



STATE OF NEVADA

Department of Conservation & Natural Resources

Brian Sandoval, Governor

Leo M. Drozdoff, P.E., Director

DIVISION OF ENVIRONMENTAL PROTECTION

Colleen Cripps, Ph.D., Administrator

FACT SHEET (Pursuant to NAC 445A.236)

PERMITTEE NAME: Pacific Life
100 South Rampart Blvd.
Las Vegas, Nevada 89145

PERMIT NUMBER: NEV92024

LOCATION: The Legacy Golf Club
130 Par Excellence Drive
Henderson, Clark County, NV 89074

COORDINATES: Latitude: 36° 02'N, Longitude: 115° 06'W
Sections 17, 18, T22S, R62E MDB&M

FLOW: 2.5 Million Gallons per Day

PUBLIC WATER SUPPLY: There are no public supply wells within one (1) mile of this facility.

CORRECTIVE ACTIONS SITES: There are no Bureau of Corrective Actions remediation sites located within a one (1) mile radius of this facility.

WELLHEAD PROTECTION AREA: This facility is not located within a 6,000 ft. Drinking Water Protection Area (DWPA).

GENERAL: The City of Henderson's Kurt R. Segler Water Reclamation Facility (permit NEV80003) provides tertiary treated, denitrified and disinfected effluent for reuse irrigation at The Legacy Golf Club golf course. The reclaimed water meets Category B effluent standards per Nevada Administrative Code (NAC) 445A.276. The treated effluent is used for spray irrigation of golf course turf grasses and for landscape drip irrigation for trees and other plant materials proximal to the golf course. All reuse activities are conducted in accordance with the Division-approved Effluent Management Plan (EMP) and permit conditions.

During the period beginning on the effective date of this permit and lasting until the permit expires, the Permittee is authorized to discharge to Ground Waters of the State of Nevada via effluent irrigation.

RECEIVING WATER CHARACTERISTICS: The receiving water is groundwater of the State of Nevada. Depth to potable groundwater is more than 300 feet below ground surface. Depth to static water level is approximately 74 feet below ground surface. No adverse effects to groundwater are expected as a result of reuse irrigation.

PROPOSED LIMITATIONS AND MONITORING REQUIREMENTS: Effluent water samples shall be monitored as specified below (Table 1).

Table 1. Discharge Limitations and Monitoring Requirements

Discharge Limitations				Monitoring Requirements	
Parameter	Base	Quantity	Concentration	Measurement Frequency	Sample Type
Flow	Daily Maximum	2.5 MGD	----	Continuous	Flow Meter
Flow	30-Day Average	M&R (MGD)	----	Continuous	Flow Meter
Application Volume	Annual Total	940.41 acre-feet/year	----	Continuous	Flow Meter
TSS	Daily Maximum	----	M&R (mg/l)	Weekly	Composite ¹
TSS	30-Day Average	----	M&R (mg/l)	Weekly	Composite ¹
BOD ₅	Daily Maximum	----	M&R (mg/l)	Weekly	Composite ¹
BOD ₅	30-Day Average	----	M&R (mg/l)	Weekly	Composite ¹
Fecal Coliform	Daily Maximum	----	23.0 CFU or MPN/100ml	Weekly	Discrete ¹
Fecal Coliform	30-Day Average	----	2.2 CFU or MPN/100ml	Weekly	Discrete ¹
Chlorine Residual	Daily Maximum	----	M&R (mg/l)	Weekly	Discrete ¹
Chlorine Residual	30-Day Average	----	M&R (mg/l)	Weekly	Discrete ¹
Total Nitrogen	Daily Maximum	----	M&R (mg/l)	Weekly	Discrete ¹
Total Nitrogen	30-Day Average	----	M&R (mg/l)	Weekly	Discrete ¹
pH	Monthly Minimum	----	6.0 SU	Weekly	Discrete ¹
pH	Monthly Maximum	----	9.0 SU	Weekly	Discrete ¹

1. Sample results may be obtained from City of Henderson Kurt R. Segler Water Reclamation Facility (permit NEV80003) and reported by Permittee.

BOD₅: biochemical oxygen demand

CFU: colony forming units

M&R: monitor and report

MGD: million gallons per day

mg/l: milligrams per liter

ml: milliliter

MPN: most probable number

SU: standard pH units

TSS: total suspended solids

Additional monitoring requirements may be added at the Division’s discretion. The Permittee is required to implement an EMP for the irrigation activities authorized by this permit.

DISCHARGE FLOW AND CHARACTERISTICS: From January 2007 through December 2011, the average daily discharge was 0.76 MGD and the highest daily discharge was 1.70 MGD. Fecal coliform did not exceed permit limits.

SCHEDULE OF COMPLIANCE: The Permittee shall implement and comply with the provisions of the schedule of compliance after approval by the Administrator, including in said implementation and compliance, any additions or modifications, which the Administrator may make in approving the schedule of compliance.

The Permittee shall achieve compliance with all effluent limitations upon issuance of the permit.

Table 2. Schedule of Compliance

Item #	Description	Due Date
1	The Permittee shall submit two (2) copies of a new EMP for Division for approval. The EMP shall be prepared and stamped by a Nevada licensed professional engineer.	90 Days from permit issue date

PERMIT REQUIREMENTS & RATIONALE: The permit requires routine monitoring, implementation of the EMP, and reporting to ensure the site is performing at a level that minimizes water pollution and protects public health and the environment.

OPERATION REQUIREMENTS: The Permittee shall operate the facility in compliance with permit provisions and requirements and in accordance with the Division-approved EMP. The EMP shall contain information required to comply with this permit. The storage, distribution, and reclaimed water irrigation practices for this facility shall be documented in the EMP. It is recommended that the Permittee utilize “WTS-1B: General Criteria for Preparing an Effluent Management Plan” as a guidance to prepare the EMP.

PROPOSED DETERMINATION: The division has made the tentative determination to renew the proposed permit, under the provisions prescribed, for a 5-year period.

PROCEDURES FOR PUBLIC COMMENT: The Notice of the Division’s intent to issue a discharge permit to the applicant, 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 for a period of thirty (30) days following the date of publication of the public notice in the newspaper. The comment period can be extended at the discretion of the Administrator. The deadline date and time by which all comments are to be submitted (via postmarked mail or time-stamped faxes, e-mails, or hand-delivered items) to the Division is December 10, 2012 by 5:00 P.M.

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 determines to be appropriate. All public hearings must be conducted in accordance with NAC 445A.238. The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

The application and proposed permit are on file and may be copied or copies may be obtained by writing or by calling Peter Lassaline, Bureau of Water Pollution Control at (775)687-9569; fax: (775)687-4684; or email: plassaline@ndep.nv.gov. This notice and the fact sheet can be viewed online at the following web address: <http://ndep.nv.gov/admin/public.htm>

Prepared by: Peter Lassaline
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