

NOTICE OF PROPOSED ACTION

The Administrator, Division of Environmental Protection, Carson City, Nevada is issuing the following notice of proposed action under the Nevada Revised Statutes and/or the Clean Water Act, where applicable. The Administrator has received renewal applications for New & Existing Publicly Owned Treatment Works, located in Clark County, from the following applicants:

CITY OF LAS VEGAS
6005 E. VEGAS VALLEY DRIVE
LAS VEGAS, NV 89142

CITY OF HENDERSON
240 WATER STREET
HENDERSON, NV 89015

CLARK COUNTY WATER RECLAMATION DISTRICT
5857 E. FLAMINGO ROAD
LAS VEGAS, NV 89122

CITY OF NORTH LAS VEGAS
APN 14016401007
LAS VEGAS, NV 89156

The Administrator has received renewal applications for National Pollutant Discharge Elimination System Permits, NV0020133, NV0022098, NV0021261, and NV0023647 from the following applicants: the City of Las Vegas, the City of Henderson, the Clark County Water Reclamation District, and the City of North Las Vegas.

Permit NV0020133, City of Las Vegas: Municipal wastewater (91 million gallons per day (MGD), capacity) is treated at the wastewater treatment facility located at 6005 East Vegas Valley Drive, Las Vegas, Nevada. The treatment process consists of: primary and secondary treatment, nutrient removal, and disinfection. The treated effluent is discharged to the Las Vegas Wash. A portion of the treated effluent from this facility and that from the Durango Hill Water Resource Center (WRC) are distributed for reuse under Groundwater Discharge Permits NS0098005 and NS0098015.

NV0020133 also provides for 10 MGD of treatment through the Durango Hills WRC located at 3271 North Durango Drive, Las Vegas, Nevada, which is primarily used to provide re-use water for irrigation and may discharge during non-irrigation season. Irrigation re-use water from the Durango Hills Plant is regulated under the state discharge permit NS0098005. The treatment process at the Durango Hills WRC consists of preliminary treatment including grinding and grit removal, activated sludge, secondary sedimentation, and chlorination for disinfection. Under the NV0020133 permit, the plant is authorized to discharge up to 10 MGD to the storm-sewer system that feeds into the Las Vegas Wash.

Permit NV0022098, City of Henderson: Municipal wastewater (40 MGD, capacity) is treated at the wastewater treatment facility located at 450 East Galleria Drive, Henderson, Nevada. The treatment process consists of preliminary treatment with step screens and grit removal, secondary treatment, nutrient removal, filtration, and disinfection. Treated effluent is discharged to the Las Vegas Wash. The Kurt R. Segler Water Reclamation Facility (KRSWRF) treats all wastewater to reclaimed water specifications for both the Las Vegas Wash and for reclaimed water customers (regulated by Groundwater Discharge Permit NS0080003).

NV0022098 also allows for treatment of 8 MGD at its Southwest Water Reclamation Facility (SWRF) located at 2610 St. Rose Parkway, Henderson, Nevada. The SWRF produces reclaimed water that is discharged to the storm drain system or is used for irrigation. Treatment at the plant consists of: bar and band screens, grit removal, activated sludge with biological nutrient removal, membrane bio-reactors, and ultraviolet light for primary disinfection. Odor control is used throughout the plant.

Permit NV0021261, Clark County Water Reclamation District: Municipal wastewater (150 MGD, capacity) is a tertiary wastewater treatment facility located at 5857 East Flamingo Road, Las Vegas Nevada. Treatment at the plant consists of: preliminary treatment, primary sedimentation, advanced activated sludge, secondary clarification, filtration, and ultraviolet disinfection. The facility utilizes Biological Nutrient Removal in the activated sludge process. This process provides for significant phosphorus removal, the conversion of ammonia to nitrate (nitrification), and the partial removal of nitrogen (denitrification). Filtration is accomplished at two separate facilities and discharged through separate outfalls, Outfall 001 (East Campus) and Outfall 002 (West Campus). The East Campus also includes a 30 MGD membrane (filtration) and ozone (disinfection) facility.

Permit NV0023647, City of North Las Vegas: is authorized to discharge 25 MGD from the North Las Vegas Water Reclamation Facility (WRF) located near Betty Lane, Unincorporated Clark County, Nevada. The WRF includes preliminary treatment, consisting of bar screens and grit removal, followed by a membrane bioreactor secondary treatment process and solids processing. The WRF uses Biological Nutrient Removal to meet the Total Maximum Daily Load (TMDL)-derived limits for ammonia and total phosphorus, and to meet the permit requirements for discharge to public waters and for re-use. The on-site pump station draws reclaimed water from the chlorine contact tanks for distribution to a nearby golf course, while the remainder of the plant effluent is discharged to the Las Vegas Wash.

On the basis of preliminary review of the requirements of the Nevada Revised Statutes, as amended, and implementing regulations, the Administrator proposes to issue Permits NV0020133, NV0022098, NV0021261, and NV0023647 to allow discharge for a five (5) year period, subject to certain effluent limitations.

Persons wishing to comment upon 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 2/18/2015, 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, NV 89701

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. All comments or objections received within the thirty (30) day period will be considered in the formulation of final determination(s) regarding the application. If written comments indicate a significant degree of public interest in the proposed permit, the Administrator shall hold a public hearing. A public notice of such hearing will be issued not less than thirty (30) days prior to the 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 applications, proposed permits, 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 Clifford M. Lawson, P.E., Bureau of Water Pollution Control, at (775) 687-9414 or at clawson@ndep.nv.gov. The office facsimile number is (775) 687-4684. For further information, the fact sheet for this project can be viewed at the following website:
<http://ndep.nv.gov/admin/public.htm>.

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