



STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Brian Sandoval, Governor

Leo M. Drozdoff, P.E., Director

Colleen Cripps, Ph.D., Administrator

Nevada Division of Environmental Protection FACTSHEET (Pursuant to NAC 445A.236)

PERMITTEE NAME: Republic DumpCo Incorporated
770 East Sahara Avenue
Las Vegas, Nevada 89104

PERMIT NUMBER: NEV2011510

LOCATION: Apex Regional Landfill - Holding Tanks
13550 US Hwy. 93
Las Vegas, Clark County, Nevada 89165

COORDINATES: Latitude - 36° 22' 56" Longitude - 114° 53' 02"
Township - 18S, Range - 64E, Section - 19 & 20

FLOW: Permanent holding tanks - Total holding tank volume capacity
- 45,000 gallons.

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 five-mile radius from the center-point of
the landfill's property.

WELLHEAD PROTECTION AREA: Holding tank systems permitted under this discharge permit
are located outside of the 6,000 feet Drinking Water
Protection Area (DWPA) and not within a delineated
wellhead capture zone for any public supply well.

GENERAL:

The applicant has applied for a new Nevada groundwater discharge permit - **NEV2011510**, for discharges from two (2) proposed permanent holding tanks systems at its **Apex Regional Landfill** facility; this facility is located in Las Vegas, Clark County, Nevada.

The applicant proposes to construct, operate and maintain two (2) permanent holding tanks at its Apex Regional Landfill. Each holding tank would have a volume capacity of 22,500 gallons; total holding tanks volume capacity - **45,000 gallons**. The holding tanks are sized in accordance with historical volume flows at this facility. The holding tanks will be placed on a concrete pad with a concrete curb for secondary containment.

The applicant proposes to use these permanent holding tanks to collect leachate and/or process water from its landfill in order to reuse it for dust control. Process water and condensate from the landfill gas collection and control systems associated with gas production will also be collected and stored in these tanks and also used for dust control. The landfill is lined with synthetic liners thus effectively making this dust control activity a “no discharge” operation.

Permit authorization would only be for discharges associated with dust control activities at this facility. All dust control activities shall take place over the lined part of the landfill - dust control activities over non-lined parts of the landfill are strictly prohibited. Ponding of leachate and/or landfill process water during dust control activities is also prohibited.

Per permit conditions, the Permittee shall provide a copy of a document describing the possible hazards and proper hygiene of working with and around leachate and/or landfill process water to all workers and other affected personnel. A copy shall be included in the approved (O & M) for this facility. All dust control areas shall be posted with conspicuous warning signs, clearly stating that leachate and/or landfill process water is utilized and contact should be avoided.

Furthermore, dust control activities shall be conducted in accordance with management practices which minimize leachate and/or landfill process water from drifting or carrying off the property. Spills and or overflows from the holding tank collection systems is strictly prohibited.

FLOW:

Total holding tank volume for this operation is **45,000 gallons**. Holding tank flows are not metered either individually or collectively. In order to ensure proper operation, the daily flow into each of the tank shall not exceed its storage capacity.

PROPOSED OPERATIONAL CONDITIONS:

Table - 1 - Holding Tank Limitations & Special Conditions

Tank Outfall	Site Description / Location ³	Tank Volume (Gallons)	Pumping Frequency	Holding Tank Inspections
1	Tank # 1	22,500	As Needed	Daily ^{1,2}
2	Tank # 2	22,500	As Needed	Daily ^{1,2}
	Total Volume	45,000	-	-

Notes:

1. Holding tanks shall be inspected daily for leaks;
2. All equipment used for leachate and/or landfill process water dust control application shall be inspected daily for leaks;
3. All dust control activities shall be carried out in a way that minimizes exposure to workers and anyone present at the facility during discharge activities.

Additional monitoring requirements for all categories may be added at the Division’s discretion. Spillage of any substance from the holding tanks collection system is strictly prohibited. The Permittee is required to implement an Operations & Maintenance (O & M) manual with operational policies that ensure proper equipment operation and compliance with the terms and conditions of this permit.

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 and/or maintain compliance with all effluent limitations upon issuance of the permit;
- b. By **MMM DD, 2011 (60 Days)**, the Permittee shall submit to NDEP a new Operations & Maintenance manual (O & M) for the holding tanks at this facility;

RECEIVING WATER CHARACTERISTICS:

Permitted discharges - dust control activities -shall only take place over the HDPE lined portion of the landfill. Depth to groundwater at this facility is in excess of 300 feet below surface.

PERMIT REQUIREMENTS & RATIONAL:

The permit requires routine monitoring, implementation of Best Management Practices (BMP), O & M and reporting to ensure the site is performing at a level that minimizes water pollution and protects public health and the environment.

For discharges which are not granted coverage under this permit because the discharge contains pollutants in quantities which represent reasonable potential to cause or contribute to violations of water quality standards, the discharger must apply for an individual NPDES permit.

OPERATION REQUIREMENTS:

The Permittee shall operate the facility in compliance with permit provisions and requirements and in accordance with the Division approved Operations and Maintenance Manual (O & M Manual). The O & M Manual shall contain information required to comply with this permit. Spill response procedures shall be documented in the facility's O & M Manual.

PROPOSED DETERMINATION:

The division has made the tentative determination to issue the proposed permit, under the provisions prescribed, for a 5-year period. Under NAC 445A.232, this permit is classified discharge of process wastewater of less than 50,000 gallons.

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 **October 2nd, 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.

The application and proposed permit on file and may be copied or copies may be obtained by writing or by calling [Alexi Lanza, P.E.](mailto:alanza@ndep.nv.gov), Bureau of Water Pollution Control at (775)687-9468; fax: (775)687-4684; or email: alanza@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: [Alexi Lanza, P.E.](mailto:alanza@ndep.nv.gov)
Nevada Division of Environmental Protection
Bureau of Water Pollution Control - Permits Branch
August - 2011