



STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Brian Sandoval, Governor

Leo M. Drozdoff, P.E., Director

Colleen Cripps, Ph.D., Administrator

FACTSHEET (pursuant to NAC 445A.236)

Permittee Name: CLARK COUNTY PUBLIC WORKS
500 S. GRAND CENTRAL PARKWAY
LAS VEGAS, NV - 89155

Permit Number: NV0024215

Location: SLOAN CHANNEL, CLARK
SLOAN CHANNEL AT STEWART AVENUE CROSSING, LAS VEGAS, NV - 89155
LATITUDE: 36.114646, LONGITUDE: -115.172816
TOWNSHIP: T21S, RANGE: R61E, SECTION: S21

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	OUTFALL 001	External Outfall		LAS VEGAS	NV	89155	CLARK	36.167258	-115.044850	SLOAN CHANNEL/LAS VEGAS WASH

General:

This permit is for construction dewatering for construction activities during installation of a sewer main. Nuisance groundwater will be extracted utilizing up to eight dewatering wells and directed through surface piping to a baffled storage tank for settling, then discharged to the Sloan Channel. This permit will only be for the construction of the sewer main project through the crossing of the Sloan Channel and Stewart Street in Las Vegas, Nevada, at the coordinates listed for outfall 001. The Permittee owns the Sloan Channel, and has included with their application a letter authorizing NDEP to enter the property for permit inspection purposes.

Discharge Characteristics:

The discharge consists of intercepted groundwater in the construction area. Test results provided with the application show that there is no reasonable potential for degradation to the Sloan Channel. Samples are well below standards for toxic materials provided in NAC445A.1236.

Receiving Water:

The receiving water is the Sloan Channel in Las Vegas, which is a tributary to the Las Vegas Wash. The standards for the Sloan Channel, found in NAC445A.2156, are as follows:

pH: 6.5 - 9.0 SU
Nitrate: 100 mg/L
Nitrite: 10 mg/L
TSS: 135 mg/L
TDS: 3,000 mg/L
Fecal Coliform: 200 MPN/100mL

Summary of Changes From Previous Permit:

This is a new NPDES permit.

Proposed Effluent Limitations:

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
Flow rate	30 Day Average	<= 1.0 Million Gallons per Day (Mgal/d)		Effluent Gross	001	Continuous	METER
Flow rate	Daily Maximum	<= 1.0 Million Gallons per Day (Mgal/d)		Effluent Gross	001	Continuous	METER

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

Parameter	Discharge Limitations			Monitoring Requirements			
	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Solids, total dissolved	Value		M&R Milligrams per Liter (mg/L)	Effluent Gross	001	Quarterly	DISCRT
Solids, total suspended	Value		<= 135.0 Milligrams per Liter (mg/L)	Effluent Gross	001	Quarterly	DISCRT

Rationale for Permit Requirements:

Based on lab results submitted with the permit application, no constituents in the discharge are over standards set forth in NAC 445A.1236 or NAC 445A.2156.

Total Dissolved Solids (TDS): M&R mg/L. This permit is for the interception and passage of groundwater and thus is exempted under the Colorado River Basin Salinity Control Forum's policy on groundwater interception.

Total Suspended Solids (TSS): 135 mg/L. The Sloan Channel has a limit of 135 mg/L of TSS, and dewatering operations may extract solids along with the extracted groundwater.

Special Conditions:

TPH may be present in the discharge in the event of equipment failure or leakage.

SA – Special Approvals / Conditions Table

Item #	Description
1	In the event of equipment failure or leak, the Permittee shall sample and report the value of Total Petroleum Hydrocarbons (TPH) in mg/L.

Flow:

The Permittee requested a flow limit of 1.0 MGD.

Corrective Action Sites:

There are no Bureau of Corrective Actions sites within one mile of the project.

Wellhead Protection Program:

This project is not within an established Wellhead Protection Area, nor a Drinking Water Protection Area.

Schedule of Compliance:

SOC – Schedule of Compliance Table

There are no Schedule of Compliance items

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly Report	Quarterly	7/28/2014
2	Annual Report	Annually	1/28/2015

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. **2/14/2014**, 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: **Robert Wimer**

Date: **1/8/2014**

Title: **E.I.**