



STATE OF NEVADA

Department of Conservation & Natural Resources

Brian Sandoval, Governor

Leo M. Drozdoff, P.E., Director

DIVISION OF ENVIRONMENTAL PROTECTION

Colleen Cripps, Ph.D., Administrator

FACTSHEET (pursuant to NAC 445A.236)

Permittee Name: CLARK COUNTY REAL PROPERTY MANAGEMENT
500 SOUTH GRAND CENTRAL PARKWAY
LAS VEGAS, NV - 89155

Permit Number: NV0024202 - [New]

Location: SUNSET REGIONAL PARK SPLASH PAD, CLARK
2601 EAST SUNSET ROAD, LAS VEGAS, NV - 89120
LATITUDE: 36.06944440, LONGITUDE: -115.111667
TOWNSHIP: 22S, RANGE: 61E, SECTION: 1

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	SUNSET ROAD STORM DRAIN	External Outfall		LAS VEGAS	NV	89120	CLARK	36.071389	-115.111667	LAS VEGAS WASH

General:

The Sunset Regional Park Splash Pad is a recreational play water feature located within the park boundaries. Water from a municipal source is sprayed onto a splash pad designed for children to play on. The water is supplied to the pad from multiple spray elements. Although some water may collect while children are playing on the pad, it is not a pool.

Discharge Characteristics:

Water from the splash pad flows into two (2) water feature drains which lead to a sand/oil separator. The discharge then flows through a drain line to a municipal storm drain located at Sunset Road and ultimately to Las Vegas Wash. The requested discharge flow for this facility is 0.13 million gallons per day (MGD). Representative water samples taken from other Clark County splash pads, for expected pollutants, indicate this facility will meet the Standards of Water Quality for the Las Vegas Wash per NAC 445A.2156.

Receiving Water:

The storm drain system in this area is a tributary to Las Vegas Wash, and the standards set at the nearest downstream control point, "Las Vegas Wash at Telephone Line Road", NAC 445A.2156, apply. The TDS standard is a single value standard of less than or equal to 1900 mg/l. The total inorganic nitrogen standard is a single value standard of less than or equal to 20 mg/l. For both TDS and inorganic nitrogen the standards are applied to 95% of all single value samples. In addition, Total Maximum Daily Loads (TMDLs) for Las Vegas Wash have been established for phosphorus and ammonia.

Summary of Changes From Previous Permit:

n/a

Proposed Effluent Limitations:

The splash pad discharge must be conducted in accordance with the discharge limitations and the monitoring requirements listed below.

Discharge Limitations Table for Sample Location 001 (External Outfall) To Be Reported Monthly

Parameter	Discharge Limitations			Monitoring Requirements			
	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Nitrogen, inorganic total ^[3]	Daily Maximum		<= 20 Milligrams per Liter (mg/L)	Effluent Gross	001	Monthly	DISCRT
Flow rate	30 Day Average	<= 0.1070 Million Gallons per Day (Mgal/d)		Effluent Gross	001	Weekly	METER
Flow rate	Daily Maximum	<= 0.13 Million Gallons per Day (Mgal/d)		Effluent Gross	001	Weekly	METER
pH, minimum ^[2]	Weekly Minimum		>= 6.50 Standard Units (SU)	Effluent Gross	001	Weekly	DISCRT
pH, maximum ^[2]	Weekly Maximum		<= 9 Standard Units (SU)	Effluent Gross	001	Weekly	DISCRT
Coliform, fecal general	Logarithmic Mean ^[5]		<= 200 Most Probable Number per 100ml T (MPN/100m L) ^[6]	Effluent Gross	001	Weekly	DISCRT
Coliform, fecal general	90th Percentile ^[5]		<= 400 Most Probable Number per 100ml T (MPN/100m L) ^[6]	Effluent Gross	001	Weekly	DISCRT
Chlorine, total residual	30 Day Average		M&R Milligrams per Liter (mg/L)	Effluent Gross	001	Weekly	DISCRT
Chlorine, total residual	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	001	Weekly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	001	Monthly	DISCRT
Nitrogen, nitrite total (as N)	Daily Maximum		<= 10 Milligrams per Liter	Effluent Gross	001	Monthly	DISCRT

Discharge Limitations Table for Sample Location 001 (External Outfall) To Be Reported Monthly

Parameter	Discharge Limitations			Monitoring Requirements			
	Base	Quantity	Concentration (mg/L)	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Solids, total dissolved ^[3]	Daily Maximum		<= 1900 Milligrams per Liter (mg/L)	Effluent Gross	001	Monthly	DISCRT
Solids, total suspended ^[2]	Daily Maximum ^[4]		<= 135 Milligrams per Liter (mg/L)	Effluent Gross	001	Monthly	DISCRT
Ammonia nitrogen, total, (as N) 30 day ^[1]	Daily Maximum	<= 1 Pounds per Day (lb/d)		Effluent Gross	001	Monthly	DISCRT
Phosphorus, total (as P) ^[1]	Daily Maximum	<= 1 Pounds per Day (lb/d)		Effluent Gross	001	Monthly	DISCRT

Notes (Discharge Limitations Table):

1. These parameters have been considered de minimus, and limits have been set at 1.0 lb/day accordingly.
2. Single Value Standard
3. 95% of all Single Value samples must meet the Concentration limit.
4. The Concentration limit does not apply when flows exceed 110% of annual rolling average flow rate
5. Monthly log mean
6. No more than 10 percent of the total samples taken over a 30-day period may exceed 400 cfu or mpn per 100 ml.

Total Residual Chlorine:

Total residual chlorine in the discharge effluent is expected to volatilize during travel through 7.3 miles of storm drain and canal systems and will therefore not be an impact to Las Vegas Wash standards.

Special Conditions:

SA – Special Approvals / Conditions Table

There are no Special Approval / Condition items

Flow:

Flow will be limited to a 30-day average of 0.107 MGD and a daily maximum of 0.130 MGD

Corrective Action Sites:

There is one Bureau of Corrective Actions (BCA) remediation site located within a one-mile radius of this facility. The BCA case officer for this site has indicated that no adverse effects to their ongoing remediation project are expected due to the requested discharge activity.

Wellhead Protection Program:

This facility is located within the 6,000 foot buffer zone of one public water supply well. The facility is not located within an established wellhead capture zone.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	Permittee shall submit for review and approval two (2) copies of an Operations and Maintenance (O&M) Manual, compiled in accordance with the appropriate sections of Nevada Division of Environmental Protection (NDEP) guidance document WTS-2, "Minimum Information Required for an Operation and Maintenance Manual for a Wastewater Treatment Plant".	6/1/2013

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly Reports	Quarterly	7/28/2013
2	Annual Report	Annually	1/28/2014

Procedures for Public Comment:

The Notice of the Division's intent to reissue a permit authorizing the facility to discharge to surface waters of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Las Vegas Review 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. **3/15/2013**, 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.650.

Proposed Determination:

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

Prepared by: **Michele Reid**

Date: **12/6/2012**

Title: **ES III**