



STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Jim Gibbons, Governor

Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

NOTICE OF PROPOSED ACTION

Web posting 4/13/10

The Administrator, Division of Environmental Protection, Carson City, Nevada is issuing the following notice of proposed action under the Nevada Revised Statutes. The Administrator has received a complete application for the renewal of groundwater discharge permit **NEV2004513** from:

**U.S. Department of Interior
National Park Service – Lake Mead National Recreation Area
601 Nevada Way, Boulder City, NV 89005**

For the following facility:

**Echo Bay Water Treatment Plant
670 Runaway Hill Road
Overton, NV 89040**

The Permittee operates a micro filtration water treatment facility which draws raw water from the Lake Mead water intake barge structure into the plant raw water storage tank. Raw water is pumped from the tank, passing through screens and into the 0.2 micron membrane modules (24 membrane filters) of the micro filtration system for treatment. Product water is collected in the clearwell, disinfected with calcium hypochlorite and pumped to the 500,000 gallon potable water storage tank and from there into the distribution system. Backwash is achieved with a reverse flow of 95 psi compressed air through the membrane modules, with a raw water sweep to flush away any material. The backwash water is discharged to a 3472 ft³ pond with a 60 mil poly membrane lining for evaporation. The pond has an overflow riser designed to direct any excess water for the irrigation of an area of desert riparian vegetation. Excess flows are seldom, occurring mostly on busy summer event weekends. The plant is designed to meet State and Federal water quality requirements and for protection against *giardia* cysts and *cryptosporidium* oocysts.

Persons wishing to comment on or object to the proposed determinations by the Administrator regarding permit issuance, or request a hearing pursuant to the Nevada Administrative Code, Water Pollution Control, should submit their comments or request, in writing, within thirty (30) days of the date of newspaper publication, hand-delivered or postmarked no later than 5:00 P.M. on **May 17, 2010**, either in person or by mail to:

**Department of Conservation and Natural Resources
Division of Environmental Protection
Bureau of Water Pollution Control
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701**

Comments and/or hearing requests received via facsimile or e-mail before 5:00 P.M. **May 17, 2010** will also be accepted. All requests for hearings must indicate the interest of the person filing the request and the reason(s) why a hearing is warranted. All comments or objections received within the thirty (30) day comment period will be considered in the formulation of final determinations regarding the application. If written comments indicate a significant degree of public interest in the proposed permit, the Administrator shall hold a

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public hearing. The public notice of such hearings will be issued not less than thirty (30) days prior to the public hearing date.

If no hearing is held and the determinations of the Administrator are substantially changed from the tentative determinations, the Administrator will give public notice of the revised determinations. Additional comments and objections will be considered at that time.

The application, proposed permit, comments received, and other information are on file and may be copied or copies may be obtained by writing to the above address or by contacting Michele Reid, Bureau of Water Pollution Control at (775) 687-9434, or at mreid@ndep.nv.gov. The office facsimile number is (775) 687-4684. This notice and the Fact Sheet for this facility are also available on the NDEP website at www.ndep.nv.gov/admin/public.htm.

Please bring the foregoing notice to the attention of all persons whom you know would be interested in this matter.

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