



FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: LAS VEGAS PAVING CORP.
4420 S. DECATUR
LAS VEGAS, NV - 89103

Permit Number: NS2015507

Location: BOULDER CITY BYPASS I11, CLARK
2000 BUCHANAN, BOULDER CITY, NV - 89005
LATITUDE: 35.929039, LONGITUDE: -114.863709
TOWNSHIP: 23, RANGE: 64, SECTION: 20

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	DUST SUPPRESSION	Land Application Site	001	BOULDER CITY	NV	89005	CLARK	35.929039	-114.863709	GROUNDWATER

General:

Las Vegas Paving Corp. is applying for a groundwater discharge permit to discharge treated effluent from Boulder City Wastewater Treatment Plant (BCWWTP) for dust suppression. This project is for construction of the new Boulder City Bypass, Interstate 11. The Boulder City Bypass will go around Boulder City to the south and east, starting near the intersection of Highway 95 and Highway 93, and tying in with the recently built Hoover Dam bypass.

Discharge Characteristics:

The discharge consists of secondary treated effluent from BCWWTP. In accordance with NAC 445A.276, this treated effluent is required to meet Category C requirements for pathogens under BCWWTP's permit, NS0097022.

Receiving Water:

The receiving water is groundwater of the state. Groundwater in the area is approximately 700 feet below ground surface (bgs).

Summary of Changes From Previous Permit:

This is a new permit.

Re-use Discharge Limitations Table for Sample Location 001 (Land Application Site) To Be Reported Monthly

Parameter	Discharge Limitations			Monitoring Requirements			
	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	Daily Maximum	<= 1.200 Million Gallons per Day (Mgal/d)		Effluent Gross	001	Continuous	METER
Flow rate	Monthly Average	<= 1.200 Million Gallons per Day (Mgal/d)		Effluent Gross	001	Continuous	METER
Coliform, fecal, colony forming units ^[2]	Monthly Maximum		M&R Colony Forming Units per 100ml T (CFU/100mL) ^[1]	Effluent Gross	001	Monthly	DISCRT
Coliform, fecal, colony forming units ^[2]	Monthly Average		M&R Colony Forming Units per 100ml T (CFU/100mL) ^[1]	Effluent Gross	001	Monthly	DISCRT

Notes (Re-use Discharge Limitations Table):

1. CFU or MPN per 100ml.
2. Sample results may be obtained from NS0097022.

Rationale for Permit Requirements:

Water quality is monitored to ensure effluent reuse requirements are maintained per NAC 445A and groundwaters of the state are protected.

Fecal Coliform:

BCWWTP produces Category C effluent; therefore, human contact is not allowed, and a buffer zone of 100 feet shall be implemented, per NAC 445A.2766. Fecal Coliform does not have limits because the Permittee does not control the quality of the effluent they receive.

Special Conditions:

SA – Special Approvals / Conditions Table

There are no Special Approval / Condition items

Reasonable Potential Analysis and Antidegradation Review:

Effluent applied in accordance with the proposed permit is not anticipated to degrade groundwater of the state.

Flow:

The flow limit is set at 1.2 MGD, as requested by the Permittee.

Corrective Action Sites:

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

Wellhead Protection Program:

This project is not within a Wellhead Protection Area or a Drinking Water Protection Area.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit for Division review 2 copies of a new Effluent Management Plan (EMP). The EMP shall be prepared and stamped by a Nevada-registered Professional Engineer, or other qualified person.	11/1/2015

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMR	Quarterly	1/28/2016
2	Annual Report	Annually	1/28/2016

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 **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. **8/28/2015**, 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: **Robert Wimer**

Date: **7/15/2015**

Title: **E.I.**