

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

FACT SHEET

(pursuant to NAC 445A.236)

Permittee Name: Lakeview Golf Association, LLC
1471 Mt. Charleston
Pahrump, Nevada 89048

Permit Number: NEV2004518

Location

The Lakeview Golf Course is located at 1471 E. Mt. Charleston in Pahrump, Nye County, Nevada 89048.

Longitude: 115°59'16.02"W., Latitude: 36°10'44.49"N.
Section 26, T. 20S., R. 53E., MDB&M

General

The Utilities Inc. of Central Nevada's (UICN) Wastewater Treatment Plant #3 (NEV89063) is supplying tertiary treated, denitrified, and disinfected effluent for irrigation reuse at the Lakeview Golf Course under authorization of UICN's permit. Lakeview Golf Association, LLC is renewing a discharge permit for reuse of the same treated effluent for irrigation of the golf course property via spray irrigation of turf grasses, trees and other landscape plant materials; drip and hand irrigation is authorized. All reuse irrigation operations shall be conducted and operated in accordance with the approved Effluent Management Plan and the terms and conditions of the new permit. The six Lakeview golf course lakes/ponds provide a portion of winter effluent storage for UICN discharges.

The applicant intends to continue using tertiary treated, denitrified and disinfected reuse water provided by Plant #3 of UICN. UICN provides reclaimed water that meets new Category B quality per NAC 445A.276, (Formerly Category C), and is denitrified below 10 mg/1 N. The golf course is an 18-hole executive course. There are three large effluent storage lakes and three smaller ponds which are interconnected and provide winter storage of effluent; the largest lake is the irrigation pumping lake. Onsite wells provide supplemental groundwater which is blended into the irrigation pumping lake when needed. The lake at hole 17 is lined. Part of the golf course is located within 6000' drinking water protection area. UICN responds to Wells 1 and 2 (NV0000270) and a vulnerability ranking for these wells have not been established.

Flow

The applicant has applied for a permit to discharge a total of 0.600 MGD 30-Day Average Flow for the eighteen-hole golf course area on a total of 58 acres. The permit requires the reuse water quantity to be monitored and reported. The maximum monthly flow is based upon the highest usage month determined from the consumptive use balance plus 10% allowance, and in accordance with the approved Effluent Management Plan. The annual application volume is limited to a maximum of 672 acre feet/year for reuse irrigation at the property.

| <u>PARAMETERS</u> | <u>EFFLUENT DISCHARGE LIMITATIONS</u> | | <u>MONITORING REQUIREMENTS</u> | |
|---|---------------------------------------|-----------------------------|--------------------------------|-------------------|
| | 30-Day Average (Seasonal) | Monthly Maximum (Seasonal) | Measurement Frequency | Sample Type |
| FLOW: | 0.600 MGD | Monitor & Report | Continuous | Flow Meter |
| Flow Million Gallons per Month ² (MGM) | Monitor & Report | Monitor & Report | Continuous | Flow Meter |
| Annual Application Volume ³ (AF) | 672 Acre-Feet/Year | | Cumulative | Flow Meter |
| Fecal Coliform ¹ (CFU, MPN) | 2.2 CFU (MPN)/100 ml | 23 CFU (MPN)/100 ml | Weekly | Discrete |

1. Sample results to be obtained from NEV89063 and reported by Permittee.

2. Monthly Maximum based upon highest usage month determined from consumptive use balance + 10 % allowance and in accordance with the Effluent Management Plan.

3. To be submitted with the 4th Quarter DMR.

CFU = Colony Forming Units, MPH = Most Probable Number, ml = Milliliter

Schedule of Compliance and Special Conditions

There are no Schedule of Compliance items or special conditions. Permittee did provide updates for the Effluent Management Plan for pages 1, 2 and 3. Changes are limited to staff updates of contact addresses and phone numbers for Lakeview Golf Course.

Receiving Water Characteristics

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.

Procedures for Public Comment

The Notice of the Division's intent to issue the permit authorizing the Lakeview Golf Association, LLC to discharge to the groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Las Vegas Review-Journal** and **Pahrump Valley Times** 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 for a period of 30 days following the date of the publication of the public notice. All comments must be received by **MMMM, DD, YYYY**. 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 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

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 the proposed permit for a period of five (5) years.

Rationale for Permit Requirements

Required parameters are monitored to ensure effluent reuse requirements are maintained per NAC 445A.275 and 445A.276.

Prepared by: Kristen Rose
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