



**FACTSHEET**  
**(pursuant to NAC 445A.236)**

**Permittee Name:** TURNER GAS COMPANY  
PO BOX 26554  
SALT LAKE CITY, UT - 84126

**Permit Number:** NS0089020

**Location:** CARLIN RAIL TERMINAL, ELKO  
2001 EAST CHESTNUT STREET, CARLIN, NV - 89822  
LATITUDE: 40.719967, LONGITUDE: -116.090652  
TOWNSHIP: 33N, RANGE: 52E, SECTION: 26

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	EVAPORATION POND	External Outfall		CARLIN	NV	89822	ELKO	40.719967	-116.090652	GROUNDWATER
002	OILY WATER	Internal Outfall		CARLIN	NV	89822	ELKO	40.719967	-116.090652	GROUNDWATER

**General:**

Turner Gas Company has applied for the renewal of permit NS0089020 for the Carlin Rail Terminal (CRT), a trans-loading terminal for distribution of petroleum (diesel) product, in Carlin, Elko County, Nevada. Incident stormwater and petroleum leaks/spills from the offloading, storage, and loadout areas are routed to two collection sumps. Water that has come into contact with petroleum is treated in a 500-barrel (21,000 gallon) capacity oil/water separator. Collection sump water and effluent from the oil/water separator water compartment is discharged into a high-density polyethylene-lined evaporation pond. The evaporation pond has a 60-foot length, 25-foot width, and 2-foot operating depth. The product from the oil/water separator oil-side compartment is reprocessed offsite for petroleum recovery. A 1.5-horsepower recirculation pump and spray bar at the pond enhances surface evaporation.

**Discharge Characteristics:**

The discharge to the evaporation pond consists of water from the collection sumps and from the oil/water separator. Four discharges to the evaporation pond occurred between the 4th quarter of 2010 and the 3rd quarter of 2015. The discharges occurred during the 2nd quarter of 2011, 3rd quarter of 2011, 1st quarter of 2012, and 2nd quarter of 2012; the daily maximum flow rate for each of these discharges was 9,300 gallons per day (gpd), 5,000 gpd, 2,400 gpd, and 5,800 gpd, respectively.

The current permit authorizes the discharge of water from the evaporation pond for dust control purposes. However, no discharge of water for dust control occurred between the 4th quarter of 2010 and the 3rd quarter of 2015.

The Permittee is considered to be in substantial compliance with the current permit.

**Receiving Water:**

The receiving water is groundwater of the State. Groundwater at this site is 10 feet below ground surface and flows south-southeast toward the Humboldt River.

**Summary of Changes From Previous Permit:**

A daily maximum flow rate limit of 22,440 gallons per day (gpd) has been added.

The requirement to inspect the evaporation pond liner once during the permit term has been added.

As requested by the Permittee, authorization to discharge water from the evaporation pond for dust control purposes has been removed.

Due to the new naming conventions at the Nevada Division of Environmental Protection (NDEP), Bureau of Water Pollution Control, the permit number has been changed from NEV89020 to NS0089020. This change does not reflect a change in the type of permit being issued.

**Proposed Effluent Limitations:**

The discharge shall be limited and monitored by the Permittee as specified below:

**NS OTHER - Discharge Limitations Table for Sample Location 002 (Oily Water) To Be Reported Monthly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate <sup>[1]</sup>	30 Day Average	M&R Gallons per Day (gal/d)		Internal Monitoring Point	003	Daily When Discharging <sup>[2]</sup>	CALCTD
Flow rate <sup>[1]</sup>	Daily Maximum	M&R Gallons per Day (gal/d)		Internal Monitoring Point	003	Daily When Discharging <sup>[2]</sup>	CALCTD

Notes (NS OTHER - Discharge Limitations Table):

1. Oily water transported offsite for reprocessing (oil recovery)
2. Each event

**Ponds / Rapid Infiltration Basins for Sample Location 001 (Evaporation Pond) To Be Reported Monthly**

Parameter	Discharge Limitations			Monitoring Requirements			
	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate <sup>[1]</sup>	30 Day Average	M&R Gallons per Day (gal/d)		Effluent Gross	001	Daily When Discharging <sup>[2]</sup>	CALCTD
Flow rate <sup>[1]</sup>	Daily Maximum	<= 22440 Gallons per Day (gal/d)		Effluent Gross	001	Daily When Discharging <sup>[2]</sup>	CALCTD

**Notes (Ponds / Rapid Infiltration Basins):**

1. Discharge of water into the evaporation pond
2. Each event

**Rationale for Permit Requirements:**

The permit limits and monitoring requirements have been established to prevent degradation of the receiving water.

**Special Conditions:**

Substantial compliance with the current permit is a condition of permit renewal.

SA – Special Approvals / Conditions Table

There are no Special Approval / Condition items
---

**Flow:**

Daily Maximum Flow Rate  $\leq$  22,440 gpd

**Corrective Action Sites:**

There are no Bureau of Corrective Actions (BCA) remediation sites located within a one-mile radius of the CRT.

**Wellhead Protection Program:**

The CRT is not located within a Wellhead Protection Area, but is located with the 6,000-ft Drinking Water Protection Area for one well.

**Schedule of Compliance:**

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit an updated Operations and Maintenance (O&M) Manual to the Division. The O&M Manual shall be prepared in accordance with guidance document <i>WTS-2: Minimum Information Required for an Operation and Maintenance Manual for a Wastewater Treatment Plant</i> .	7/28/2016
2	By 10/28/2016, the Permittee shall submit to the Division a plan and schedule for inspection of the evaporation pond liner. The evaporation pond liner shall be inspected once during the permit term to verify its integrity.	10/28/2016
3	By 03/31/2021, the Permittee shall submit to the Division a report containing the results of the evaporation pond liner inspection.	3/31/2021

**Deliverable Schedule:**

## DLV– Deliverable Schedule for Reports, Plans, and Other Submittals

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly Discharge Monitoring Report	Quarterly	7/28/2016
2	Annual Report	Annually	1/28/2017

**Procedures for Public Comment:**

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Reno Gazette Journal, Elko Daily Free Press** 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 until 5:00 P.M. **3/22/2016**, a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator of EPA Region IX 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 determined to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

**Proposed Determination:**

The Division has made the tentative determination to issue / re-issue the proposed 5-year permit.

Prepared by: **Alan Pineda**

Date: **2/10/2016**

Title: **Staff I Associate Engineer**