



**FACTSHEET**  
**(pursuant to NAC 445A.236)**

**Permittee Name:** CITY OF SPARKS  
431 PRATER WAY  
SPARKS, NV - 89431

**Permit Number:** NS2009502

**Location:** CITY OF SPARKS - TRUCK FILL STATIONS, WASHOE  
431 PRATER WAY, SPARKS, NV - 89431  
LATITUDE: 39.67851370, LONGITUDE: -119.710170  
TOWNSHIP: 19N, 21N, RANGE: 20E, SECTION: 11, 23, 35

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	SHA NEVA FILL STATION	External Outfall		SPARKS	NV	89441	WASHOE	39.67851370	-119.710177	GROUNDWATER
002	TRUCKEE MEADOWS FIRE DEPARTMENT STATION #4 FILL STATION	External Outfall		SPARKS	NV	89441	WASHOE	39.636628	-119.708661	GROUNDWATER
003	KLEPPE LANE FILL STATION	External Outfall		SPARKS	NV	89431	WASHOE	39.52286111	-119.708130	GROUNDWATER
004	FILL STATION #4	External Outfall		SPARKS	NV	89431	WASHOE	39.540398	-119.748812	GROUNDWATER
005	FILL STATION #5	External Outfall		SPARKS	NV	89431	WASHOE	39.540398	-119.748812	GROUNDWATER
006	SUM OF OUTFALLS 001, 002, 003, 004, & 005	Sum		SPARKS	NV	89431	WASHOE	39.540398	-119.748812	GROUNDWATER

**General:**

The Permittee, City of Sparks, has applied for the renewal of permit NS2009502 for the City of Sparks Truck Fill Stations. The permit authorizes the City of Sparks to discharge treated effluent at various locations throughout Sparks for dust control, soil conditioning, construction water, and spray and drip irrigation. The reclaimed water is supplied by the Truckee Meadows Water Reclamation Facility (TMWRF) and is managed at the following five truck fill stations in Sparks: Sha Neva at 185 Design Place, Truckee Meadows Fire Department Station (TMFDS) #4 at 500 Rockwell Boulevard, Kleppe Lane at 1850 Kleppe Lane, and fill stations #4 and #5, whose locations are to be determined. Of the three existing truck fill stations, only two, Sha Neva and TMFDS #4, are currently operational.

**Discharge Characteristics:**

TMWRF supplies tertiary-treated, denitrified, disinfected reclaimed water that meets Category B quality in accordance with NAC 445A.276.

**Receiving Water:**

The receiving water is groundwater of the State. Groundwater in the area is potable and the depth to groundwater varies throughout the area. Continued reuse activities are not expected to negatively impact the groundwater.

**Summary of Changes From Previous Permit:**

The requirement to report the flow rate in million gallons per month has been removed.

The requirement to report the total volume of effluent applied annually has been removed.

The requirement to report fecal coliform has been removed; the concentration of fecal coliform in the treated effluent is limited and reported by TMWRF in accordance with permit NS2003506.

Due to the new naming conventions at the Nevada Division of Environmental Protection (NDEP), Bureau of Water Pollution Control, the permit number has been changed from NEV2009502 to NS2009502. This change does not reflect a change in the type of permit being issued.

**Proposed Effluent Limitations:**

The discharge shall be limited and monitored by the Permittee as specified below:

**Re-use Discharge Limitations Table for Sample Location 001 (Sha Neva) To Be Reported Monthly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	Daily Maximum	<= 0.22 Million Gallons per Day (Mgal/d)		Prior to Reuse	001	Continuous	METER
Flow rate	30 Day Average	<= 0.18 Million Gallons per Day (Mgal/d)		Prior to Reuse	001	Continuous	METER

**Re-use Discharge Limitations Table for Sample Location 002 (Truckee Meadows Fire Department Station #4) To Be Reported Monthly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	Daily Maximum	<= 0.33 Million Gallons per Day (Mgal/d)		Prior to Reuse	002	Continuous	METER
Flow rate	30 Day Average	<= 0.20 Million Gallons per Day (Mgal/d)		Prior to Reuse	002	Continuous	METER

**Re-use Discharge Limitations Table for Sample Location 003 (Kleppe Lane) To Be Reported Monthly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	30 Day Average	<= 0.20 Million Gallons per Day (Mgal/d)		Prior to Reuse	003	Continuous	METER
Flow rate	Daily Maximum	<= 0.22 Million Gallons per Day (Mgal/d)		Prior to Reuse	003	Continuous	METER

**Re-use Discharge Limitations Table for Sample Location 004 (Fill Station #4) To Be Reported Monthly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	Daily Maximum	<= 0.22 Million Gallons per Day (Mgal/d)		Prior to Reuse	004	Continuous	METER
Flow rate	30 Day Average	<= 0.20 Million Gallons per Day (Mgal/d)		Prior to Reuse	004	Continuous	METER

**Re-use Discharge Limitations Table for Sample Location 005 (Fill Station #5) To Be Reported Monthly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	Daily Maximum	<= 0.22 Million Gallons per Day (Mgal/d)		Prior to Reuse	005	Continuous	METER
Flow rate	30 Day Average	<= 0.20 Million Gallons per Day (Mgal/d)		Prior to Reuse	005	Continuous	METER

**Re-use Discharge Limitations Table for Sample Location 006 (Sum Of Outfalls 001, 002, 003, 004, & 005) To Be Reported Monthly**

Parameter	Discharge Limitations			Monitoring Requirements			
	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	Daily Maximum	<= 1.21 Million Gallons per Day (Mgal/d)		Prior to Reuse	006	Monthly	CALCTD
Flow rate	30 Day Average	<= 0.98 Million Gallons per Day (Mgal/d)		Prior to Reuse	006	Monthly	CALCTD

**Rationale for Permit Requirements:**

The permit limits have been established to prevent ponding, runoff, and degradation of the receiving water.

**Fecal Coliform:**

Permit NS2003506 for TMWRF limits the concentration of fecal coliform in the supplied treated effluent to Category B quality in accordance with NAC 445A.276.

**Special Conditions:**

Substantial compliance with the current permit is a condition of permit renewal.

SA – Special Approvals / Conditions Table

Item #	Description
1	The Permittee shall notify the Division within 14 days of initiating operation of each of the following truck fill stations: <ul style="list-style-type: none"> <li>• Kleppe Lane Fill Station</li> <li>• Fill Station #4</li> <li>• Fill Station #5</li> </ul>

**Flow:**

Discharge flow rate limits are identified in the discharge limitations tables and summarized below.

Outfall	Name	Daily Maximum	30-Day Average
001	Sha Neva	0.22	0.18
002	TMFDS #4	0.33	0.20
003	Kleppe Lane	0.22	0.20
004	Fill Station #4	0.22	0.20
005	Fill Station #5	0.22	0.20
006	Sum of Outfalls 001, 002, 003, 004, & 005	1.21	0.98

**Corrective Action Sites:**

There are no Bureau of Corrective Actions (BCA) remediation sites located within one mile of the Sha Neva Fill Station. There is one BCA remediation site (4-000356) located within one mile of the TMFDS #4 Fill Station. The Kleppe Lane Fill Station is not operational, and the locations of Fill Stations #4 and #5 are to be determined. There are multiple BCA remediation sites located throughout Sparks. The BCA has indicated that it does not anticipate continued reuse activities to affect remediation activities at the identified BCA remediation site.

**Wellhead Protection Program:**

The existing fill stations (Sha Neva, TMFDS #4, and Kleppe Lane) are not located within a Wellhead Protection Area.

**Schedule of Compliance:**

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit an updated Effluent Management Plan (EMP) to the Division. The EMP shall be prepared and wet-stamped by a Nevada Registered Professional Engineer in accordance with guidance document <i>WTS-1B: General Criteria for Preparing an Effluent Management Plan</i> .	7/28/2016

**Deliverable Schedule:**

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly Discharge Monitoring Report	Quarterly	7/28/2016
2	Annual Report	Annually	1/28/2017

**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 sent to the **Reno Gazette Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing until 5:00 P.M. **3/28/2016**, 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 to 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: **Alan Pineda**

Date: **2/19/2016**

Title: **Staff I Associate Engineer**