

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

FACT SHEET (pursuant to NAC 445A.236)

Permittee Name: Wal-Mart Stores East, LP
601 North Walton Blvd, MS-L28
Bentonville, AR 72716-0710

Permit Number: NEV2006505

Facility Location: Wal-Mart distribution Center No. 7048
2155 USA Parkway
McCarran, NV 89434
Latitude: 39° 32' 18" N, Longitude: 119° 28' 35" W
T19N, R22E, Section 1, 2, and 11 MDB&M

Discharge Location: Tahoe Reno Industrial Center (TRIC)
Regional Detention Pond
Latitude: 39° 32' 54" N, Longitude: 119° 28' 49" W
T19N, R22E, Section 2 MDB&M

Discharge Outfalls: 001 - TRIC Regional Detention Pond via a 6" PVC pipeline

General: Wal-Mart Distribution Center No. 7048 is located at the Tahoe Reno Industrial Center (TRIC) in Storey County, Nevada. The facility includes a large food distribution warehouse that utilizes an extensive refrigeration system to keep the perishable products refrigerated until delivery to Wal-Mart retail centers.

Wal-Mart uses potable water from the TRIC water system to cool the refrigeration coils at this facility. The cooling water is treated with inhibitors to prevent corrosion, scaling, and biological growth. The condenser blowdown water flows by gravity to the TRIC Regional Detention Pond via a 6" PVC pipeline. The detention pond also receives treated effluent from the TRIC-General Improvement District Wastewater Treatment Plant (Permit NEV2000502) and the Naniwa Power Plant (Permit NEV2001505).

Water from the detention pond may be left to evaporate, or be used for dust control and/or landscape irrigation of developed areas inside the TRIC.

Flow: The facility's requested daily maximum flow rate is 0.040 million gallons per day (MGD); the requested 30-day average flow rate is 0.027 MGD.

Receiving Water Characteristics: Discharge is to a detention pond with possible infiltration to groundwater. The Truckee River, which is located approximately one mile north of the detention pond, is not expected to be impacted.

Site Groundwater: Depth to groundwater in the area varies from 30 feet to 200 feet below ground surface. Groundwater flow direction is reported to be static.

Well Head and Drinking Water Supply Protection: This facility is not located within a Drinking Water Protection Area (DWPA). This facility is not located within a Wellhead Protection Area

established for any well sources.

Corrective Action Sites: There are no Bureau of Corrective Actions remediation sites within a one-mile radius of the facility.

Proposed Discharge Sampling and Monitoring Requirements: Quarterly reporting is required by the permit.

Effluent samples and measurements for the discharge to the detention pond, Outfall 001, taken in compliance with the monitoring requirements specified below, shall be collected at the following locations:

- i. Flow Meter
- ii. Sampling point downstream of the flow meter

Table I. Discharge Limitations, Sampling, and Monitoring Requirements

Parameters	Discharge Limitations		Monitoring Requirements		
	30-Day Average	Daily Maximum	Sampling Locations	Monitoring Frequency	Sample Type
Flow (MGD)	0.027	0.040	i	Continuous	Flow Meter
Total Dissolved Solids (mg/L)	Monitor & Report		ii	Quarterly	Discrete
Chloride (mg/L)	Monitor & Report		ii	Quarterly	Discrete
Profile I (mg/l) (Attached as appendix A)	Monitor & Report		ii	Annually	Discrete

MGD: million gallons per day

mg/L: milligrams per liter

Rationale for Permit Requirements: The Division has established the monitoring requirements in Table I. to ensure that waters of the State are not degraded as a result of project activities.

Flow: 0.027 MGD, 30-day Average; 0.040 MGD, Daily Maximum. This the amount of flow requested by the applicant.

TDS: Monitor & Report - Sample and report results quarterly. This limitation has been retained from the original permit. Reported analytical results show average TDS concentrations of 800 mg/L.

Chloride: Monitor & Report - Sample and report results quarterly. This limitation has been retained from the original permit. Reported analytical results show average Chloride concentrations of 44 mg/L.

Profile I: Monitor & Report - Sample and report results on the 4th Quarter Discharge Monitoring Report form. These parameters have been added to this permit to allow NDEP to monitor constituents that may be discharged to groundwater of the State.

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 **MMMM DD, 2011** (60 days from permit issuance), the Permittee shall submit an updated Operations and Maintenance (O&M) Manual for review and approval by the Division. The submitted O&M Manual shall address any changes in the operational procedures, or equipment used, at the permitted facility.

If no updates or revisions are required, the Permittee shall submit a letter by the above due date stating that there have been no changes to the previously approved O&M Manual.

Before implementing changes to an approved O&M Manual, the Permittee shall submit proposed changes to the Division for review and approval.

All schedule of compliance submittals and evidence of compliance documents shall be submitted to the Bureau of Water Pollution Control Compliance Coordinator at the address listed below:

**Division of Environmental Protection
Bureau of Water Pollution Control
ATTN: Compliance Coordinator
901 S. Stewart Street, Suite 4001
Carson City, Nevada 89701-5249**

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

Procedures for Public Comment: The Notice of the Division's intent to renew a groundwater discharge permit authorizing this facility to discharge to the TRIC regional detention pond for a five-year period, 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 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 **November 17, 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: Arthur Marr, P.E.
Date: September, 2011