



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

**Permittee Name:** SMOKY VALLEY ENTERPRISES LLC  
HC 60 BOX 607  
ROUND MOUNTAIN, NV 89045

**Permit Number:** NS0020018

**Permit Type:** GROUNDWATER DISCHARGE

**Designation:** GROUNDWATER

**New/Existing:** EXISTING

**Location:** CARVER'S SMOKY VALLEY RV & MHP, NYE  
53220 NV HWY 376, ROUND MOUNTAIN, NV 89045  
LATITUDE: 38.781733, LONGITUDE: -117.172939  
TOWNSHIP: 11 N, RANGE: 43 E, SECTION: 29

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Latitude	Longitude	Receiving Water
001	INFLUENT TO SEPTIC TANK	Intake Structure		38.783456	-117.171522	NOT APPLICABLE
002	DISCHARGE WEIR	External Outfall		38.783456	-117.171522	GROUNDWATER
003	EFFLUENT PONDS 1 & 2	External Outfall		38.783841	-117.171584	GROUNDWATER
004	MONITORING WELL (MW-1)	Monitoring Well		38.784284	-117.171005	GROUNDWATER
005	MONITORING WELL (MW-2)	Monitoring Well		38.783456	-117.171522	GROUNDWATER
006	SEPTIC TANK	External Outfall		38.783456	-117.171522	GROUNDWATER

**Permit History/Description of Proposed Action**

The Permittee, Smoky Valley Enterprises LLC, has applied for the renewal of Permit NS0020018 for their Carver's Smoky Valley Recreational Vehicle and Manufactured Home Park (RV/MH Park) onsite sewage disposal system (OSDS), located at 53220 NV HWY 376, approximately eight miles northwest of Round Mountain, within Nye County, Nevada. The Permittee proposes to continue discharging disinfected and treated wastewater to evaporation/percolation ponds located onsite.

This permit was first issued on March 15, 1996. The most recent permit was issued on April 1, 2016, and expired on March 31, 2021; the permit has been administratively continued since.

**Facility Overview**

The RV/MH Park was constructed in 1982. The RV/MH Park includes 120 domestic hookups and a coin-operated laundry facility. Currently, there are approximately 100 residential connections in use along with the laundry facility. The treatment system consists of a wet well, a 34,500-gallon capacity, three (3)-chambered OSDS (aerated septic tank), a 500-gallon chlorine contact tank, and two unlined, effluent discharge ponds (effluent Ponds 1 and 2). Two piezometers have been drilled for use as monitoring wells (MWs). The two MWs are located adjacent to the RV/MH Park.

Incoming domestic sewage gravity flows to a wet well and into the three (3)-chambered OSDS for primary settling, aeration, and secondary settling. Next, the secondary-treated effluent flows into the tablet-fed

chlorinator, and is then discharged into effluent Pond 1 for further polishing and disposal via evaporation and percolation into the groundwater. Pond 2 serves as an overflow pond.

The two (2) groundwater monitoring wells are utilized to monitor potential impacts associated with treatment operations, with the downgradient MW-1 being located down in the north corner of the parcel and MW-2 being located upgradient of, and closest, to the OSDS system.

### **Outfall Summary**

Outfall 001 – This internal outfall is for measuring the domestic sewage (influent) flowing into the Carver RV/MH Park's OSDS.

Outfall 002 - This external outfall is for flow rate measurements of the treated effluent being diverted to the evaporation/percolation ponds and located at the chlorine contact tank.

Outfall 003 – This external outfall is for the monitoring of the disinfected, secondary-treated effluent being discharged into the two unlined, evaporation/percolation ponds.

Outfall 004 – This downgradient monitoring well outfall (MW-1) is for the monitoring of potential impacts to the groundwater located in that area and is located in the north corner.

Outfall 005 – This upgradient monitoring well outfall (MW-2) is for the monitoring of potential impacts to the groundwater located in the area near the OSDS system.

Outfall 006 – This external outfall is for the monitoring of sludge within the OSDS.

### **Facility Upgrades since last issued permit**

There have been no facility upgrades done since the last issued permit.

### **Solids Handling**

Solids are taken by a contracted pump truck to the various locations through Nevada depending on the pump truck contractor hired.

### **Effluent Management and Reuse**

The treated effluent is discharged into one of the two unlined ponds for evaporation and percolation into the groundwater. There is no reuse.

### **Design Flow (and basis) and Measurement & Current Capacity**

The capacity of the OSDS is 34,500 gallons, with no associated flow rate described in the manufacturer's brochure.

The proposed permit establishes a daily maximum of M&R million gallons per day (Mgal/d) for the effluent, with the previous permit being issued for a quarterly average flow rate of 0.034 Mgal/d. The average reported flow rate was 0.014 Mgal/d, during the period reviewed.

If capacity calculations are based on an average sewage rate of 200 gallons per day per trailer (mid-level use), and 100 hookups, the estimated daily capacity of the OSDS would be 20,000 gallons; thus, the capacity is estimated to be at approximately 57%.

### **Pretreatment Program**

The facility does not meet the federal Environmental Protection Agency's (EPA's) guidelines requiring them to have a pretreatment program.

### **Operations & Maintenance (O&M) Manual status**

The RV/MH Park's O&M Manual was last reviewed and approved in 2003. The Technical, Compliance, and Enforcement Branch of the Bureau of Water Pollution Control requires O&M Manuals to be updated every ten (10) years, with an updated O&M Manual due within ninety (90) days from the permit issuance date.

## Effluent Characterization

Nevada State Network Discharge Monitoring Report (NetDMR) data, as reported from January 2020 to January 2026, was reviewed as part of this permit renewal process. Carver's OSDS discharges secondary-treated, disinfected wastewater to the evaporation/percolation ponds.

The following reported averages were taken from January 2020 to January 2026 reporting period:

### Abbreviations:

BOD5 – Biochemical Oxygen Demand, 5-day  
 Depth – Depth to water level feet below land surface  
 TDS – Total Dissolved Solids  
 TSS – Total Suspended Solids  
 mg/L – Milligrams per Liter  
 Mgal/d – Million Gallons per Day  
 S.U. – Standard Units

### Outfall 001 (Influent):

BOD5: 152 mg/L  
 TSS: 97 mg/L

### Outfall 002 (Weir at Chlorine Contact Tank):

Flow Rate: 0.014 Mgal/d (quarterly average)

### Outfall 003 (Effluent):

BOD5: 58 mg/L  
 TSS: 73 mg/L

### Outfall 004 (downgradient Monitoring Well MW-1):

Chloride: 16.43 mg/L  
 Depth: 9.02 feet  
 Nitrogen: 1.12 mg/L  
 TDS: 250 mg/L

### Outfall 005 (upgradient Monitoring Well MW-2):

Chloride: 44.68 mg/L  
 Depth: 8.11 feet  
 Nitrogen: 4.11 mg/L  
 TDS: 534 mg/L

### Outfall 006 (OSDS/Septic Tank):

Sludge: 1.15 feet

The average rate of removal for BOD5 after treatment was approximately 62%, while the removal rate for TSS was 25%.

## Pollutants of Concern

Pollutants of concern are any pollutants or parameters that are believed to be present in the discharge and could affect or alter the physical, chemical, or biological condition of the receiving water. Common pollutants of concern for the treated effluent and groundwater are:

Effluent: BOD5, General Fecal Coliform, Nitrogen, and pH.

Monitoring Wells: Chloride, Nitrogen, and TDS.

**Receiving Water**

The receiving water is groundwaters of the State. Groundwater monitoring is required to ensure groundwaters of the State are protected. Groundwater is monitored in two (2) monitoring wells, located near the effluent ponds and OSDS.

**Compliance History**

The facility was previously in compliance during the January 2020 to January 2026 reporting period, apart from some exceedances of reported parameters.

**Proposed Effluent Limitations**

The Permittee is authorized to discharge in accordance with the limitations, requirements, and conditions of this permit.

**WWTP Discharge Limitations Table for Sample Location 001 (Influent To Septic Tank) To Be Reported Quarterly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
BOD, 5-day <sup>[1]</sup>	Daily Maximum		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	001	Quarterly	DISCRT
BOD, 5-day <sup>[1]</sup>	Quarterly Average		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	001	Quarterly	DISCRT
Solids, total suspended <sup>[1]</sup>	Daily Maximum		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	001	Quarterly	DISCRT
Solids, total suspended <sup>[1]</sup>	Quarterly Average		M&R Milligrams per Liter (mg/L)	Raw Sewage Influent	001	Quarterly	DISCRT

Notes (WWTP Discharge Limitations Table):

- Both BOD, 5-day and total suspended solids should be sampled concurrently with the treated effluent (Outfall 002) to determine actual removal rates achieved.

**WWTP Discharge Limitations Table for Sample Location 002 (Discharge Weir-External Outfall) To Be Reported Quarterly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	Quarterly Average	<= .034 Million Gallons per Day (Mgal/d)		Effluent Gross	002	Quarterly	INSTAN

**WWTP Discharge Limitations Table for Sample Location 003 (Effluent Ponds 1 & 2-External Outfall) To Be Reported Quarterly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
BOD, 5-day <sup>[1]</sup>	Daily Maximum		<= 45 Milligrams per Liter (mg/L)	Effluent Gross	003	Quarterly	DISCRT
BOD, 5-day <sup>[1]</sup>	Quarterly Average		<= 30 Milligrams per Liter (mg/L)	Effluent Gross	003	Quarterly	DISCRT
Nitrogen, total	Daily Maximum		M&R Milligrams per Liter (mg/L)	Effluent Gross	003	Quarterly	DISCRT
pH, maximum	Daily Maximum		<= 9.0 Standard Units (SU)	Effluent Gross	003	Quarterly	DISCRT
pH, minimum	Daily Minimum		>= 6.0 Standard Units (SU)	Effluent Gross	003	Quarterly	DISCRT
Solids, total suspended <sup>[1]</sup>	Daily Maximum		<= 135 Milligrams per Liter (mg/L)	Effluent Gross	003	Quarterly	DISCRT
Solids, total suspended <sup>[1]</sup>	Quarterly Average		<= 90 Milligrams per Liter (mg/L)	Effluent Gross	003	Quarterly	DISCRT
BOD, 5-day, percent removal	Quarterly Minimum <sup>[2]</sup>		>= 85 Percent (%) [1]	Effluent Gross	003	Quarterly	CALCTD
Solids, suspended percent removal	Quarterly Minimum <sup>[2]</sup>		>= 85 Percent (%) [1]	Effluent Gross	003	Quarterly	CALCTD

Notes (WWTP Discharge Limitations Table):

1. Both BOD, 5-day and total suspended solids should be sampled concurrently with Outfall 001 to determine exact removal rates achieved.
2. Quarterly Minimum Average.

**Groundwater Monitoring Wells Table for Sample Location 004 (Monitoring Well Mw-1) To Be Reported Quarterly<sup>[1][2]</sup>**

Parameter	Discharge Limitations			Monitoring Requirements			
	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	004	Quarterly	DISCRT
Depth to water level ft below landsurface <sup>[3]</sup>	Daily Minimum	M&R Feet (ft)		Groundwater	004	Quarterly	VISUAL
Nitrogen, total	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Groundwater	004	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	004	Quarterly	DISCRT
Water level relative to mean sea level <sup>[4]</sup>	Daily Maximum	M&R Feet (ft)		Groundwater	004	Quarterly	CALCTD

Notes (Groundwater Monitoring Wells Table):

1. Groundwater samples shall be taken only after purging at least three (3) well volumes of groundwater from each monitoring well.
2. If the monitoring well is found to be dry during the reporting period, report as "Dry" or "W" in the DMR database for this outfall.
3. Depth to groundwater.
4. Groundwater elevation above mean sea level (AMSL).

**Groundwater Monitoring Wells Table for Sample Location 005 (Monitoring Well Mw-2) To Be Reported Quarterly<sup>[1][2]</sup>**

Parameter	Discharge Limitations			Monitoring Requirements			
	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	005	Quarterly	DISCRT
Depth to water level ft below landsurface <sup>[3]</sup>	Daily Minimum	M&R Feet (ft)		Groundwater	005	Quarterly	VISUAL
Nitrogen, total	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	005	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	005	Quarterly	DISCRT
Water level relative to mean sea level <sup>[4]</sup>	Daily Maximum	M&R Feet (ft)		Groundwater	005	Quarterly	CALCTD

Notes (Groundwater Monitoring Wells Table):

1. Groundwater samples shall be taken only after purging at least three (3) well volumes of groundwater from each monitoring well.
2. If the monitoring well is found to be dry during the reporting period, report as "Dry" or "W" in the DMR database for this outfall.
3. Depth to groundwater.
4. Groundwater elevation above mean sea level (AMSL).

**Ponds / Rapid Infiltration Basins for Sample Location 006 (Septic Tank) To Be Reported Annually<sup>[1][2]</sup>**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Sludge/Solids, depth	Maximum Value	M&R Feet (ft)		Sludge	006	Annual	VISUAL

Notes (Ponds / Rapid Infiltration Basins):

1. The Permittee shall measure the sludge depth in the septic tank during the third quarter and report the depth in the 3rd quarter DMRs.
2. If the sludge depth reported in the 3rd quarter DMRs exceeds 24-inches, the septic tank shall be pumped by a licensed septage pumper during that same quarter. After the septic tank is pumped, the Permittee shall provide a copy of the receipt proving that the septage was pumped and disposed of properly.

**Summary of Changes From Previous Permit**

The physical address was updated to the Nye County Recorder's address being:

53220 NV Hwy 376 #120, Round Mountain, Nevada (previous address is to a tire shop previously owned by the Permittee and sold in 2023)

Coordinates were updated to the following:

Carver's RV and MHP Coordinates: Lat. 38.781733, Long. -117-1729369

OSDS System, Monitoring Well (MW-2): Lat. 38.783456, Long. -117.171522

Effluent Ponds: Lat. 38.78381, Long. -117.171584

Monitoring Well (MW-1): Lat. 38.784284, Long. -117.171005

Under Outfall 001 To Be Reported Quarterly, the following parameters were added:

CHANGED - BOD, 5-Day, Base and Monitoring Locations, from a "Quarterly Maximum" Base to a "Quarterly Average" Base and the "Intake" Monitoring Location to a "Raw Sewage Influent" Monitoring Location, the remaining monitoring requirements remain the same as previous permit.

CHANGED - Solids, total suspended, Base and Monitoring Locations, from a "Quarterly Maximum" Base to a "Quarterly Average" Base and the "Intake" Monitoring Location to a "Raw Sewage Influent" Monitoring Location, the remaining monitoring requirements remain the same as previous permit.

ADDED - BOD, 5-Day, with a "Daily Maximum" Base, a "M&R Milligrams per Liter (mg/L)" Concentration, a "Raw Sewage Influent" Monitoring Location, a "Quarterly" Measurement Frequency, and a "Discret" Sample Type.

ADDED - Solids, total suspended, with a "Daily Maximum" Base, a "M&R Milligrams per Liter (mg/L)" Concentration, a "Raw Sewage Influent" Monitoring Location, a "Quarterly" Measurement Frequency, and a "Discret" Sample Type.

Along with the footnote:

1. Both BOD, 5-day and total suspended solids should be sampled concurrently with Outfall 003 to determine exact removal rates achieved.

Under Outfall 003, To Be Reported Quarterly, the following additions and changes were made:

CHANGED - BOD, 5-Day, Base and Concentration, from a "Quarterly Maximum" Base to a "Quarterly

Average" Base and the concentration from " $\leq 45$  Milligrams per Liter (mg/L)" Concentration to a " $\leq 30$  Milligrams per Liter (mg/L)" Concentration, with the remaining monitoring requirements staying the same as the previous permit.

CHANGED - Solids, total suspended, from a "Quarterly Maximum" Base to a "Quarterly Average" Base, with the remaining monitoring requirements staying the same as previous permit.

ADDED - BOD, 5-day, with a "Daily Maximum" Base, a "45 Milligrams per Liter (mg/L)" Concentration, a "Effluent Gross" Monitoring Location, a "003" Monitoring Point, a "Quarterly" Measurement Frequency, and a "Discret" Sampling Type.

ADDED - Nitrogen, with a "Daily Maximum" Base, a "M&R Milligrams per Liter (mg/L)" Concentration, a "Effluent Gross" Monitoring Location, a "003" Monitoring Point, a "Quarterly" Measurement Frequency, and a "Discret" Sampling Type.

ADDED - pH, maximum, with a "Daily Maximum" Base, a "9.0 Standard Units (S.U.)" Concentration, a "Effluent Gross" Monitoring Location, a "003" Monitoring Point, a "Quarterly" Measurement Frequency, and a "Discret" Sampling Type.

ADDED - pH, minimum, with a "Daily Minimum" Base, a "6.0 Standard Units (S.U.)" Concentration, a "Effluent Gross" Monitoring Location, a "003" Monitoring Point, a "Quarterly" Measurement Frequency, and a "Discret" Sampling Type.

ADDED - Solids, total suspended, with a "Daily Maximum" Base, a "135 Milligrams per Liter (mg/L)" Concentration, a "Effluent Gross" Monitoring Location, a "003" Monitoring Point, a "Quarterly" Measurement Frequency, and a "Discret" Sampling Type.

ADDED - BOD, 5-day, percent removal, with a "Quarterly Minimum" Base, a " $\geq 85$  Percent (%)" Concentration, an "Effluent Gross" Monitoring Location, a "003" Monitoring Point, a "Quarterly" Measurement Frequency, and a "Calctd" Sample Type.

ADDED - Solids, suspended percent removal, with a "Quarterly Minimum" Base, a " $\geq 85$  Percent (%)" Concentration, an "Effluent Gross" Monitoring Location, a "003" Monitoring Point, a "Quarterly" Measurement Frequency, and a "Calctd" Sample Type.

Along with the footnotes:

1. Quarterly Average Minimum.
2. Both BOD, 5-day and total suspended solids should be sampled concurrently with Outfall 001 to determine exact removal rates achieved.

Under Outfalls 004 and 005 (MW-1 and MW-2), To Be Reported Quarterly, the following parameters were either added or changed along with the footnotes:

ADDED - Water level relative to mean seal level, with a "Daily Maximum" Base, a "M&R Feet (ft)" Quantity, a "Groundwater" Monitoring Location, a "004" or "005" Sample Location, a "Quarterly" Measurement Frequency, and a "Calctd" Sample Type.

CHANGED -The existing parameters (Chloride, Depth, and Nitrogen) from a "Quarterly Maximum" Base to a "Daily Maximum" Base, with the remaining discharge limitations being unchanged from the previous permit.

CHANGED - Depth to water level ft below landsurface, from a "Quarterly Maximum" Base to a "Daily Minimum" Base, with the remaining discharge limitations being unchanged from the previous permit.

Along with the footnotes:

2. If the monitoring well is found to be dry during the reporting period, report as "Dry" or "W" in the DMR database for this outfall.

3. Depth to groundwater.
4. Groundwater elevation above mean sea level (AMSL).

Under Outfall 005, To Be Reported Quarterly, for Monitoring Well (MW-2), the following parameter was changed:

CHANGED - Nitrogen, total, with a "Daily Maximum" Base, with a "10 Milligrams per Liter (mg/L)" Concentration was changed to "M&R Milligrams per Liter (mg/L).

CHANGED - Schedule of Compliance Table O&M Manual Statement to read as follows:

The Permittee shall submit two copies (one hard copy and one electronic copy) of an updated Operations and Maintenance (O&M) Manual for review and approval by the Division. The O&M Manual shall follow the Division's guidance document, WTS-2 Minimum Information Required for an Operation and Maintenance Manual for a Wastewater Treatment Plant, and be prepared and wet stamped by a licensed, qualified Nevada engineer (P.E.).

### **Technology Based Effluent Limitations**

Technology based effluent limitations (TBELs) are required as promulgated by the United States (U.S.) EPA for Publicly Owned Treatment Works (POTWs). The following limits are based on secondary treatment standards as allowed by the Code of Federal Regulation (CFR) Title 40, Section 133, and which has been adopted by the State of Nevada.

U.S. EPA published federal secondary treatment standards at 40 CFR 133 based on an evaluation of performance data for POTWs practicing a combination of physical and biological treatment. Performance is measured by monitoring biodegradable organics and suspended solids in the effluent, and the ability to maintain pH. Federal secondary treatment standards are defined under 40 CFR 133 for maximum BOD5 as a 30-day average of 30 mg/L and a 7-day average of 45 mg/L and for maximum TSS as a 30-day average of 30 mg/L and a 7-day average of 45 mg/L. In addition to describing the minimum levels of effluent quality attainable by secondary treatment, 40 CFR 133.102 states that the 30-day average percent removal of BOD5 and TSS shall not be less than 85%. The Division has adopted these standards for groundwater dischargers, and has applied the same 7-day average thresholds as daily maximum effluent limits for BOD5 and TSS and 30-day average as a quarterly average.

The following performance standards for POTWs with secondary treatment standards have been included in the permit:

BOD5: Quarterly average limit:  $\leq 30$  mg/L; Daily maximum limit:  $\leq 45$  mg/L.

pH: Daily Maximum:  $\leq 9.0$  Standard Units

pH: Daily Minimum  $\geq 6.0$  Standard Units

Federal regulations also allow states to adjust the maximum allowable TSS concentration for waste stabilization ponds, upwards from those specified in the secondary treatment standards, to conform to TSS concentrations achievable with waste stabilization ponds. The approved alternate TSS requirement in the state of Nevada is 90 mg/L as a 30-day average, implemented as an average quarterly limit. Furthermore, the daily maximum TSS limit was calculated using a factor of 1.5 times the average quarterly limitation ( $90 \text{ mg/L} \times 1.5 = 135 \text{ mg/L}$ ). Thus, the following TSS limit is applicable:

TSS: The daily maximum threshold is limited to 135 mg/L. The quarterly average threshold is limited to 90 mg/L.

The following performance standards for POTWs with secondary treatment standards have also been included in the permit:

BOD5 percent removal standard, based on quarterly average, must meet a minimum limit is 85%.

TSS percent removal standard, based on a quarterly average, must meet minimum limit is 85%.

Limits Based on Facility's Design Criteria Review:

Permitted quarterly average flow rate for influent is limited to  $\leq 0.034$  Mgal/d.

### **Water Quality Based Effluent Limitations**

Water quality based effluent limits are not applicable to this permit.

### **Proposed Water Quality Based Effluent Limits (monthly/weekly/daily)**

Water quality based effluent limits are not applicable to this permit.

### **Basis for Effluent Limitations**

There are currently no specific water quality standards that have been formally adopted by the State for groundwater. However, the Division has the discretion to implement effluent limitations outside water quality standards per Nevada Administrative Code (NAC) 445A.243, which states, "In establishing an effluent limitation to carry out the policy of this State set forth in NRS 445A.305, consideration must be given to, but is not limited by the following: ... (2) the need for standards that specify by chemical, physical, biological or other characteristics the extent to which pollution by various substances will not be tolerated."

Influent and Effluent Monitoring Requirements:

Quarterly influent and effluent monitoring for BOD5 and TSS are included to assess the treatment performance of the Carver RV/MH Park's OSDS. A quarterly sampling frequency for BOD5 and TSS is sufficient for determining compliance with the applicable effluent limitations. Percent removal requirements for BOD5 and TSS are established in the permit as quarterly average minimums of 85%, based on secondary treatment standards.

Some wastewater treatment processes can increase or decrease wastewater pH; therefore, quarterly monitoring for pH is included in assessing compliance with effluent limits of 6.0 S.U. as a daily minimum and 9.0 S.U. as a daily maximum.

### **Anti-backsliding**

None of the proposed permit limits were changed to a less restrictive limit as compared to those in the previous permit.

### **Antidegradation**

The Division has developed an antidegradation regulation that is applied on a statewide basis, and which meets the statutory requirements of Nevada's water pollution control law found at Nevada Revised Statute (NRS) 445A.520 and NRS 445A.565 and is consistent with the federal antidegradation policy found at Title 40 in the Code of Federal Regulations (CFR) § 131.12. The objective of the Division's antidegradation regulation is to prevent degradation of Nevada's surface waters and maintain the unique attributes and special characteristics and water quality associated with high-quality waters.

As this permit is for discharges to groundwater of the State, and not surface water, the new antidegradation rule is not applicable. There are currently no specific water quality standards that have been formally adopted by the State for groundwater; however, data reviewed during the renewal process does not indicate the potential for degradation of the groundwater from the treated water discharged within the compliance limits of the proposed permit.

### **Special Conditions**

There are no special approvals or conditions applicable to the proposed permit.

---

## SA – Special Approvals / Conditions Table

There are no Special Approval / Condition items

**Discharges From Future Outfalls/ Planned Facility Changes**

There are no planned future outfalls or facility changes applicable to this permit.

**Corrective Action Sites**

There are no active Bureau of Corrective Actions sites within a one-mile radius of this facility.

**Wellhead Protection Program**

There are Public Water Supply (PWS) wells located approximately 710 to 2,120 feet away from the outfalls, that have a depth of approximately 180 to 206 feet, with a sanitary seal at 0 to 50 feet, and a screen from 60 to 200 feet. The outfall is located in the Drinking Water Protection Area of the wells, which is defined by a 3,000-foot radius around a PWS well, and the Wellhead Protection Area (WHPA), which represents an approximate 10-year capture zone of a well. The recent chemical history of the well state that the well has been having exceedances of arsenic. Based on the unconfined aquifer, well structure and chemical history, the well is at risk of contamination.

**Schedule of Compliance:**

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit two copies (one hard copy and one electronic copy) of an updated Operations and Maintenance (O&M) Manual for review and approval by the Division. The O&M Manual shall follow the Division's guidance document, WTS-2 Minimum Information Required for an Operation and Maintenance Manual for a Wastewater Treatment Plant, and be prepared and wet stamped by a licensed Nevada engineer (P.E.) or qualified specialist.	7/1/2026

**Deliverable Schedule:**

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	7/28/2026
2	Annual Report	Annually	1/28/2027

**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 mailed to interested persons on our mailing list and will be posted on our website at <https://ndep.nv.gov/posts>. Anyone wishing to comment on the proposed permit can do so in writing until 5:00 P.M. **4/20/2026**, 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 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.

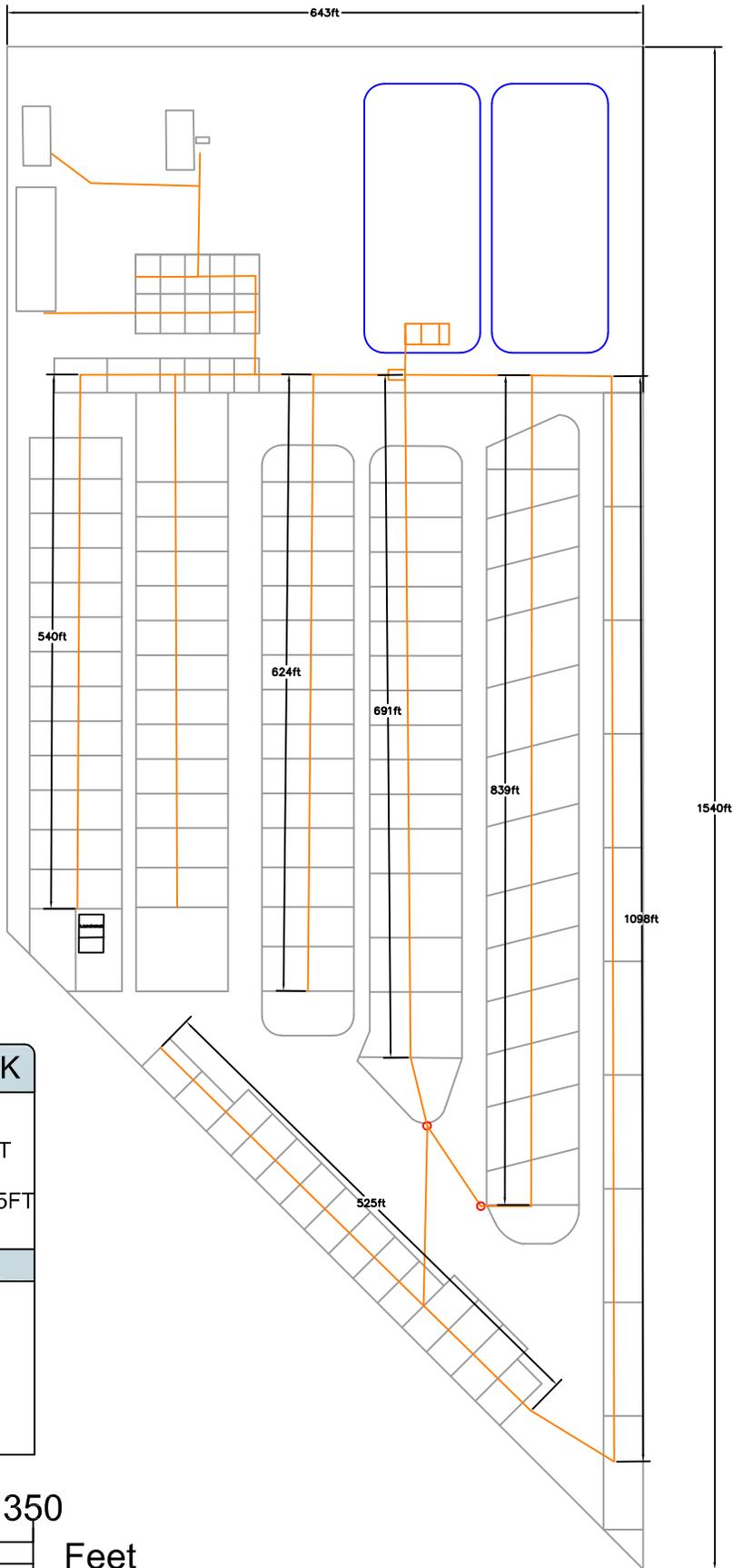
**Proposed Determination:**

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

Prepared by: **Melissa Hanson**

Date: **3/12/2026**

Title: **Staff II Engineer**



**CARVERS\_RV\_PARK**

SEPTIC\_SYSTEM\_LAYOUT

TOTAL\_PIPE\_LENGTH\_6,595FT

**LEGEND**

-  MANHOLE\_COVER
-  SEPTIC\_LINE
-  LOT\_BOUNDARY
-  SEWER\_POND

