

**NEVADA DIVISION OF ENVIRONMENTAL PROTECTION**  
**FACT SHEET**  
(Pursuant to NAC 445A.236)

**Permittee Name:** My Own Mobile Home Park  
HCR 70 Box 562D  
Amargosa Valley, NV 89020-9264

**Permit Number:** NEV80013

**Location:** 4295 S. Hwy. 373, Amargosa Valley, Nye County  
Wastewater Treatment Ponds:  
Latitude: 36° 24' 55" N, Longitude: 116° 25' 2" W  
Elevation: 2,157 ft., Above Sea Level  
Township 18S, Range 49E, NW¼ of SE¼, Section 2

**Bureau of Corrective Actions Sites:** There is no Bureau of Corrective Action (BCA) remediation site located within a one-mile radius of this mobile home park's wastewater treatment ponds.

**Wellhead Protection Area:** The two potable supply wells for this mobile home park serve seven connections (lots) and are not defined as a public water system since they serve fewer than 15 connections and do not regularly serve 25 or more persons (NRS 445A.235). The mobile home park's wastewater treatment ponds are however located within 3,000 ft. proximity (Drinking Water Protection Area No. 3) from a Non-Transient Non-Community supply well providing potable water to the Longstreet Inn & Casino, which is located on the opposite (east) side of Hwy 373. A wellhead capture zone has not been defined for the casino's well, but this supply well is ranked as vulnerable to volatile (VOC) and inorganic (IOC) contamination. This casino's supply well is also located within 750 ft. of four wastewater treatment ponds owned and operated by the Longstreet Inn & Casino (NEV95004).

**General:** In 1979, the former permit holder, American Borate Mining Co., had opened a 92-lot mobile home park to house its employees and their families at its open-pit colemanite (borate) mine. Five years ago, the colemanite mine closed, and ownership of the mobile home park was transferred to the current permit holder, My Own Mobile Home Park, on July 22, 2005. This permit action is the current Permittee's first renewal.

**Treatment Ponds:** The 0.9-acre (ea.) primary and secondary clay-lined treatment ponds were constructed in 1979. These two ponds were designed in facultative (non-mechanically aerated) series mode. In 1985, a 0.9-acre unlined infiltration basin (third pond) was added for additional capacity. NDEP inspections indicate at the current low flow situation, there is only sufficient effluent to wet one-half or less of the first treatment pond's basin with the second pond and the infiltration basin maintained dry. To maintain the clay liner in the first pond, the pond vegetation (weeds) are burned annually since basin disking or weed pulling could speed up the clay liner's deterioration.

**Receiving Water Characteristics:** This pond system does not have a monitoring well installed. Depth to groundwater in the park's two supply wells (both installed 2010) averaged 60 ft. below

ground surface (bgs). These two wells are screened in the supply aquifer from 140 to 200 ft. bgs. Groundwater flow is south-southeast to the Amargosa River (seasonal).

**Flow:** The mobile home park currently leases seven lots. NDEP guidance (i.e., Uniform Plumbing Code) suggests 250 gallon per day (GPD) wastewater flow per mobile home lot. Thus, estimated flow is 1,750 GPD. With all three basins in operation, rated system capacity is 22,000 GPD, but for this permit renewal, the owner requests a lower limit of 10,000 GPD to be waived of the certified operator requirement in NAC 445A.286. To measure the flow, the influent vault has the original recording (analog counter) flow meter installed in the flume. At 250 GPD of flow per lot, 10,000 GPD flow is equivalent to 40 occupied lots.

**DMR Analysis:** In the last five years, no effluent was discharged into the infiltration basin (pond #3). The influent wastewater is of domestic (sanitary) origin. Its strength (CBOD/TSS) when sampled is considered weak (165/25 mg/l). Due to low flow, the owner observes solids settling in the collection system requiring periodic line flushing with well water to prevent blockage hence the low observed suspended solids level. For comparison, the typical municipal wastewater influent strength (BOD<sub>5</sub>/TSS) is 240/220 mg/l for systems serving a mix of residential, commercial and industrial connections.

**Rational for Permit Requirements:** Influent wastewater flow is measured at the recording meter located in the influent vault. The Division’s pond effluent treatment standards for Inhibited BOD<sub>5</sub> (CBOD) and TSS levels are 45/90 mg/l (daily maximum) and would apply for any discharge into the infiltration basin (pond #3).

**Table 1: Discharge Limitations**

PARAMETER	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	30-Day Average	Daily Maximum	Measurement Frequency	Sample Type
Flow, GPD (Influent)	≤ 10,000		Continuous	Flow Meter
CBOD, mg/L (Effluent)	45		Quarterly	Discrete
TSS, mg/L (Effluent)	90		Quarterly	Discrete
pH, Std. Units (Effluent)	Between 6.0 & 9.0		Quarterly	Discrete
Occupied Lots	Monitor & Report		Quarterly	Occupancy Records

1. Flow – measured in the influent vault.
2. Effluent – sampled at Pond #3 inlet. If no discharge, indicate “NO DISCHARGE” on DMR.
3. Occupied Lots – Average number of lots (spaces) occupied per quarter.

**Schedule of Compliance: (all compliance deliverables shall be addressed to the attention of the Compliance Coordinator, Bureau of Water Pollution Control):**

- None requested at this time. The O&M Manual was current as of the last permit renewal five years ago.

**Procedures for Public Comment:** The Notice of the Division's intent to renew this discharge permit is being sent to the **Pahrump Valley Times** and **Las Vegas Review-Journal** newspapers for publication. The notice is also being electronically mailed to all interested persons requesting listing on our public notification mailing list. Anyone wishing to comment on the proposed permit can do so in writing within a period of thirty (30) calendar days of 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 **Friday, August 27, 2010, by 5:00 P.M. PST.**

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.

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

Prepared by: Mark A. Kaminski, P.E., Staff Engineer III  
Bureau of Water Pollution Control

Date: July 22, 2010