



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

**Permittee Name:** TOURNAMENT PLAYER CLUB LAS VEGAS  
9801 CANYON RUN DRIVE  
LAS VEGAS, NV - 89144

**Permit Number:** NS0099002

**Location:** TPC LAS VEGAS GOLF COURSE, CLARK  
9801 CANYON RUN DRIVE, LAS VEGAS, NV - 89144  
LATITUDE: 36.194167, LONGITUDE: -115.293333  
TOWNSHIP: 20 S, RANGE: 60 E, SECTION: 19

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	89144	CLARK	36.194167	-115.293333	GROUNDWATER

**General:**

The Tournament Players Club (TPC) at the Canyons operates The Canyons Golf Course, located at 9801 Canyon Run Drive in the Northwest area of Las Vegas, Clark County, Nevada. This facility has one regulation 18-hole course, and covers approximately 110 acres. The facility uses one reservoir fed by the recycled water supply line for storage of irrigation water. There are no other water features at this facility.

TPC – The Canyons receives effluent from the Durango Hills Water Resource Center (DHWRC) wastewater treatment facility for irrigation of turf, greens and landscaped areas. The DHWRC is regulated under NDEP Permit NS0098005. The DHWRC recycled water is blended with potable water to provide the course with the volume of water required. The relative percentages of potable and recycled water will vary with the seasonal irrigation demand.

**Discharge Characteristics:**

Effluent supplied by DHWRC is tertiary treated and disinfected to meet Category A reuse water; in accordance with NAC 445A.276, a buffer zone and control of public access are not required.

**Receiving Water:**

Groundwater in the vicinity of the course is estimated to be approximately 436 feet below ground surface, as measured at the Las Vegas Valley Water District Well #076. Groundwater flow direction is reported to be southeast. There are no monitoring wells required at this facility due to the depth to groundwater.

**Summary of Changes From Previous Permit:**

Flow will be limited to a daily maximum of 1.5 million gallons per day (MGD) and the annual application volume will be removed.

The Fecal Coliform limit is being changed to monitor and report, as DHWRC is responsible for meeting water quality limits per discharge permit NS0098005.

The Bureau of Water Pollution Control's (BWPC) Nevada NetDMR system is a web based sites that allow for electronic submission of Discharge Monitoring Reports. Nevada NetDMR enables 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.

**Proposed Effluent Limitations:**

Effluent limitations shall be set as seen in the table 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
Flow rate	Daily Maximum	< 1.5 Million Gallons per Day (Mgal/d)		Prior to Irrigation	001	Continuous	METER
Flow rate	30 Day Average	M&R Million Gallons per Day (Mgal/d)		Prior to Irrigation	001	Continuous	METER
Coliform, total general <sup>[1]</sup>	30 Day Average		M&R Colony Forming Units per 100ml T (CFU/100mL)	Prior to Irrigation	001	Weekly	DISCRT
Coliform, total general <sup>[1]</sup>	Daily Maximum		M&R Colony Forming Units per 100ml T (CFU/100mL)	Prior to Irrigation	001	Weekly	DISCRT

Notes (Re-use Discharge Limitations Table):

1. Sample results may be obtained from NS0098005 and reported by the Permittee.

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

Parameter	Discharge Limitations			Monitoring Requirements			
	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Nitrogen, total	Annual Total	<= 475 Pounds per Year (lb/yr) <sup>[1]</sup>		Effluent Gross <sup>[3]</sup>	001	Annual	CALCTD
Nitrogen, total	Annual Total	<= 195 Pounds per Year (lb/yr) <sup>[1]</sup>		See Footnote <sup>[2]</sup>	001	Annual	CALCTD

Notes (Re-use Discharge Limitations Table):

- 1. Pounds per acre per year
- 2. Greens
- 3. Fairways/Roughs/Tees

**Rationale for Permit Requirements:**

Reclaimed water monitoring is required to determine the level of treatment being provided by DHWRC, to assess the management of recycled water usage and to protect the local groundwater quality. Total coliform monitoring assesses the quality of reclaimed water being applied and for the protection of human health and the environment

**Fecal Coliform:**

Permit limitations for total coliform have been set to monitor and report. The concentration of total coliform in treated wastewater discharged for reuse is restricted in accordance with NAC 445A.276 Category A.

**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
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**Flow:**

The site will be limited to a daily maximum flow of 1.5 Million Gallons.

**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 facility is not within a wellhead protection area or drinking water protection area.

**Schedule of Compliance:**

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit to the Division two (2) copies of an updated Effluent Management Plan (EMP) prepared and stamped by a Nevada Registered Professional Engineer.	8/1/2016
2	Within 1 year of permit issuance, all 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>	8/28/2017

**Deliverable Schedule:**

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	7/28/2016
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. **5/25/2016**, 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: **Nicholas Brothers, P.E.**

Date: **4/18/2016**

Title: **Professional Engineer**