

# NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

## FACT SHEET

(pursuant to NAC 445A.236)

**Permittee Name:** Internal Revenue Service, c/o EG&G Technical Services, US Customs Service Support, 3702 Pender Drive, Suite 400, Fairfax, Virginia 22030

**Permit Number:** NEV40031

**General:** The permittee is currently in responsible control of the Mustang Ranch facilities, formerly operated by the A.G.E. Corporation at 155 East Mustang Ranch Road in Mustang, Story County, Nevada. The applicant proposes to continue to treat wastewater in a septic tank and dispose of the treated effluent to groundwaters of the State via leach fields. The system serves the former Mustang Ranch facilities and the current Old Bridge Ranch facility.

**Receiving Water Characteristics:** The groundwater is at a depth of approximately 32 feet, flows in a northerly direction, and is of drinking water quality.

**Description of the Location of the Discharge:** The Mustang Ranch is located at 155 East Mustang Road, In Mustang, Nevada. The leach fields are located about 500 feet from the Truckee River and below Murphy Ditch. Latitude: 39° 31' 56" N; Longitude 119° 37' 01" W.

**Flow:** The permit limits flow to : 28,000 gal/day 30 day avg.; 35,000 gal/day daily maximum.

### **Proposed Effluent Limitations: Table I.2: Groundwater Monitoring**

<u>PARAMETERS</u>	<u>GROUNDWATER LIMITATIONS</u>	<u>MONITORING REQUIREMENTS</u>	
		Measurement Frequency	Sample Type
Dept to Groundwater	Monitor and Report	Quarterly	Discrete
Groundwater Elevation	Monitor and Report	Quarterly	Calculate
Nitrate as N	Nitrate 10 mg/l (See Permit condition I.A.3.)	Quarterly	Discrete
Total Nitrogen as N	Monitor and Report Each Species of Nitrogen	Quarterly	Calculate
Total Dissolved Solids	Monitor and Report	Quarterly	Discrete
Chloride	Monitor and Report	Quarterly	Discrete

Total Nitrogen as N=Total Kjeldahl Nitrogen as N + Nitrate as N + Nitrite as N

*draft*

**Rationale for Permit Requirements:** The flow is limited to the design capacity of the septic tank and leach fields. Three monitoring wells have been installed to monitor the impacts of the discharge from the leach fields upon groundwater quality.

**Procedures for Public Comment:** The Notice of the Division's intent to issue a permit authorizing the facility to discharge to the groundwater of the State of Nevada 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 30 days following the date of newspaper publication. 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 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 the proposed permit renewal for a five-year period.

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