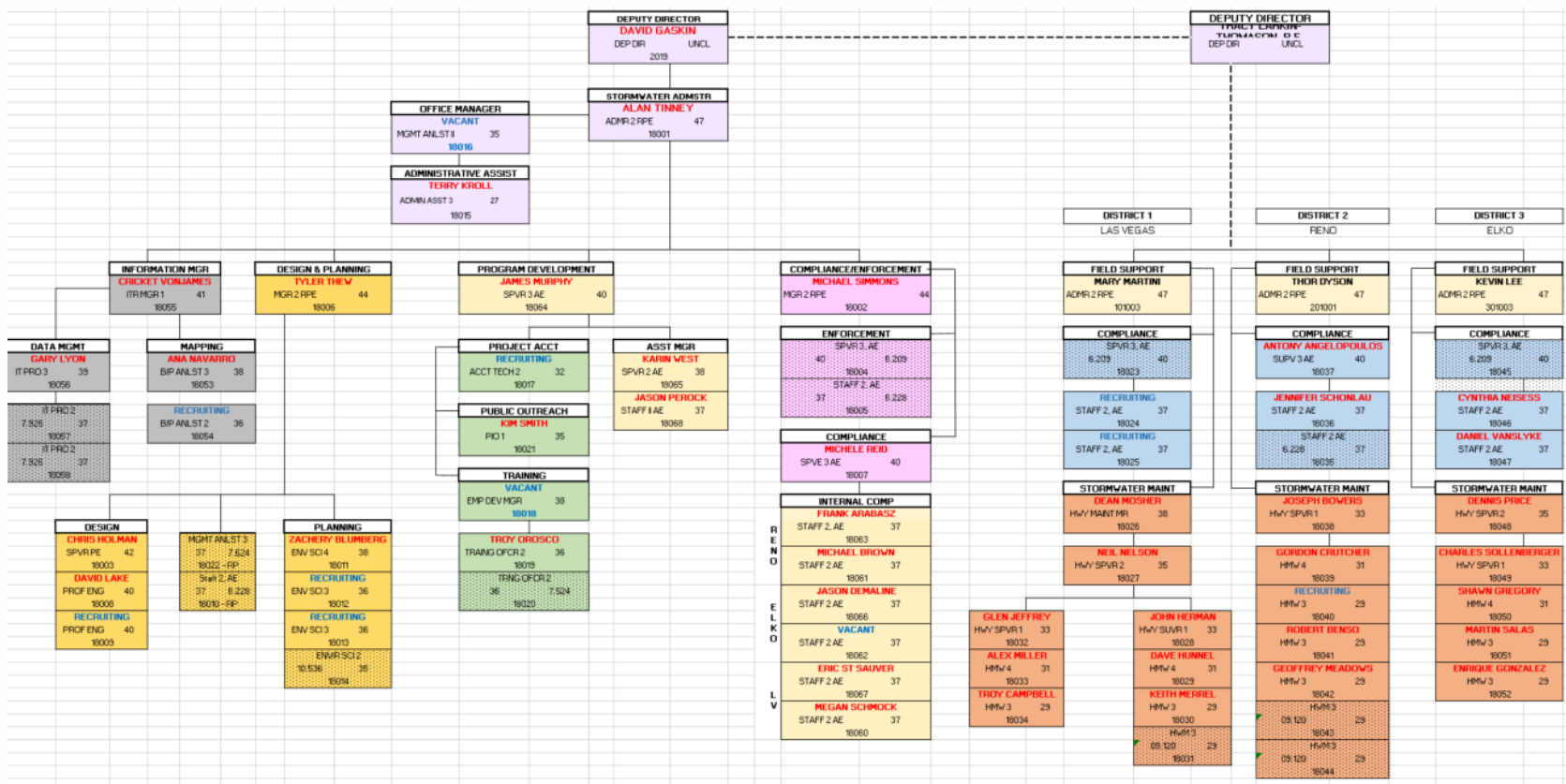


# NDOT ORG CHART





# STORMWATER ORG CHART



# STATUS UPDATE

- Deputy Director
- Stormwater Division Chief
- Information Manager
- Design and Planning Manager
- Program Manager
- Compliance/Enforcement Manager

Hiring of additional staff is ongoing, including compliance and maintenance personnel in the 3 districts





# STORMWATER EQUIPMENT



Culvert cleaners

Remote control loaders and trailers

Sweepers

Pickups



# 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
- Operation and Maintenance Program
- Maintenance Facilities





# MAINTENANCE YARDS

NDOT is updating and improving maintenance yards statewide

## 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

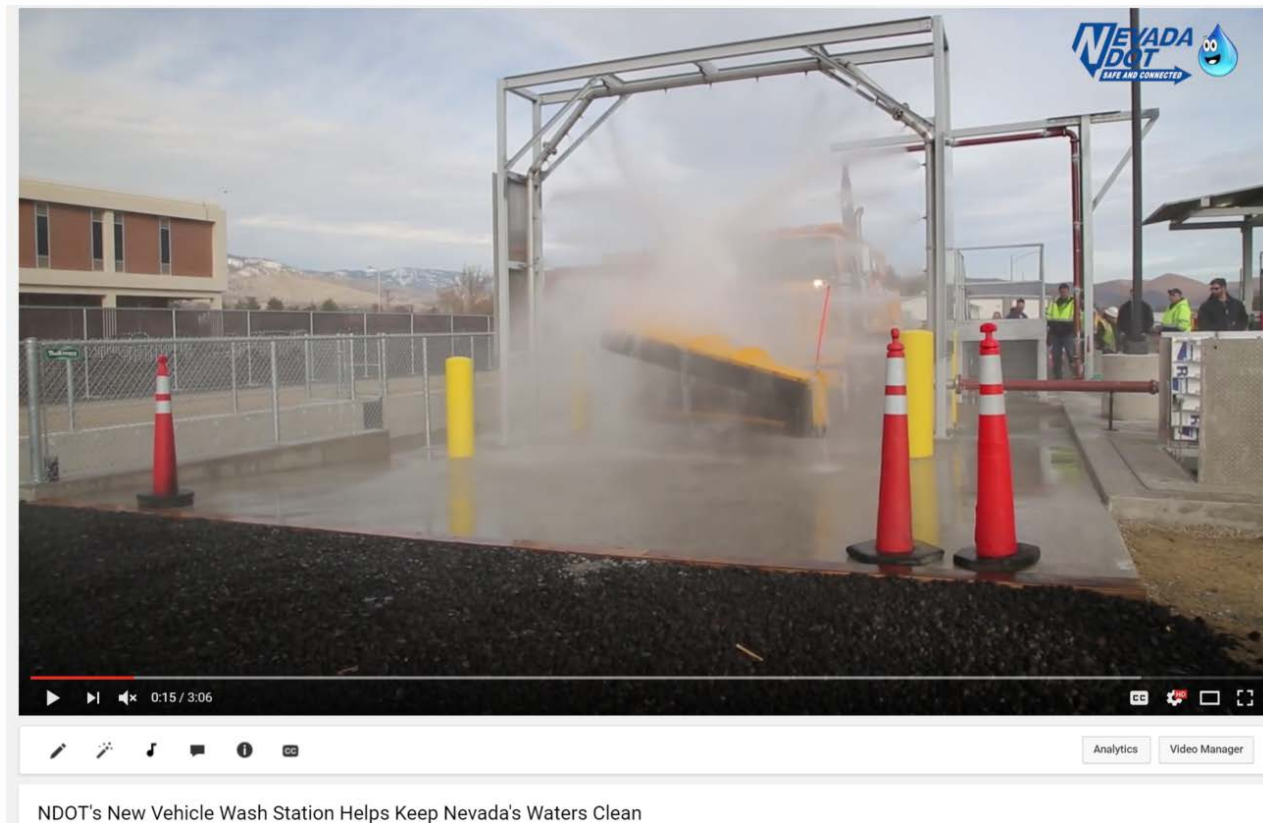
# IN THE MEDIA

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



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

# NEW VEHICLE WASH PADS

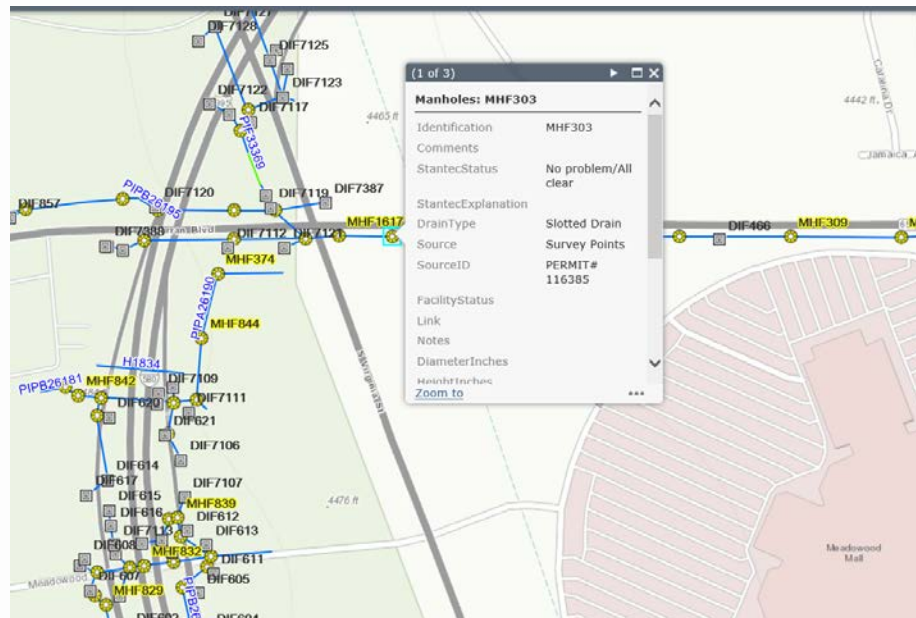


<https://www.youtube.com/watch?v=d9tuch1OKmM>

# TECHNOLOGY IMPLEMENTATION

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 for data sharing, maintenance scheduling, and future planning use





# WEBSITE and OUTREACH

Stormwater logo and links on home page

Illicit discharge reporting form & comments form

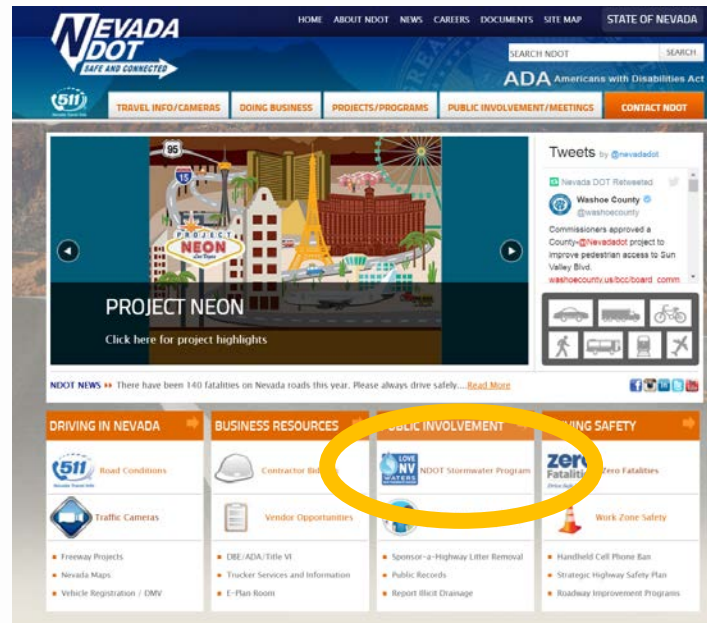
FAQ section

Emergency contacts

Resources and documents

Public involvement, information and educational materials

Love NV Waters outreach campaign







# MEETINGS and PRESENTATIONS

Transportation Board

Advisory Committee on Transportation 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



# 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

