



**FACTSHEET**  
**(pursuant to NAC 445A.236)**

**Permittee Name:** CENTURY RHODES RANCH GOLF COURSE,LLC  
5400 LBJ FREEWAY, SUITE 1325  
DALLAS, TX - 75240

**Permit Number:** NS2004500

**Location:** RHODES RANCH GOLF COURSE, CLARK  
20 RHODES RANCH PARKWAY, LAS VEGAS, NV - 89148  
LATITUDE: 36.042985, LONGITUDE: -115.288938  
TOWNSHIP: T22S, RANGE: R60E, SECTION: S8

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		LAS VEGAS	NV	89148	CLARK	36.043333	-115.288889	GROUNDWATER

**General:**

Century Rhodes Ranch Golf Course, LLC has applied to renew its discharge permit to use reclaimed water to irrigate turf grass and plant materials on the Rhodes Ranch Golf Course. The golf course is an 18-hole championship golf course facility located at 20 Rhodes Ranch Parkway in Clark County. The permitted facility utilizes tertiary-treated and disinfected Category A reclaimed water supplied by Clark County Water Reclamation District's Desert Breeze Water Resource Center (DBWRC) (Permit NS2001509). The golf course uses two lined ponds that hold the reclaimed water prior to irrigating the golf course. The reclaimed water irrigation is done in accordance with the approved Effluent Management Plan (EMP) and the terms and conditions of the permit.

**Discharge Characteristics:**

Rhodes Ranch Golf Course will use Category A reclaimed water from DBWRC to irrigate the golf course. The 30-day geometric mean total coliform requirement is set at 2.2 colony forming units (CFU) with the monthly maximum set at 23 CFU/100 mL. The Category A reuse water meets the water quality standards listed in NACs 445A.276 and 445A.2762. The regulation does not require a buffer zone or control of public access.

**Receiving Water:**

The receiving waters are groundwaters of the State via infiltration via irrigation. Groundwater in the vicinity of the course is estimated to be 300 feet below the ground surface. Groundwater flow direction is reported to be to the east-southeast. There are no monitoring wells required at this facility due to the depth to groundwater.

**Summary of Changes From Previous Permit:**

The following changes have been made to this permit:

NDEP also has a revised permit numbering system so the permit number has been changed from NEV2004500 to NS2004500. The type of permit has not changed due to this revised numbering system.

The Permittee will report total coliform values rather than fecal coliform values since DBWRC treats to Category A water quality standards and total coliform is reported. The 30-day geometric mean and maximum daily value will be obtained from DBWRC and reported in the quarterly Discharge Monitoring Reports (DMRs).

The Permittee will have one year from the issuance of this permit to sign up to submit quarterly DMRs electronically using Net-DMR. The Bureau of Water Pollution Control's (BWPC) Nevada-NetDMR system is a web-based site that allows electronic submission of DMRs. Nevada-NetDMR enables a Permittee the ability to enter and electronically submit DMR data. By using Nevada-NetDMR, Permittees will save time, see a reduction in its paperwork burden, and data will automatically error-check and validate the information prior to submission. The system also allows electronic submittal of attachments and supplemental documentation and provides instant confirmation of submission.

**Proposed Effluent Limitations:**

The discharge shall be limited, sampled and monitored by the Permittee as specified below:

**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
Coliform, total general <sup>[2]</sup>	Monthly Maximum		<= 23 Colony Forming Units per 100ml T (CFU/100mL) <sup>[3]</sup>	Prior to Reuse	001	Daily	DISCRT
Coliform, total general <sup>[2]</sup>	30 Day Geometric Mean		<= 2.2 Colony Forming Units per 100ml T (CFU/100mL) <sup>[3]</sup>	Prior to Reuse	001	Daily	DISCRT
Flow rate <sup>[1]</sup>	Monthly Maximum	<= 1.89 Million Gallons per Day (Mgal/d)		Prior to Reuse	001	Continuous	METER
Flow rate <sup>[1]</sup>	30 Day Average	<= 0.85 Million Gallons per Day (Mgal/d)		Prior to Reuse	001	Continuous	METER

**Notes (Re-use Discharge Limitations Table):**

1. Monthly application rates in the Effluent Management Plan should be used as a guide.
2. Sample results shall be obtained from the point of discharge for Permit NS2001509 and reported by Permittee.
3. CFU or MPN/100 ml.

**Rationale for Permit Requirements:**

Monitoring is required to ensure that groundwaters of the State of Nevada are not degraded. Monitoring is also required to assess the level of treatment being provided, and to determine compliance with discharge permit limits. The Permittee is in substantial compliance with its current discharge permit.

**Fecal Coliform:**

The 30-day geometric mean total coliform requirement is set at 2.2 colony forming units (CFU) with the daily maximum set at 23 CFU/100 mL.

**Special Conditions:**

SA – Special Approvals / Conditions Table

There are no Special Approval / Condition items
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**Flow:**

The permitted 30-day average flow of the reclaimed water is 0.85 million gallons per day (MGD) with a daily maximum of 1.89 MGD during the hot summer months.

**Corrective Action Sites:**

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

**Wellhead Protection Program:**

There are no drinking water protection areas nor wellhead protection areas located near the golf course.

**Schedule of Compliance:**

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee, or its representative, shall submit for NDEP's review and approval an Effluent Management Plan (EMP) that follows the requirements listed in WTS-1B - <i>General Criteria for Preparing an Effluent Management Plan</i> . The EMP shall be signed by a Professional Engineer currently registered in Nevada.	1/1/2017
2	All Discharge Monitoring Reports (DMRs) shall be submitted electronically through the Nevada NetDMR website: <a href="https://netdmr.ndep.nv.gov/netdmr/public/home.htm">https://netdmr.ndep.nv.gov/netdmr/public/home.htm</a> .	10/1/2017

**Deliverable Schedule:**

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

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

**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. **8/15/2016**, 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: **Steve McGoff, P.E.**

Date: **6/3/2013**

Title: **Professional Engineer**