



FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: LAKEVIEW GOLF ASSOCIATION, LLC
MT CHARLESTON DRIVE
PAHRUMP, NV - 89048

Permit Number: NS2004518

Location: LAKEVIEW GOLF COURSE, NYE
1471 MT. CHARLESTON DRIVE, PAHRUMP, NV - 89048
LATITUDE: 36.179025, LONGITUDE: -115.987783
TOWNSHIP: 20 S, RANGE: 53 E, SECTION: 26

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	GOLF COURSE	Land Application Site		PAHRUMP	NV	89048	NYE	36.179025	-115.987783	GROUNDWATER

General:

The Permittee, Lakeview Golf Association, LLC, has applied for the renewal of permit NS2004518 for the Lakeview Golf Course located in Pahrump, Nye County, Nevada. The 18-hole golf course is irrigated with tertiary treated, denitrified, and disinfected effluent (reclaimed) water supplied by the Utilities Inc. of Central Nevada's (UICN) Wastewater Treatment Plant #3 (Permit - NS0089063). Approximately 58 acres are spray irrigated. There are three large reclaimed storage lakes and three smaller ponds which are interconnected and provide winter storage for UICN. The Main Pond and Pond 17 are used to irrigate the golf course. Onsite wells provide supplemental groundwater which is blended into the irrigation pumping lake when needed.

Discharge Characteristics:

The UICN Plant #3 supplies tertiary treated, denitrified, and 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 averages about 38 feet below ground surface. No adverse effects to groundwater are expected to occur as a result of this effluent reuse.

Summary of Changes From Previous Permit:

The monthly maximum flow rate has been changed to a daily maximum and the limit of monitor and report has been changed to less than or equal to 0.60 million gallons per day (MGD).

The 30-day averaged flow rate limit has been changed to monitor and report.

The million gallons per month flow rate parameter has been removed.

The annual application volume parameter has been removed.

The general fecal coliform monthly maximum has been changed to a daily maximum and the 30-day average to a 30-day geometric mean.

Due to new naming conventions at the Nevada Division of Environmental Protection, Bureau of Water Pollution Control (BWPC), the permit number has been changed from NEV2004518 to NS2004518. This change does not reflect a change in the type of permit being issued.

The BWPC Nevada NetDMR system is a web based site that allows for electronic submission of Discharge Monitoring Reports (DMRs). Nevada NetDMR enables the permittee the ability to enter and electronically submit DMR data. By using Nevada NetDMR permittees will save time, see a reduction in paperwork burden, and data will automatically error-check and validate the information prior to submission. The system also allows for electronic submittal of attachments and supplemental documentation and provides instant confirmation of submission.

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

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Coliform, fecal general ^[1]	Daily Maximum		<= 23 Colony Forming Units per 100ml T (CFU/100mL)	Prior to Reuse	001	Weekly	DISCRT
Coliform, fecal general ^[1]	30 Day Geometric Mean		<= 2.2 Colony Forming Units per 100ml T (CFU/100mL)	Prior to Reuse	001	Weekly	DISCRT
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Reuse	001	Continuous	METER
Flow rate	Daily Maximum	<= 0.6 Million Gallons per Day (Mgal/d)		Prior to Reuse	001	Continuous	METER

Notes (Re-use Discharge Limitations Table):

1. Sample results to be collected from NS0089063 and reported by Permittee.

Rationale for Permit Requirements:

Reclaimed water monitoring is required to assess the level of treatment being provided by the UICN's Plant #3, to assess the quality of reclaimed water usage, and to protect the local groundwater quality. Fecal Coliform monitoring assesses the quality of treated reclaimed water being applied and for the protection of human health and the environment.

Fecal Coliform:

2.2 CFU - 30-Day Geometric Mean.

23 CFU - Daily Maximum.

Special Conditions:

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

SA – Special Approvals / Conditions Table

There are no Special Approval / Condition items

Flow:

The daily maximum discharge is limited to 0.60 MGD.

Corrective Action Sites:

There are no Bureau of Corrective Actions remediation sites located within a one-mile radius of the reuse site.

Wellhead Protection Program:

The proposed discharge will not occur in a source water protection area.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit two copies of a revised Effluent Management Plan (EMP), for NDEP's review, that has been wet-stamped by a Nevada Professional Engineer in following the requirements listed in Guidance Document WTS-1B: <i>General Criteria for Preparing an Effluent Management Plan</i> . If there are minor revisions (e.g. number of acres irrigated or contact changes) the Permittee shall submit the changes in writing to NDEP. If there are no changes, the Permittee shall submit a letter stating there are no changes.	4/28/2017
2	All Discharge Monitoring Reports (DMRs) shall be submitted electronically through the Nevada NetDMR website: http://netdmr.ndep.nv.gov/netdmr/public/home.htm .	1/1/2018

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	4/28/2017
2	Annual Report	Annually	1/28/2018

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 **Pahrump Valley Times and 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. **12/19/2016**, 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: **Bonnie Hartley**

Date: **11/8/2016**

Title: **Environmental Scientist**