FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: TRUCKEE MEADOWS FIRE PROTECTION DISTRICT

3663 BARRON WAY
RENO, NV 89511

Permit Number: NS2025516

Permit Type: GROUNDWATER DISCHARGE

Designation: GROUNDWATER

New/Existing: NEW

Location: TRUCKEE MEADOWS FIRE PROTECTION DISTRICT - STATION 35, WASHOE
21233 RENO TECHNOLOGY PKWY W, WASHOE COUNTY, NV 89434
LATITUDE: 39.558889, LONGITUDE: -119.566389
TOWNSHIP: T20N, RANGE: R22E, SECTION: S29N

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Latitude	Longitude	Receiving Water
001	INFILTRATION BASIN	External Outfall		39.555990	-119.566540	GROUNDWATER

Permit History/Description of Proposed Action
This is a new permit. The project is under construction. The proposed action is to discharge water from washing fire trucks within the apparatus bay to a sand-oil interceptor that discharges to an infiltration basin and then to groundwater.

Facility Overview
The Truckee Meadows Fire Protection District's Station 35 project is located at 21233 Reno Technology Pkwy W off of Interstate 80, east of Sparks located in Washoe County. The project consists of a fire station building with an apparatus bay, a pump house building, an on-site water well, a fire water tank, and an on-site sewage disposal system under permit GNEVOSDS09-S-0784. The outfall for the proposed portion of the project related to this permit is from the trench drain located in the apparatus bay that discharges to an on-site infiltration basin that will be utilized for percolation into groundwater.

Outfall Summary
Outfall 001: on-site infiltration basin

Effluent Characterization
Effluent is from fire truck washing within the apparatus bay. The apparatus bay will be kept clean. Water will flow through a sand-oil interceptor prior to discharging into an infiltration basin where the discharge will percolate to groundwater. No significant pollutants are expected after the sand-oil interceptor.

The average 30-day flow rate was calculated to be approximately 245 Gallons per Day (gal/d). This is based on one 30-minute wash (~600 gallons) anticipated 12 times per month. The daily maximum flow is based on one 60-minute wash per day.

Pollutants of Concern
Pollutants of concern are any pollutant, or parameters, that are believed to be present in the discharge and could affect or alter the physical, chemical, or biological conditions of the receiving water. Potential pollutants of concern include sediment (dust on trucks) and oil/gas (to be separated by the sand-oil interceptor). No anticipated water quality concerns are expected due to the project's location and the use of a sand-oil interceptor, combined with percolation and infiltration into groundwater.

Receiving Water
The receiving water is groundwater of the State. Nevada Division of Water Resources (NDWR) well logs indicate that the static water levels in wells proximate to the development area are at least 45 feet below the existing ground surface.

Compliance History
This is a new permit, and there is no compliance history associated with it.

Proposed Effluent Limitations
The discharge shall be limited and monitored as specified below:

NS OTHER - Discharge Limitations Table for Sample Location 001 (Infiltration Basin) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Flow rate	30 Day Average	<= 245 Gallons per Day (gal/d)		Effluent Gross	001	Continuous	METER
Flow rate	Daily Maximum	<= 1196 Gallons per Day (gal/d)		Effluent Gross	001	Continuous	METER
Hydrocarbons, total petroleum	Daily Maximum		<= 1 Milligrams per Liter (mg/L)	Effluent Gross[1]	001	Quarterly	COMPOS

Notes (NS OTHER - Discharge Limitations Table):

1. Samples shall be collected from the end of the pipe prior to discharge.

NS OTHER - Discharge Limitations Table for Sample Location 001 (Infiltration Basin) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Alkalinity, bicarbonate (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Alkalinity, total (as CaCO3)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Aluminum, dissolved (as Al)	Daily Maximum		<= 0.2 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Antimony, dissolved (as Sb)	Daily Maximum		<= 0.006 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Arsenic, dissolved (as As)	Daily Maximum		<= 0.010 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Barium, dissolved (as Ba)	Daily Maximum		<= 2.0 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Beryllium, dissolved (as Be)	Daily Maximum		<= 0.004 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Cadmium, dissolved (as Cd)	Daily Maximum		<= 0.005 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Calcium, dissolved (as Ca)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Chloride (as Cl)	Daily Maximum		<= 400 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Chromium, dissolved (as Cr)	Daily Maximum		<= 0.1 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
			<= 1.0				

NS OTHER - Discharge Limitations Table for Sample Location 001 (Infiltration Basin) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Copper, dissolved (as Cu)	Daily Maximum		Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Fluoride, total (as F)	Daily Maximum		<= 4.0 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Iron, dissolved (as Fe)	Daily Maximum		<= 0.6 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Lead, dissolved (as Pb)	Daily Maximum		<= 0.015 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Magnesium, dissolved (as Mg)	Daily Maximum		<= 150 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Manganese, dissolved (as Mn)	Daily Maximum		<= 0.10 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Mercury, dissolved (as Hg)	Daily Maximum		<= 0.002 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Nitrite plus nitrate total 1 det. (as N)	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Nitrogen, total	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
pH, maximum	Daily Maximum		<= 8.5 Standard Units (SU)	Effluent Gross	001	Annual	DISCRT
pH, minimum	Daily Minimum		>= 6.5 Standard Units (SU)	Effluent Gross	001	Annual	DISCRT
Potassium, dissolved (as K)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT

NS OTHER - Discharge Limitations Table for Sample Location 001 (Infiltration Basin) To Be Reported Annually[1]

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Selenium, dissolved [as Se]	Daily Maximum		<= 0.05 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Silver, dissolved (as Ag)	Daily Maximum		<= 0.1 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Sodium, dissolved (as Na)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Sulfate, total (as SO4)	Daily Maximum		<= 500 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Thallium, dissolved (as Tl)	Daily Maximum		<= 0.002 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Solids, total dissolved	Daily Maximum		<= 1000 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Uranium, natural, total	Daily Maximum		<= 0.01 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Cyanide, weak acid, dissociable	Daily Maximum		<= 0.2 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT
Zinc, dissolved (as Zn)	Daily Maximum		<= 5.0 Milligrams per Liter (mg/L)	Effluent Gross	001	Annual	DISCRT

Notes (NS OTHER - Discharge Limitations Table):

1. Samples shall be collected from the end of the pipe prior to discharge.

Summary of Changes From Previous Permit

This is a new permit, and there is no summary of changes from previous permit associated with it.

Technology Based Effluent Limitations

Technology based effluent limitations are not applicable to this permit.

Water Quality Based Effluent Limitations
Water Quality Based Effluent Limitations are not applicable to this permit.

Basis for Effluent Limitations
There are currently no specific water quality standards that have been formally adopted by the State for groundwater. However, the Division has the discretion to implement effluent limitations outside water quality standards pursuant to NAC 445A.243, which states, “In establishing an effluent limitation to carry out the policy of this State set forth in NRS 445A.305, consideration must be given to, but is not limited by, the following: … (2) the need for standards that specify, by chemical, physical, biological, or other characteristics, the extent to which pollution by various substances will not be tolerated.”

Profile 1: The requirement to monitor the effluent for Profile 1 pollutants annually is included to evaluate the quality of the effluent and determine whether the effluent has the potential to impact the receiving groundwater.

The constituents listed in Profile 1 are based on the EPA’s drinking water quality standards and focus on those that pose the highest risk to groundwater in Nevada. They have been vetted by the Division and included in groundwater discharge permits as a means of regulating groundwater quality. Pursuant to Nevada Revised Statute (NRS) 445A.490, “No permit may be issued which authorizes any discharge or injection of fluids through a well into any waters of the State: … (3) which would result in the degradation of existing or potential underground sources of drinking water.”

TPH: Effluent limitations for discharges from the sand-oil interceptor are established to ensure compliance with applicable state water quality standards and to minimize the discharge of pollutants associated with TPH as oil- and grease-contaminated wastewater.
The sand-oil interceptor is designed to remove settleable solids, floatable materials, oil, and grease generated from vehicle washing and equipment maintenance activities. Without treatment, such discharges may contain pollutants that can cause visible sheen and degradation of receiving groundwaters.

Anti-backsliding
To prevent backsliding, effluent limitations in reissued permits must be as stringent as those in the previous permit. This permit is not subject to backsliding because it is a new permit.

Antidegradation
The Division has developed an antidegradation regulation that is applied statewide and meets the statutory requirements of Nevada’s water pollution control law, as outlined in Nevada Revised Statutes (NRS) 445A.520 and NRS 445A.565. This regulation is consistent with the federal antidegradation policy outlined in Title 40 of the Code of Federal Regulations (CFR) § 131.12. The objective of the Division’s antidegradation regulation is to prevent the degradation of Nevada’s surface waters and to maintain the unique attributes, special characteristics, and water quality associated with high-quality waters.

Since this permit is for potential discharges to groundwater, not surface water, the new antidegradation rule is not applicable.

Special Conditions
There are no Special Approvals / Conditions associated with this permit.

SA – Special Approvals / Conditions Table

There are no Special Approval / Condition items

Discharges From Future Outfalls/ Planned Facility Changes
No discharges from future outfalls or planned facility changes beyond what is permitted are anticipated.

Corrective Action Sites

There is one Bureau of Corrective Actions (BCA) remediation site located within one mile of this facility. Event ID 8679 is located approximately 0.8 miles from the fire station, on the south side of Interstate 80. The site involved a diesel spill that occurred in 2017. The closure status of the site is Closed.

Wellhead Protection Program

The outfall is not located within a Wellhead Protection Area, which represents an approximate 10-year capture zone of a well, or within a Drinking Water Protection Area, which is defined by a 3,000-foot radius around a PWS well.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	All Discharge Monitoring Reports (DMRs) shall be submitted electronically through the Nevada NetDMR website: https://netdmr.ndep.nv.gov/netdmr/public/home.htm.	7/28/2026
2	The Permittee shall submit two (2) copies of a new Operations and Maintenance (O&M) Manual for review and approval by the Division. (one (1) electronic and one (1) hard copy) The O&M Manual shall be prepared, signed, and stamped by a Nevada Registered Professional Engineer, in accordance with NAC 625.610.	7/1/2026

Deliverable Schedule:

DLV– Deliverable Schedule for Reports, Plans, and Other Submittals

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	7/28/2026
2	Annual DMRs	Annually	1/28/2027

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to groundwater of the State of Nevada subject to the conditions contained within the permit, is being mailed to interested persons on our mailing list and will be posted on our website at https://ndep.nv.gov/posts. Anyone wishing to comment on the proposed permit can do so in writing until 5:00 P.M. **3/10/2026,** a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator of EPA Region IX or any interested agency, person or group of persons. The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted. Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted in accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination:

The Division has made the tentative determination to issue/re-issue the proposed 5-year permit.

Prepared by: **Lior Singer P.E. M.Sc.**
Date: **1/29/2026**
Title: **Environmental Engineer**