

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

FACT SHEET

(Pursuant to NAC 445A.148)

Permittee Name: Q&D Construction
1050 S. 21st Street
Sparks, NV 89431

Permit No. NEV2011503

Facility: Legends at Sparks Marina
Effluent Reuse
1440 E. Lincoln Way
Near the intersection of Sparks Blvd. and E. Lincoln Way
Sparks, Washoe County, Nevada 89434
Township 19N, Range 20E, Sections 3 & 10

Latitude: 39° 32' 00" N

Longitude: 119° 42' 50" W

Drinking Water Protection and Wellhead Protection Areas: The facility is outside the 6000' 1000' Drinking Water Protection Area (DWPA) and the Wellhead Protection Area (WHPA) for public water supply wells in the area.

Bureau of Corrective Actions: There are three remediation sites within one mile of the reuse area. Two are administered by the Washoe County District Health Department, and one is administered by Nevada Division of Environmental Protection (NDEP) Bureau of Corrective Actions. There are no expected adverse impacts to the remediation projects from the proposed discharge activities.

General: Q&D Construction (Q&D) has been involved with construction activities at the Legends at Sparks Marina project, located in Sparks, Washoe County Nevada. Q&D operates a truck fill station near the intersection of Sparks Boulevard and East Lincoln Way. Tertiary treated, denitrified and disinfected wastewater effluent is supplied by Truckee Meadows Water Reclamation Facility (TMWRF) via the City of Sparks effluent line. The treated effluent is used for dust control and construction purposes at the Legends development. All discharge activities are performed in accordance with regulations set forth in Nevada Administrative Code (NAC) 445A.274 through 280, and with the Effluent Management Plan.

The facility is currently being operated under temporary permit TNEV2011363.

Receiving Water Characteristics: Receiving water is groundwater. Depth to groundwater in the vicinity of the development is approximately 10-20 feet below ground surface (bgs). Flow is to the south/southeast toward the Truckee River.

Because the effluent is being used as a dust control palliative and there is no driving head, it is expected that effluent will not reach groundwater.

Permit Limitations and Monitoring Requirements: Permit limits and facility monitoring requirements are listed below:

Table I.A.1 Discharge Limitations

PARAMETER	DISCHARGE LIMITATION		MONITORING REQUIREMENTS	
	30-Day Average	Daily Maximum	Frequency	Sample Type
Flow ¹ , gpd	400,000	Monitor & Report	Continuous	Meter
Fecal Coliform, CFR or MPN/100 ml	Monitor & Report	Monitor & Report	Weekly ²	Calculate Geometric Mean

1. Report average gpd per month
2. Fecal Coliform results may be obtained from the effluent supplier. Report the 30-Day geometric mean based on the weekly data obtained from the effluent supplier.

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.

- a. The Permittee shall achieve compliance with the effluent limitations upon issuance of the permit.
- b. **By MMM DD, 2011**, the Permittee shall submit, for review and approval, an Operations and Maintenance (O&M) Manual, prepared in accordance with appropriate sections of the Nevada Division of Environmental Protection (NDEP) guidance document WTS-2, *“Minimum Information Required for an Operation and Maintenance Manual for a Wastewater Treatment Plant”*.
- c. **By MMM DD, 2011**, the Permittee shall submit, for review and approval, an Effluent Management Plan (EMP), prepared in accordance with appropriate sections of the NDEP guidance document WTS-1B, *“General Design Criteria for Preparing an Effluent Management Plan”*. The EMP may be submitted as part of the O&M Manual.

The documents required in part b and c above shall be submitted to the following address:

**Department of Conservation and Natural Resources
 Division of Environmental Protection
 Bureau of Water Pollution Control
 ATTN: Compliance Coordinator
 901 S. Stewart Street, Suite 4001
 Carson City, Nevada 89701**

Rationale for Permit Requirements: Permit limits are set on flow to preclude ponding and effluent run-off.

Proposed Determination: The Division has made the tentative determination to issue the proposed discharge permit NEV2011503 for a period of five (5) years.

Procedures for Public Comment: The Notice of the Division's intent to issue the zero-discharge permit subject to the conditions contained within the permit is being sent to the **Reno Gazette 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 **February 21, 2011, 2011 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.

Prepared by: Janine O. Hartley, P.E.
Bureau of Water Pollution Control
Draft: December 2010
Final: