Cricket VonJames IT Manager
Stormwater Division

Nevada Department of Transportation

ArcGIS Connects Everyone

Creating a System of Engagement

Supporting Real-Time Awareness and Collaboration

GIS Provides a Common Language for Communication

OREGON
IDAHO
CALIFORNIA
UTAH
ARIZONA
HUMBOLDT
ELKO
WASHOE
PERSHING
LANDER
EUREKA
WHITE PINE
CHURCHILL
STOREY
LYON
DOUGLAS
MINERAL
NYE
LINCOLN
ESMERALDA
CLARK
DISTRICT 2
DISTRICT 3
DISTRICT 1
NEVADA DOT
SAFE AND CONNECTED

80
Carson City
NEVADA
Great Salt Lake
84
Salt Lake City
15
UTAH
70
Sacramento
Oakland
San Jose
5
Fresno
CALIFORNIA
Las Vegas
Bakersfield
15

Field Mobility

Maps in Collector

All | On Device

32 maps

SAM

11/21/18 | NDOT

C&E Outfall Map

1/16/19 | Nalishebo

C&E Map_SysT

12/6/18 | Nalishebo

MAINT_FAC_MAT_PITS

7/18/18 | Chad

2018SurveyData

8/15/18 | Chad

Asset Lists

12/3/18 | Cindy

Assets and Photos Map

1/17/19 | NDOT

FEMA 100-year Floodplain

11/21/18 | NDOT

GR_DATA_COLLECTION

8/2/18 | Chad

Luminaire

8/2/18 | Chad

M.A.P. Deficient Assets 2017

3/12/18 | Chad

Mike's Wish List for C & E

12/7/17 | Mike

Monitoring Site TEST map

11/21/18 | NDOT

P Prioritization_Zones_Preliminary

12/27/18 | Chris

Project 73928 Pre-Design

11/21/18 | NDOT

Asset Based GIS System

Map of Assets for Inspection

Pipe Maintenance Questions

Pipe Condition

Determining Damage

Damage Assessment

Assessment of Clogged Drainage

Pipe Inspection Record

Maintenance Required

Asset now flagged for Maintenance

Asset Maintenance Completed

Selecting Base Maps in Collector

Base Map with Imagery and Labels

Stormwater News: A Look at the New Stormwater Mobile Application

Outfall Definition:

36 inches or larger that discharge to waters of the US

12 inches or larger in an industrial zone

The Clean Water Act

1972, 1977

The cornerstone of surface water quality protection in the United States …

… gave EPA the authority to implement pollution control programs *and*

… established the basic structure for regulating discharges of pollutants into the waters of the United States

Stormwater News: A Look at the New Stormwater Mobile Application

Outfalls Shown in GIS Map

State Farm
The UPS Store
$499

STORM
DRAIN
INDIA

Major Outfall Accuracy

Major Outfall Accuracy

Major Outfall Accuracy

Major Outfall Accuracy

Major Outfall Accuracy

Major Outfall Accuracy

Outfall Accuracy

ESRI's Red Lining Tool

ESRI's Red Lining Tool

ESRI's Red Lining Tool

ESRI's Red Lining Tool

ESRI's Red Lining Tool

Major Outfall Inspection

Outfall Inspection

Emergency Managemen

Emergency Management

All | On Device

FEMA 100-year Floodplain

2017 Massive Flood Damage

Verizon LTE
5:54 PM
100%
Maps
Montello Creek
Charley Creek
nmigrant Creek
Montello
SR233
Pilot Creek
Inspection Points:
Details
Location
Lat: 41.21066566° Long: -114.23795828°
Created by cvonjames_NDOT seconds ago
Inspection Points:
Blockage
WaterLevel
Erosion
Repair Priority
Comments_Desc
CollectorID
CollectionDate

2017 Massive Flood Damage
SR 447 Pyramid Lake 2017

2017 Massive Flood Damage
SR 447 Pyramid Lake 2017

Details

Location

Lat: 39.88581899° Long: -119.51608454°

Created by cvonjames_NDOT seconds ago

Inspection Points:

Blockage

WaterLevel

Erosion

Repair Priority

Comments_Desc

CollectorID

CollectionDate

NDOT Stormwater Home Page

Travel Info | Doing Business | Projects/Programs | Safety | Mobility

- Stormwater
  - Stormwater Event Calendar
  - Report an Illicit Discharge
  - Questions or Comments
  - Frequently Asked Questions
  - Contacts and Helpful Information
  - Public Education
  - Public Participation Opportunities
  - Media and News
  - Resources/Documents
  - MS4 Permit
  - Mapping
  - Lake Tahoe

Doing Business » About NDOT » NDOT Divisions »

Stormwater

Font Size: Share & Bookmark Feedback Print

Preserve Nevada's water quality today and for future generations.

@loveNVwaters

Real-Time Continuous Monitoring Project

Take a look at what is happening at sites around the State during a storm event!
NDOT has implemented a pilot project to evaluate technology to continuously track and view water quality information in real time in certain locations around the state.
Click here to see Real-time Data
Was the information useful? How can we improve the website and information provided?
Please send us comments on this project

LOVE NV WATERS
NDOT STORMWATER PROGRAM

Nevada Department of Transportation

Questions ?

Cricket VonJames | IT Manager – Stormwater Program
Information Technology | Nevada Department of Transportation
O: (775) 888-7479 | C: (775) 301-9768 | E: cvonjames@dot.nv.gov

MAKING A STORMWATER PROGRAM SUCCESSFUL

Thank You

Using GIS Technology and Digital Resources