



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

**Permittee Name:** SPARKS LEGENDS DEVELOPMENT INC  
1310 SCHEELS DR #C172  
SPARKS, NV - 89434

**Permit Number:** NS2008508

**Location:** LEGENDS AT SPARKS MARINA, WASHOE  
1310 SCHEELS DR. SUITE 172, SPARKS, NV - 89434  
LATITUDE: 39.530988, LONGITUDE: -119.720071  
TOWNSHIP: T19N, RANGE: R20E, SECTION: S10

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	SUM OF OUTFALLS 002 + 003	External Outfall		SPARKS	NV	89434	WASHOE	39.5340	-119.7150	GROUNDWATER
002	DUST CONTROL	External Outfall		SPARKS	NV	89434	WASHOE	39.5340	-119.7150	GROUNDWATER
003	IRRIGATION	External Outfall		SPARKS	NV	89434	WASHOE	39.5340	-119.7150	GROUNDWATER

**General:**

The Permittee has requested renewal of active permit, NS2008508. The Permittee currently is authorized for the use of treated effluent at a commercial development site in Sparks, immediately east of the Sparks Marina. The site receives tertiary treated, denitrified and disinfected reuse water supplied by the Truckee Meadows Water Reclamation Facility (TMWRF, permit NS2003506). Reuse activities may include dust control, soil conditioning, spray and drip irrigation of turf grasses, trees, and other landscape plant materials. The TMWRF reclaimed water supplied to the site meets NAC 445A.276 reuse Category B requirements. All reuse operations shall be conducted and operated in accordance with the Effluent Management Plan (EMP) and condition of this permit. The permittee is in substantial compliance with the permit.

**Discharge Characteristics:**

Effluent supplied by TMWRF is tertiary treated, disinfected, and denitrified domestic and industrial wastewater, which meets state reuse category B requirements. Treated effluent water quality data is supplied by TMWRF to individual users who hold active permits to reuse and discharge the treated TMWRF effluent.

**Receiving Water:**

The receiving water is groundwater via percolation.

**Summary of Changes From Previous Permit:**

Due to new naming conventions at the Nevada Division of Environmental Protection (NDEP), Bureau of Water Pollution Control, the permit number has been changed from NEV2008508 to NS2008508. This change does not reflect a change in the type of permit being issued.

**Proposed Effluent Limitations:**

Effluent limitations shall be set as follows.

**Re-use Discharge Limitations Table for Sample Location 001 (Sum Of Outfall 002 & 003) To Be Reported Monthly**

Parameter	Discharge Limitations			Monitoring Requirements			
	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	30 Day Average	<= 0.092 Million Gallons per Day (Mgal/d)		Prior to Reuse	001	Continuous	METER
Coliform, fecal general <sup>[1]</sup>	Monthly Maximum		M&R Colony Forming Units per 100ml T (CFU/100mL)	Prior to Reuse	001	Weekly	DISCRT
Coliform, fecal general <sup>[1]</sup>	Monthly Average		M&R Colony Forming Units per 100ml T (CFU/100mL)	Prior to Reuse	001	Weekly	DISCRT
Flow rate	Daily Maximum	<= 0.182 Million Gallons per Day (Mgal/d)		Prior to Reuse	001	Continuous	METER

Notes (Re-use Discharge Limitations Table):

1. During application periods, sample results are to be obtained weekly from the Truckee Meadows Water Reclamation Facility and reported in Permittee DMR. Bacteriological quality (Coliform) limitation is set to meet NAC 445A.276 reuse Category B requirement for human contact with effluent reclaim water.

**Re-use Discharge Limitations Table for Sample Location 002 (Dust Control) To Be Reported Monthly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	Daily Maximum	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	002	Once Per Batch	CALCTD
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	002	Once Per Batch	CALCTD

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

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

**Rationale for Permit Requirements:**

Monitoring and reporting is required to assess the quality of the effluent and to ensure that unauthorized discharges have not occurred in order to prevent degradation of groundwaters of the state.

**Fecal Coliform:**

Fecal Coliform: Permit limitations for fecal coliform have been set to monitor and report. The concentration of fecal coliform in treated wastewater discharged for reuse is restricted in accordance with NAC 445A.276. The limit of 2.2 cfu/100 ml is met by TMWRF for the protection of human health.

**Special Conditions:**

## SA – Special Approvals / Conditions Table

There are no Special Approval / Condition items
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**Flow:**

The current permit discharge flow limit is 0.092 MGD 30-Day Average Flow. The applicant has submitted renewal of the active permit proposing to operate with permit discharge flow limits at 0.092 MGD 30-Day Average Flow and at 0.182 MGD Daily Maximum Flow to serve the site's landscape areas receiving reuse water.

**Corrective Action Sites:**

There are five Bureau of Corrective Actions (BCA) remediation sites, ID 4-000743, 4-001061, 4-000984, D-000797, 4-000919, located within a one-mile radius of the facility. Discharge of treated effluent authorized at this site are not expected to adversely affect or influence the above mentioned BCA sites.

**Wellhead Protection Program:**

Outfalls for this permit are not located within Public Water System (PWS), Well Head Protection Areas (WHPA), or Drinking Water Protection Areas (DWPA).

**Schedule of Compliance:**

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit an updated, Effluent Management Plan (EMP), keeping current all information required by B.RU.6. of the permit. If no changes to the EMP have occurred, please submit a letter indicating so.	3/2/2016

**Deliverable Schedule:**

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	4/28/2016
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. **2/1/2016**, 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: **Nicholas Brothers**

Date: **12/28/2015**

Title: **Staff II Associate Engineer**