



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 an application for a Manufacturing, Commercial, Mining and Silvicultural facility that discharges NON-PROCESS Wastewater, permit number NV0000060 from the following applicant:

TITANIUM METALS CORPORATION
P.O. BOX 2128
HENDERSON, NV - 89009

Permit NV0000060, TITANIUM METALS CORPORATION:

Titanium Metals Corporation (TIMET) manufactures titanium metal products from titanium dioxide by a series of chemical processes that include chlorination, purification, magnesium recovery, vacuum distillation, and final melting at the Henderson, Nevada facility located in the eastern portion of the Black Mountain Industrial Complex. The Permittee has applied for the renewal of a National Pollutant Discharge Elimination System permit to discharge process and non-process wastewater to the Las Vegas Wash (Wash) via the Pittman Bypass. In 2005 TIMET incorporated a treatment system for process effluent streams, known as the Water Conservation Facility (WCF). The WCF treats the process waste streams by neutralization, precipitation, clarification, and filtration. The process waste streams treated in the WCF are the air pollution control Spent Caustic stream, the Continuous Sludge Dryer stream, and the Other Process Water (OPW) stream. TIMET discharges WCF reverse osmosis permeate and crystallizer distillate water from Outfall 002 to the Wash via the Pittman Bypass. Currently, groundwater is pumped from a series of wells on the TIMET property and the extracted water is treated through an air stripper for removal of volatile organic compounds. The treated groundwater is then injected into a trench at the north end of the property under Underground Injection Control (UIC) permit GU07RL-51041. Under the direction of the Nevada Division of Environmental Protection Bureau of Industrial Site Cleanup, TIMET will cease operations under the UIC permit and will begin discharging groundwater from their groundwater extraction system into the WCF system. In fall 2015, TIMET anticipates bringing their crystallizer treatment system on-line. Brine water from the HP-1, HP-6, and GW-1 ponds will be pumped into the crystallizer at a maximum rate of 120 gallons per minute. Steam will condense on the outside of the heat exchanger shell; transferring heat to the concentrated brine re-circulation loop. The condensed steam becomes distilled water and is held in a distilled water tank until it is discharged to the reverse osmosis permeate tank for mixing. TIMET also discharges storm water; once-through, non-contact cooling water; descaling water; and swamp cooler water from Outfall 001 to the Wash. The discharge flow for each Outfall has been limited to a daily maximum of 10.19 million gallons per day (MGD; Outfall 001) and 0.576 MGD (Outfall 002).

On the basis of preliminary review of the requirements of the Nevada Revised Statutes, as amended, and implementing regulations, the Administrator proposes to issue Permit NV0000060 to 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 10/20/2015, 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

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 Briana Johnson, Bureau of Water Pollution Control, at (775) 687-9419 or at briana.johnson@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.