

**MEETING OF THE
ADVISORY COMMITTEE ON TRANSPORTATIONAL STORMWATER MANAGEMENT**

Summary Minutes

Tuesday, June 14, 2016

9:00 AM

**901 S. Stewart St. Great Basin Conference Room
Carson City, NV 89701**

**Video Conference – NDEP Las Vegas Office, Red Rock Conference Room
2030 E. Flamingo Rd., Ste. 230
Las Vegas, NV 89119**

Members Present:

David Emme, Administrator, Nevada Division of Environmental Protection - Chairman
Leo Drozdoff, P.E., Director, Department of Conservation & Natural Resources
David Gaskin, P.E., Deputy Director, Nevada Department of Transportation
Craig Madole, CEO, Nevada Associated General Contractors of America, Inc.
Gale Fraser, Public - Retired General Mgr., Clark County Regional Flood Control Dist.

Beginning Summary Minutes

- I. Call to Order, Roll Call, Establish Quorum: (Discussion)** Chairman Emme called the meeting to order at 9:00 a.m. and confirmed all members present, therefore they had a quorum.
- II. Public Comment: (Discussion)** Chairman Emme called for public comment. There was none.
- III. Approval of Agenda: (For Possible Action)** Chairman Emme requested comments from the members on the agenda. Hearing none, agenda was approved.
- IV. Approval of Meeting Minutes: (For Possible Action)** Chairman Emme requested comments from the minutes. David Gaskin made a motion to approve the March 15, 2016 meeting minutes with a few minor corrections. With the corrections made Leo Drozdoff seconded the motion. The motion approved unanimously.
- V. Update on NDOT Stormwater Program Staffing:** David Gaskin gave a power point presentation of the Stormwater Program update, and provided history on the development of the NDOT Stormwater Program. NDOT is working with the EPA and Nevada Division of Environmental Protection to implement a Stormwater Program that meets or exceeds all requirements. (Attachment 1).

Mr. Gaskin displayed an organizational chart of the positions hired to date and stated managers were there to introduce themselves and give a brief background.

Cricket Vonjames, Information Manager, has a background in technology, compliance, rules and regulations as the Database and Applications manager for the Attorney General's Office. Gary Lyon was hired as the Project Manager, and Ana Navarro as the Business Process Analyst.

Tyler Thew, Design and Planning Manager has over 20 years of stormwater experience and his responsibilities involve incorporating stormwater improvements into construction projects. The Environmental Scientist IV position is filled and interviews are pending for the Environmental Scientist III position. This section will be monitoring, evaluating and identifying problems to hand over to the Design Section, which will be carrying out the actual construction projects and plans for those improvements. Chris Holman is the Supervisor for the Design Section and interviews have been conducted for the engineering positions.

James Murphy, Program Development Manager has 8 years of experience in the program and will focus his attention on overseeing Program Development specifically in regard to stormwater training, public education and outreach. The section will ensure that projects are compliant with Section 404 and Section 401 permitting. Staffing for this section is approximately two-thirds complete. Karin West, Supervisor II and Jason Perock, Staff II Engineer, previously worked in NDOT's Environmental Services. This section is in the process of hiring a Training Manager and Troy Orosco, Officer II is developing stormwater training materials. Kim Smith, PIO, has been remarkable with the public education and outreach efforts.

Michael Simmons, P.E., Compliance and Enforcement Supervisor has approximately 20 years of experience in the construction field. His primary function is to develop and implement compliance and enforcement protocols that will help govern their MS 4 under the guideline of the permits. Recently they've hired Mickie Reid from NDEP and she brings good knowledge to the program. They have six internal compliance and enforcement personnel which are imbedded within the districts.

Leo Drozdoff asked how the compliance and enforcement group was going to work together.

Mr. Simmons stated staff will work extremely hard with business partners in the field to ensure they comply, and if they can't, it will be turned over to the enforcement side. Program and policy decisions are still developing. He believes that they will incorporate the public in discussions to make sure all requirements of the permit are met and the requirements of the consent decree. Most importantly, comply with the state statutes and regulations.

Craig Madole mentioned there's concern in the construction community that they are being held responsible for their permit by an entity other than NDOT, but now also through NDOT. The Silver Book is silent on this and there is nothing in their bid docs.

Mr. Simmons stated that Section 637 in the Silver Book is being revised to clean up some of those loopholes, or misconceptions, and to put it all in one place so the contractor can easily reference it. A new SWPPP template is being generated to simplify it for the contractor, resident engineer, and program staff. The contractor's name is on the permit and NDOT the owner, so NDOT's job is to make sure the project is compliant with the permit. NDOT wants the resident engineers and the construction groups to manage the stormwater permit to the best of their ability in the field.

Mr. Tinney committed to taking the draft SWPPP to the AGC and the ACTSWM Board.

Mr. Fraser asked what Environmental Protection's role is in compliance and enforcement.

Chairman Emme stated NDEP's role is to enforce the MS4 and stormwater permits that are issued by NDEP.

Mr. Drozdoff stated that we all wear different hats and so if there are things that NDEP or DCNR can do to assist in training or anything else, we certainly can assist formally, or informally.

Mr. Gaskin commented that they are in close contact with the Transportation Board, Rudy Malfabon, Director, the Legislature and meeting with EPA quarterly.

Mr. Drozdoff stated NDEP will do the formal inspection. If and when there's another audit there will be enough checks and balances done either NDOT specific or NDOT/DNCR specific that makes that next audit a positive one.

VI. Status Report on Settlement of EPA Enforcement Action: (For Possible Action) Mr. Gaskin stated NDOT is taking the legal steps to finalize the Consent Decree. It was brought to the State Board of Examiners Meeting for approval last week and they pulled it from the agenda for a technicality. The Governor's Office made it public, so now it will go back to the BOE on July 12 to get final approval. It doesn't slow down work to build the program.

Mr. Drozdoff commented that the Governor made it public record and the penalty is \$120,000.00 which in his view is very small. NDEP will receive \$60,000.00 and EPA \$60,000.00, which is a big success.

VII. Status Report on Development of NDOT Stormwater Management Program: (For Possible Action)

Mr. Gaskin gave an overview of meetings attended since the last ACTSWM meeting. (Listed in Attachment 1). In addition, Mr. Gaskin and Mr. Tinney will be meeting with EPA in July.

Mr. Tinney gave an update on equipment purchases approved by the Legislature at the last session (Listed in Attachment 1).

Mr. Tinney discussed NDOT's updates on Program Implementation.

- Completed the SWPPP Template for construction activities and a checklist for Resident Engineer.
- Start inspections in District II over the next couple of weeks to roll out the construction site stormwater inspection forms.
- The Drone RFP is closed and being reviewed and the scope of this contract will be used for training purposes as well as BMP inspections. The total cost of that contract is up to \$400,000 and the intent is to show the BMP are there from day one, from start to finish, as addressed in the Consent Decree.
- James Murphy has updated the eight hour training course which is required for staff members that handle contracts, inspections and field work. NDOT has a thirty minute online training and AGC has a sixteen hour training for NDOT and AGC has agreed to three additional trainings this month for our District II staff.
- Continue to work on the Illicit Discharge Detection and Elimination, IDDE; and a form is on our website that anyone can fill out and turn in an IDDE.
- Contract with UNR on the new Public Outreach Campaign.
- The new wash racks for equipment are set up in Carson City and in Reno.
- NDOT built new offices for the Stormwater Division on the second floor of the NDOT building.

Kim Smith, PIO NDOT Stormwater stated UNR Students at the School of Journalism conducted research and developed a campaign based on their research data. The challenge presented was, how to reach out to people and educate them about stormwater. The students did some research and came up with the slogan "Love NV Waters". Their research indicated that Love NV Waters creates personal connection with people and creates a sense of ownership and responsibility to our waters. Love NV waters communicate NDOT's commitment to protect our waters and this campaign incorporates all of that. NDOT has a new logo our media team developed, the water drop with Nevada symbol inside of it and incorporated "Love NV Waters", NDOT Storm water Program. The UNR students determined social media platforms are the biggest way to reach their group of people. The social media platforms NDOT is launching are Twitter @ Love NV Waters, Facebook – Love NV Waters, You Tube – NDOT Stormwater News and Instagram. PSAs and education materials are being developed for educators, teachers, and community groups. NDOT is hoping to launch this campaign this summer 2016.

The recent outreach events were Earth Day in Reno, SR 28 Public Meeting, Reno River Festival, Snap Shot Day with NDEP, Outdoor classroom and met with 5th Grade Students in Elko, and NDOT Bring Your Kids to Work Day.

Two videos were shown: New Wash Station & Best Management Practices for stormwater compliance. These videos can be found on under You Tube NDOT Stormwater news.

The next meeting is scheduled Sept. 14 @ 9:00 a.m. in Carson City with the room location within DCNR to be determined.

VII. Public Comment: (Discussion) Chairman Emme asked for question and public comment. There was none.

Adjourned – 10:18 a.m.



Nevada Department of Transportation



STORMWATER PROGRAM UPDATE

June 14, 2016

David Gaskin, P.E.
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.

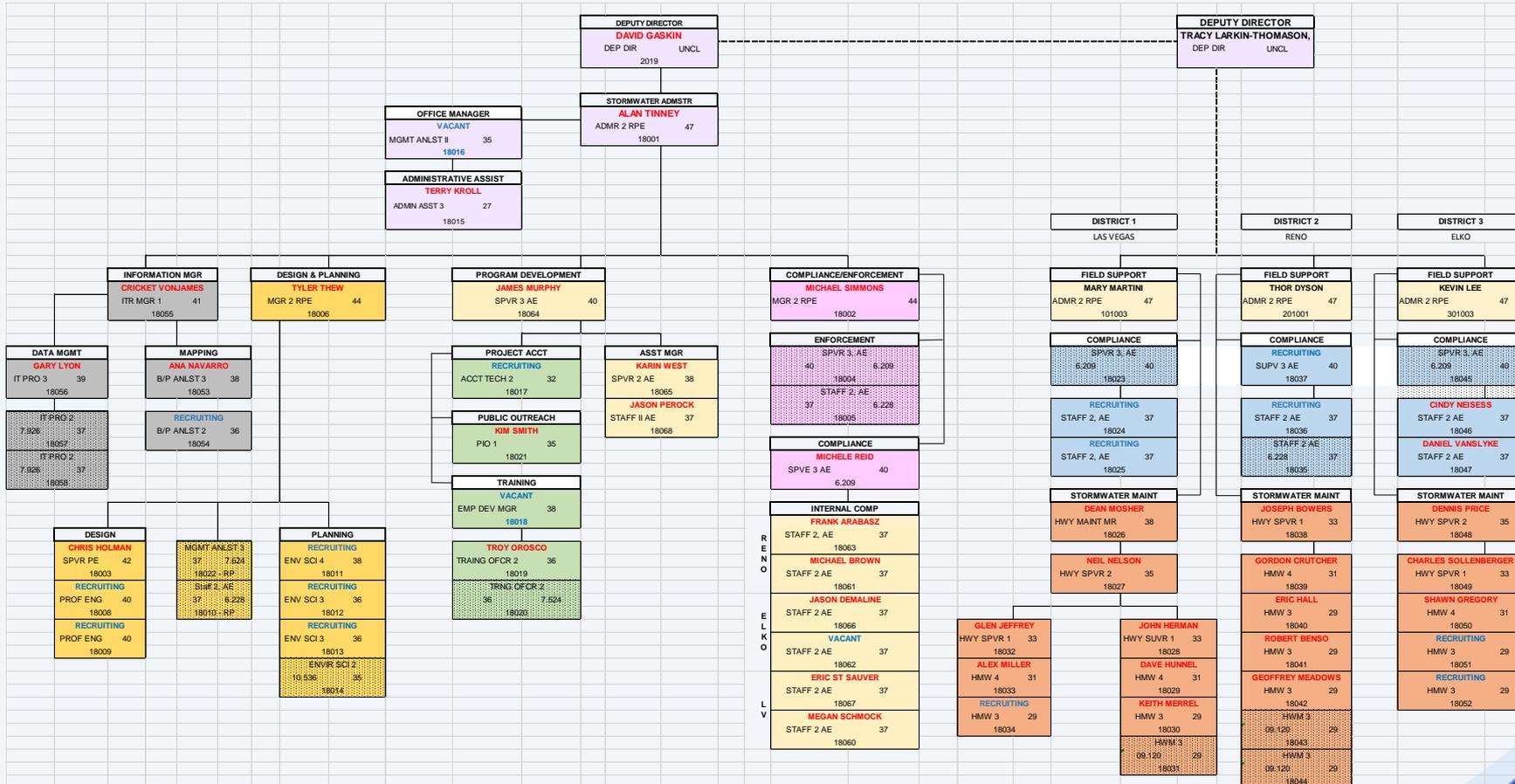
In June of 2015, the Nevada Legislature approved Senate Bill 324 and a budget amendment which gave NDOT the resources and authority necessary to build a fully compliant Stormwater Program.

SB 324 provided NDOT with enforcement authority to prevent unauthorized discharges onto state highways, rights-of-way and conveyance systems. The bill also established a new Deputy Director position and created the Advisory Committee on Transportational Storm Water Management to oversee implementation of the program.

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



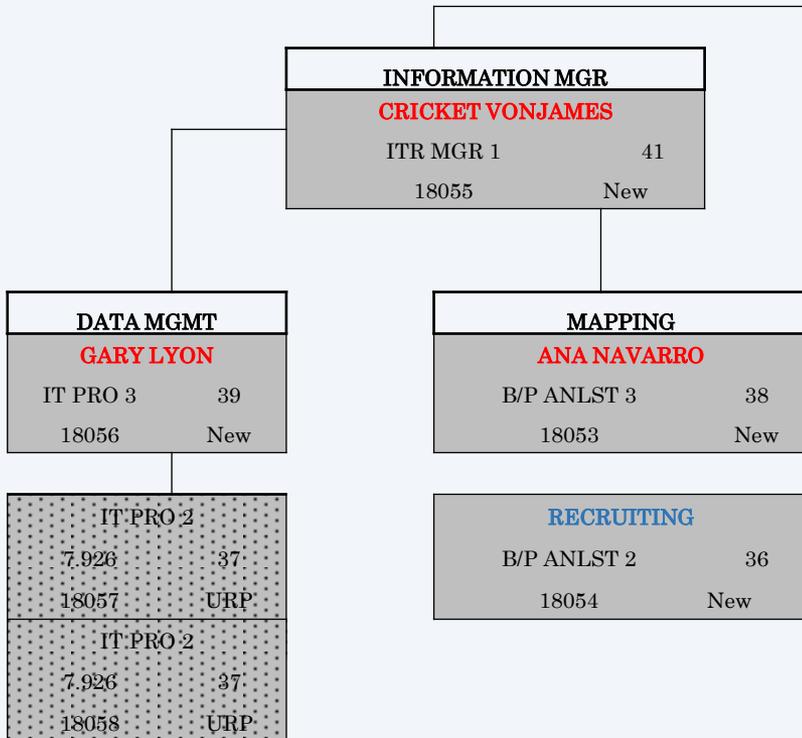
STORMWATER ORG CHART





INFORMATION MANAGEMENT

- Cricket VonJames, Information Technology Manager for the Stormwater IT group
- Manage the technical needs of the Stormwater Program to ensure compliance with EPA and NDEP by creating automated solutions both in the office and in the field using mobile devices
- Information Technology Specialists, Gary Lyon and Ana Navarro





DESIGN & PLANNING

DESIGN & PLANNING	
TYLER THEW	
MGR 2 RPE	44
18006	

DESIGN	
CHRIS HOLMAN	
SPVR PE	42
18003	
RECRUITING	
PROF ENG	40
18008	
RECRUITING	
PROF ENG	40
18009	

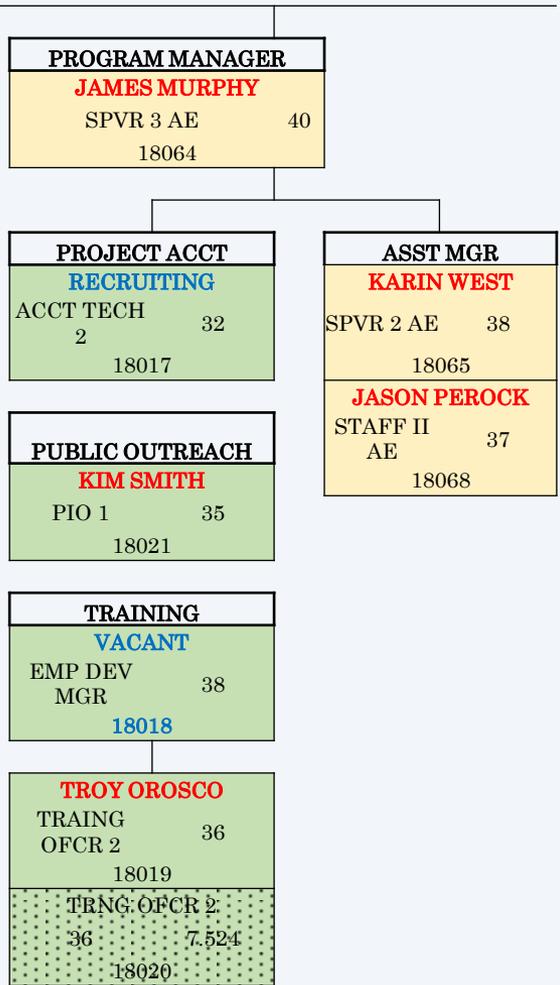
MGMT ANLST 3	
37	7.624
18022 - RP	
Staff 2, AE	
37	6.228
18010 - RP	

PLANNING	
RECRUITING	
ENV SCI 4	38
18011	
RECRUITING	
ENV SCI 3	36
18012	
RECRUITING	
ENV SCI 3	36
18013	
ENVR SCI 2	
10.536	35
18014	

- Tyler Thew, P.E.
Manager
Stormwater Design & Planning
- Responsibilities
 - New Development Program
 - Monitoring & Research Program
 - Evaluating Roadway Impacts to Impaired Waters
 - Special Projects
- Interviews have been conducted for design services positions and Env. Scientist 4
- Interviews for Env. Scientist 3 positions are pending



PROGRAM DEVELOPMENT



- James Murphy, Stormwater Program Manager, Program Development
- Oversee program development and implementation for training, public outreach and education, budget management, and compliance reporting
- Ensuring NDOT projects are compliant with Section 404 and 401 of the Clean Water Act
- Program Development group 2/3 staffed Acct Tech 2 being converted to Management Analyst IV, in process of hiring Training Manager



COMPLIANCE/ENFORCEMENT

COMPLIANCE/ENFORCEMENT		
MICHAEL SIMMONS		
MGR 2 RPE		44
	18002	

ENFORCEMENT		
SPVR 3, AE		
40		6,209
	18004	
STAFF 2, AE		
37		6,228
	18005	

COMPLIANCE		
MICHELE REID		
SPVE 3 AE		40
	6,209	

INTERNAL COMP		
FRANK ARABASZ		
STAFF 2, AE		37
	18063	
MICHAEL BROWN		
STAFF 2 AE		37
	18061	
JASON DEMALINE		
STAFF 2 AE		37
	18066	
VACANT		
STAFF 2 AE		37
	18062	
ERIC ST SAUVER		
STAFF 2 AE		37
	18067	
MEGAN SCHMOCK		
STAFF 2 AE		37
	18060	

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- Michael Simmons, P.E. Stormwater Compliance and Enforcement Manager
- Developing & implementing standard compliance and enforcement protocols to help govern NDOT's MS4
- Supervisor 3, Associate Engineer, Michele (Mickie) Reid
- Staff 2, Associate Engineer, currently under recruitment for District III, Elko



US EPA

Legal steps to finalize the Consent Decree are proceeding.

Pending July 12 Nevada Board of Examiners approval.





MEETINGS

3/17 - American Association of State Highway and Transportation Officials (AASHTO), national webinar on Stormwater Program Organization

3/18 - Associated General Contractors, AGC-NDOT Committee

4/5 - Nevada Transportation Conference, Las Vegas

4/11 - Transportation Board, update to Board

4/13 - Resident Engineer Academy, presentation

4/14 - Interim Finance Committee, on agenda but consented

4/26 - Nevada Contractors Association, NCA-NDOT Committee

5/6 - Washington DOT, peer exchange



EQUIPMENT

Pickups - Being delivered to Districts and Headquarters

Culvert cleaners – Received and being prepped for delivery to Districts

Remote control loaders and trailers – Received and being prepped for delivery to Districts

Sweepers – Arriving at NDOT this month for prep and delivery to Districts



PROGRAM IMPLEMENTATION

- SWPPP Template for Construction Activities
- SWPPP Completion checklist for Resident Engineers
- Construction Site Stormwater Inspection Form
- Drone RFP closed and being reviewed
- Updated Training
- Illicit Discharge Detection and Elimination
- New Public Outreach Campaign
- New wash racks for equipment
- New offices





PUBLIC OUTREACH

LOVE NV WATERS NDOT STORMWATER CAMPAIGN

UNR School of Journalism conducted research & developed the campaign based on research data

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

NEW LOGO

- NDOT Media Team / UNR

Outreach

- events, meetings, grassroots efforts
- social media platforms
- PSA, education

Campaign launch Summer 2016





SOCIAL MEDIA



@loveNVwaters
#loveNVwaters



Love NV Waters



NDOT
STORMWATER NEWS





PUBLIC OUTREACH

Recent Outreach Events

- Earth Day Reno
- SR 28 Public Meeting
- Cave Rock Public Meeting
- Reno River Festival
- Snap Shot Day NDEP
- Elko Lamoille
5th Grade Students
- NDOT Bring Your Kids to Work Day





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

