NEVADA DIVISION OF
ENVIRONMENTAL
PROTECTION

A division of the
Nevada Department of Conservation & Natural Resources

STATE OF NEVADA
Joe Lombardo, *Governor*
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FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: LITHIUM NEVADA LLC

5310 KIETZKE LN
RENO, NV 89511

Permit Number: NS2026505

Permit Type: GROUNDWATER DISCHARGE

Designation: GROUNDWATER

New/Existing: NEW

Location: THACKER PASS, HUMBOLDT
23045 KINGS RIVER RD, OROVADA, NV 89425
LATITUDE: 41.700313, LONGITUDE: -118.031511
TOWNSHIP: 44N, RANGE: 35E, SECTION: 11

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Latitude	Longitude	Receiving Water
LF4	SEPTIC TANKS & LEACH FIELD 4 (5,000, 5,000, & 4,000 GAL)	External Outfall	4	41.6973	-118.0324	GROUNDWATER
LF5	SEPTIC TANKS & LEACH FIELD 5 (4,000, 4,000, & 5,000 GAL)	External Outfall	5	41.6976	-118.0276	GROUNDWATER
MW1	MONITORING WELL 1 UPGRADIENT	Monitoring Well		41.6978	-118.0337	GROUNDWATER
MW2	MONITORING WELL 2 DOWNGRADIENT	Monitoring Well		41.6965	-118.0326	GROUNDWATER
MW3	MONITORING WELL 3 DOWNGRADIENT	Monitoring Well		41.6967	-118.0317	GROUNDWATER
MW4	MONITORING WELL 4 UPGRADIENT	Monitoring Well		41.6977	-118.0284	GROUNDWATER
MW5	MONITORING WELL 5 DOWNGRADIENT	Monitoring Well		41.6972	-118.0275	GROUNDWATER
MW6	MONITORING WELL 6 DOWNGRADIENT	Monitoring Well		41.6973	-118.0267	GROUNDWATER

Permit History/Description of Proposed Action

Lithium Nevada, LLC has applied for approval of a conventional commercial Onsite Sewage Disposal System (OSDS) to serve the Thacker Pass Lithium Processing Facility located north of Winnemucca, Nevada. The proposed action consists of the installation and operation of two new subsurface wastewater disposal systems (Leachfield #4 and Leachfield #5) designed to receive and dispose of domestic wastewater generated by facility personnel and support operations. Domestic wastewater generated from administrative offices, warehouse buildings, laboratory facilities, and employee shower facilities will undergo primary treatment in septic tanks prior to discharge to the respective leachfields. The proposed systems have been designed in accordance with applicable Nevada regulations and engineering standards and include adequate reserve capacity to accommodate projected wastewater flows.

Facility Overview

The Thacker Pass Lithium Processing Facility is a large industrial processing complex that includes lithium processing operations, administrative offices, warehouses, laboratory facilities, and employee support buildings. Domestic sewage generated throughout the facility is managed separately from industrial process wastewater and is treated through a commercial OSDS. Wastewater from each building is conveyed to individual septic tanks for primary treatment before being discharged through gravity collection systems to subsurface leachfields for final disposal.

The proposed OSDS consists of six septic tanks and two leachfields. Leachfield #4 receives wastewater from three septic tanks with a combined treatment capacity of 14,000-gallons, consisting of two 5,000-gallons tanks and one 4,000-gallons tank. Leachfield #5 receives wastewater from three septic tanks with a combined treatment capacity of 13,000-gallons, consisting of two 4,000-gallons tanks and one 5,000-gallons tank. Groundwater and soil investigations conducted at the site indicate suitable subsurface conditions, including adequate soil percolation rates and no observed groundwater within the proposed absorption depth.

As part of the permit requirements, the Permittee shall submit two (2) copies (one hard copy and one electronic copy) of an Operations and Maintenance (O&M) Manual for review and approval by the Nevada Division of Environmental Protection (the Division). The O&M Manual shall follow the Division's guidance document, WTS2 - Minimum Information Required for an Operation and Maintenance Manual, and shall be prepared and wet-stamped by a licensed, qualified Nevada Professional Engineer (P.E.) within 90 days from the date of issuance of this permit.

Outfall Summary

The facility utilizes two subsurface disposal outfalls consisting of engineered leachfield systems designed to infiltrate primary-treated domestic wastewater into the native soils.

Outfall LF4 (Leachfield #4):
* Receives wastewater from three septic tanks with a combined capacity of 14,000-gallons.
* Designed average daily flow: 8,320-gallons per day (GPD).
* Consists of 492 infiltration chambers installed within 41 trenches.
* Serves designated administrative, warehouse, laboratory, and support facilities connected through the associated gravity collection system.

Outfall LF5 (Leachfield #5):
* Receives wastewater from three septic tanks with a combined capacity of 13,000-gallons.
* Designed average daily flow: 7,080 GPD.
* Consists of 432 infiltration chambers installed within 31 trenches.
* Serves designated administrative, warehouse, laboratory, and support facilities connected through the associated gravity collection system.

The combined design flow for the OSDS is 15,400 GPD. Treated domestic wastewater will be disposed of through subsurface infiltration, with no surface discharge proposed.

Groundwater monitoring will be conducted through six monitoring wells installed within the vicinity of the disposal system. Monitoring wells MW1 and MW4 are designated as upgradient wells to establish background groundwater quality conditions, while MW2, MW3, MW5, and MW6 are designated as downgradient wells to monitor potential impacts from wastewater disposal activities.

* MW1 - Monitoring Well 1 (Upgradient of Outfall LF4)
* MW2 - Monitoring Well 2 (Downgradient of Outfall LF4)
* MW3 - Monitoring Well 3 (Downgradient of Outfall LF4)
* MW4 - Monitoring Well 4 (Upgradient of Outfall LF5)
* MW5 - Monitoring Well 5 (Downgradient of Outfall LF5)
* MW6 - Monitoring Well 6 (Downgradient of Outfall LF5)

The monitoring well network will be used to evaluate groundwater quality and verify that operation of the OSDS remains protective of waters of the State.

Effluent Characterization
The wastewater treated in the septic tanks originates solely from domestic sources associated with the Thacker Pass lithium processing facility, including administrative offices, warehouse buildings, laboratory areas, shower facilities, and other staff support facilities. Domestic wastewater is conveyed to six septic tanks (one per building) for primary treatment and is subsequently discharged via gravity collection systems to Leachfield #4 and Leachfield #5 for subsurface disposal. No industrial, process, or mine wastewater is discharged to the OSDS.

Only domestic sewage, as defined in Nevada Administrative Code (NAC) 445A.9532, is authorized for discharge to the OSDS. The discharge of toxic, hazardous, industrial, process, or mine wastewater to any permitted OSDS is strictly prohibited.

Pollutants of Concern
"Pollutants of Concern" refers to substances or parameters present in a discharge that may adversely affect the physical, chemical, or biological quality of the receiving water. For a properly designed, operated, and maintained septic tank and leachfield system receiving only domestic sewage, total nitrogen is typically considered the primary pollutant of concern due to its potential to migrate to groundwater.

When the OSDS is functioning as designed, pathogens such as total coliform and *Escherichia coli (E. coli*) are generally not considered pollutants of concern because treatment, soil attenuation, and subsurface disposal provide effective separation between the effluent and potential human or environmental exposure pathways.

Receiving Water
The receiving water is the groundwater of the State of Nevada. Based on site-specific groundwater and soil investigations, no groundwater was encountered within the proposed absorption depth of the leachfields. The proposed disposal areas are underlain by native soils with adequate percolation characteristics suitable for subsurface wastewater disposal.

The site is located within the Thacker Pass Lithium Processing Facility, north of Winnemucca, Nevada, in Humboldt County. The facility is situated within an active industrial mining and mineral processing area and is surrounded by associated mining, processing, and support infrastructure. The proposed leachfields are located within the facility footprint and are intended to receive primary-treated domestic wastewater generated from administrative offices, warehouse buildings, laboratory facilities, and employee support areas. Based on data from nearby wells, groundwater is typically encountered at depths ranging from 41 to 224 feet below ground surface (bgs).

Compliance History
This is a new permit; there is no compliance history by the Bureau of Water Pollution Control, Nevada Division of Environmental Protection (NDEP).

Proposed Effluent Limitations
The Permittee is authorized to discharge in accordance with the limitations, requirements, and conditions of this permit. The Permittee is required to meet the following permit requirements.

Groundwater Monitoring Wells Table for Sample Location Mw1 (Monitoring Well 1 Upgradient) To Be Reported Quarterly

	Discharge Limitations			Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Depth to water level ft below landsurface[1]	Daily Minimum	M&R Feet (ft)		Groundwater	MW1	Quarterly	INSITU
Water level relative to mean sea level[2]	Daily Maximum	M&R Feet (ft)		Groundwater	MW1	Quarterly	CALCTD
pH	Value		M&R Standard Units (SU)	Groundwater	MW1	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW1	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW1	Quarterly	DISCRT
Nitrogen, total	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW1	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW1	Quarterly	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Depth to groundwater (feet).
2. Groundwater elevation (feet AMSL).

Groundwater Monitoring Wells Table for Sample Location Mw2 (Monitoring Well 2 Downgradient) To Be Reported Quarterly

	Discharge Limitations			Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Depth to water level ft below landsurface[1]	Daily Minimum	M&R Feet (ft)		Groundwater	MW2	Quarterly	INSITU
Water level relative to mean sea level[2]	Daily Maximum	M&R Feet (ft)		Groundwater	MW2	Quarterly	CALCTD
pH	Value		M&R Standard Units (SU)	Groundwater	MW2	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW2	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		<= 1000 Milligrams per Liter (mg/L)	Groundwater	MW2	Quarterly	DISCRT
Nitrogen, total	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Groundwater	MW2	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW2	Quarterly	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Depth to groundwater (feet).
2. Groundwater elevation (feet AMSL).

Groundwater Monitoring Wells Table for Sample Location Mw3 (Monitoring Well 3 Downgradient) To Be Reported Quarterly

	Discharge Limitations			Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Depth to water level ft below landsurface[1]	Daily Minimum	M&R Feet (ft)		Groundwater	MW3	Quarterly	INSITU
Water level relative to mean sea level[2]	Daily Maximum	M&R Feet (ft)		Groundwater	MW3	Quarterly	CALCTD
pH	Value		M&R Standard Units (SU)	Groundwater	MW3	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW3	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		<= 1000 Milligrams per Liter (mg/L)	Groundwater	MW3	Quarterly	DISCRT
Nitrogen, total	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Groundwater	MW3	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW3	Quarterly	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Depth to groundwater (feet).
2. Groundwater elevation (feet AMSL).

Groundwater Monitoring Wells Table for Sample Location Mw4 (Monitoring Well 4 Upgradient) To Be Reported Quarterly

	Discharge Limitations			Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Depth to water level ft below landsurface[1]	Daily Minimum	M&R Feet (ft)		Groundwater	MW4	Quarterly	INSITU
Water level relative to mean sea level[2]	Daily Maximum	M&R Feet (ft)		Groundwater	MW4	Quarterly	CALCTD
pH	Value		M&R Standard Units (SU)	Groundwater	MW4	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW4	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW4	Quarterly	DISCRT
Nitrogen, total	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW4	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW4	Quarterly	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Depth to groundwater (feet).
2. Groundwater elevation (feet AMSL).

Groundwater Monitoring Wells Table for Sample Location Mw5 (Monitoring Well 5 Downgradient) To Be Reported Quarterly

	Discharge Limitations			Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Depth to water level ft below landsurface[1]	Daily Minimum	M&R Feet (ft)		Groundwater	MW5	Quarterly	INSITU
Water level relative to mean sea level[2]	Daily Maximum	M&R Feet (ft)		Groundwater	MW5	Quarterly	CALCTD
pH	Value		M&R Standard Units (SU)	Groundwater	MW5	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW5	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		<= 1000 Milligrams per Liter (mg/L)	Groundwater	MW5	Quarterly	DISCRT
Nitrogen, total	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Groundwater	MW5	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW5	Quarterly	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Depth to groundwater (feet).
2. Groundwater elevation (feet AMSL).

Groundwater Monitoring Wells Table for Sample Location Mw6 (Monitoring Well 6 Downgradient) To Be Reported Quarterly

	Discharge Limitations			Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Depth to water level ft below landsurface[1]	Daily Minimum	M&R Feet (ft)		Groundwater	MW6	Quarterly	INSITU
Water level relative to mean sea level[2]	Daily Maximum	M&R Feet (ft)		Groundwater	MW6	Quarterly	CALCTD
pH	Value		M&R Standard Units (SU)	Groundwater	MW6	Quarterly	DISCRT
Chloride (as Cl)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW6	Quarterly	DISCRT
Solids, total dissolved	Daily Maximum		<= 1000 Milligrams per Liter (mg/L)	Groundwater	MW6	Quarterly	DISCRT
Nitrogen, total	Daily Maximum		<= 10 Milligrams per Liter (mg/L)	Groundwater	MW6	Quarterly	DISCRT
Nitrogen, nitrate total (as N)	Daily Maximum		M&R Milligrams per Liter (mg/L)	Groundwater	MW6	Quarterly	DISCRT

Notes (Groundwater Monitoring Wells Table):

1. Depth to groundwater (feet).
2. Groundwater elevation (feet AMSL).

NS OTHER - Discharge Limitations Table for Sample Location Lf4 (Septic Tanks & Leach Field 4) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	< 1 Pass=0 Fail=1 (pass/fail)		See Footnote[1]	LF4	Monthly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tanks and leach field was performed, report “0” for “Pass.” If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report “1” for “Fail.” A visual inspection includes opening accessible covers, checking sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and if it reaches 50% of the liquid depth, the tanks must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be conducted routinely to identify any surfacing, damage, or leaks. If surfacing is observed, it must be reported to the NDEP Spill Hotline at 1-888-331-6337.

NS OTHER - Discharge Limitations Table for Sample Location Lf 5 (Septic Tanks & Leach Field 5) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	< 1 Pass=0 Fail=1 (pass/fail)		See Footnote[1]	LF5	Monthly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tanks and leach field was performed, report “0” for “Pass.” If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report “1” for “Fail.” A visual inspection includes opening accessible covers, checking sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and if it reaches 50% of the liquid depth, the tanks must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be conducted routinely to identify any surfacing, damage, or leaks. If surfacing is observed, it must be reported to the NDEP Spill Hotline at 1-888-331-6337.

Summary of Changes From Previous Permit
This is a new permit.

Technology Based Effluent Limitations

This permit applies to an OSDS, and no technology based effluent limitations (TBELs) are applicable. NDEP does not typically impose TBELs on OSDS permits, as these limitations are primarily designed for larger, more complex wastewater treatment systems, particularly those handling industrial discharges or municipal wastewater treatment plants (WWTPs). Septic tanks, as decentralized systems treating domestic sewage, are generally regulated through performance standards, maintenance requirements, and water quality-based limits rather than TBELs.

For OSDS, NDEP focuses on the following:
* Operational and maintenance requirements, including periodic pumping, inspections, and proper disposal of sludge.
* Design standards for septic systems, including tank size, soil percolation rates, and setbacks from water bodies.
* Nutrient or pathogen limits, depending on the environmental sensitivity of the area.
These regulations are enforced under NDEP guidelines, and septic systems typically fall under Onsite Wastewater Treatment System (OWTS) or OSDS regulations rather than the TBEL framework.

Water Quality Based Effluent Limitations
Effluent Limitations are not applicable to this permit.

Basis for Effluent Limitations

Septic Systems:

The Permittee is required to perform routine inspections of the septic tank systems to verify that scum and sludge accumulation does not exceed 50 percent of the liquid depth within the tanks and to ensure that the systems are functioning adequately for the treatment of domestic wastewater generated at the Thacker Pass facility. When scum or sludge levels reach 50 percent of the liquid depth, the Permittee shall pump and remove accumulated solids from the septic tanks in accordance with the O&M manual.

Leachfields:
The Permittee is required to conduct routine visual inspections of Leachfield #4 and Leachfield #5 to ensure that no effluent reaches the ground surface and that the systems are operating as designed. If any

surfacing of effluent or ponding is observed, the Permittee shall implement corrective actions in accordance with the approved O&M manual and investigate system performance.

Monitoring wells:

The Permittee is required to install six groundwater monitoring wells associated with the leachfield systems, including three wells per leachfield (Leachfield #4 and Leachfield #5). For each leachfield, one monitoring well shall be located upgradient and two monitoring wells shall be located downgradient to evaluate potential groundwater impacts from the onsite disposal systems.
Groundwater monitoring wells shall be used to monitor groundwater depth (ft below ground surface), groundwater elevation (ft above mean sea level), pH (standard units), chloride (mg/L), total dissolved solids (TDS, mg/L), total nitrogen (as N, mg/L), and nitrate (as N, mg/L), in accordance with the Groundwater Monitoring Well Table(s). Monitoring shall be conducted on a quarterly basis unless otherwise specified.

Increasing concentrations of total nitrogen (as N) in groundwater samples shall trigger the following response actions:
If total nitrogen reaches 7.0 mg/L, the Permittee shall prepare and submit an alternate method for process wastewater disposal and/or storage for Division review and approval.

If total nitrogen reaches 9.0 mg/L, construction of the approved alternate wastewater storage or disposal system shall commence.
If total nitrogen reaches 10.0 mg/L, discharge to groundwater shall cease unless otherwise authorized in writing by the Division.
All groundwater monitoring shall be conducted in accordance with Permit Condition B.MW.1 through B.MW.7. Discrete groundwater samples shall be collected to confirm protection of groundwater under the permitted discharge conditions. All monitoring wells shall be clearly labeled, properly secured, and constructed to prevent surface contamination. Wells shall be capped and locked to restrict unauthorized access.

Groundwater monitoring data shall be collected under the supervision of a qualified Environmental Manager certified in the State of Nevada or another Division-approved qualified professional.
Well abandonment activities shall be conducted only with prior Division approval and in accordance with requirements of the Division and the Nevada Division of Water Resources.

Anti-backsliding
The antibacksliding provisions are not applicable to this permit because it is a new permit and there is no previous permit containing effluent limitations for comparison. Antibacksliding requirements apply to reissued permits, where effluent limitations must be at least as stringent as those established in the preceding permit.

Antidegradation
The Division has developed an antidegradation regulation that is applied statewide and meets the statutory requirements of Nevada's water pollution control law, as outlined in Nevada Revised Statutes (NRS) 445A.520 and NRS 445A.565. This regulation is consistent with the federal antidegradation policy outlined in Title 40 of the Code of Federal Regulations (CFR) § 131.12. The objective of the Division's antidegradation regulation is to prevent the degradation of Nevada's surface waters and to maintain the unique attributes, special characteristics, and water quality associated with high-quality waters.
Since this permit authorizes potential discharges to groundwater rather than surface water, the antidegradation regulation is not applicable. Currently, there are no specific groundwater quality standards that have been formally adopted by the State.

Special Conditions
See the Special Approvals / Conditions Table below.

SA – Special Approvals / Conditions Table

Item #	Description
1	The Permittee shall conduct regular and routine inspections and maintenance in accordance with the Division approved O&M Manual.
2	In accordance with NAC 445A.9632, the Permittee shall submit an Annual Large Capacity Septic System Evaluation Report for each tank to the Division on or before January 28th of each year. The depth of scum, sludge, and total liquid in all septic tanks shall be measured every year and reported as the annual report. Measurements may be made at any time during the 12-month reporting period. The Annual Large Capacity Septic System Evaluation Report shall be filled out and signed by the Grade 1 Operator overseeing the facility.
3	Septic tanks shall be pumped by a licensed septage hauler whenever the combined depth of scum and sludge equals or exceeds 50% of the total liquid depth, or more frequently as necessary to maintain efficient solids removal. The date, tank number, volume of septage removed, and the name of the septage hauler shall be maintained onsite. of the permit. Sludge disposal shall be in accordance with applicable regulations.
4	Surfacing of any substance from a septic system is strictly prohibited.
5	The rated treatment capacity of each septic tank shall not be exceeded
6	The septic tank treatment and disposal systems shall be used only for the treatment of domestic sewage. Domestic sewage is defined in NAC 445A.9532 as any liquid and waterborne waste derived from ordinary living processes and of a character that permits its satisfactory disposal into a public sewer or an onsite sewage disposal system without special treatment. The term does not include industrial waste. The discharge of toxic, hazardous, industrial, or laboratory waste material to any OSDS is strictly prohibited.

Discharges From Future Outfalls/ Planned Facility Changes
This application covers Phase 1, which consists of six septic systems. Phase 2 is anticipated to include three additional septic systems. Phase 2 will be addressed under a separate application, either as a permit major modification or as part of the permit renewal.

Corrective Action Sites
There are no Bureau of Corrective Actions remediation sites located within one-mile of this facility.

Wellhead Protection Program
The outfalls are not located within a Wellhead Protection Area, which represents an approximate 10-year capture zone of a well, or within a Drinking Water Protection Area, which is defined by a 3,000-foot radius around a Public Water System well.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	All Discharge Monitoring Reports (DMRs) shall be submitted electronically through the Nevada NetDMR website: https://netdmr.ndep.nv.gov/netdmr/public/home.htm.	1/28/2027
2	The Permittee shall submit two (2) copies of an Operations and Maintenance (O&M) Manual for review and approval by the Division. One copy shall be a hard copy, and the second shall be an electronic copy. The O&M Manual shall be prepared and stamped by a Nevada Registered Professional Engineer. O&M Manuals prepared by a Nevada Registered Professional Engineer must be signed and stamped in accordance with NAC 625.610.	1/1/2027

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	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. **9/18/2026,** 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.

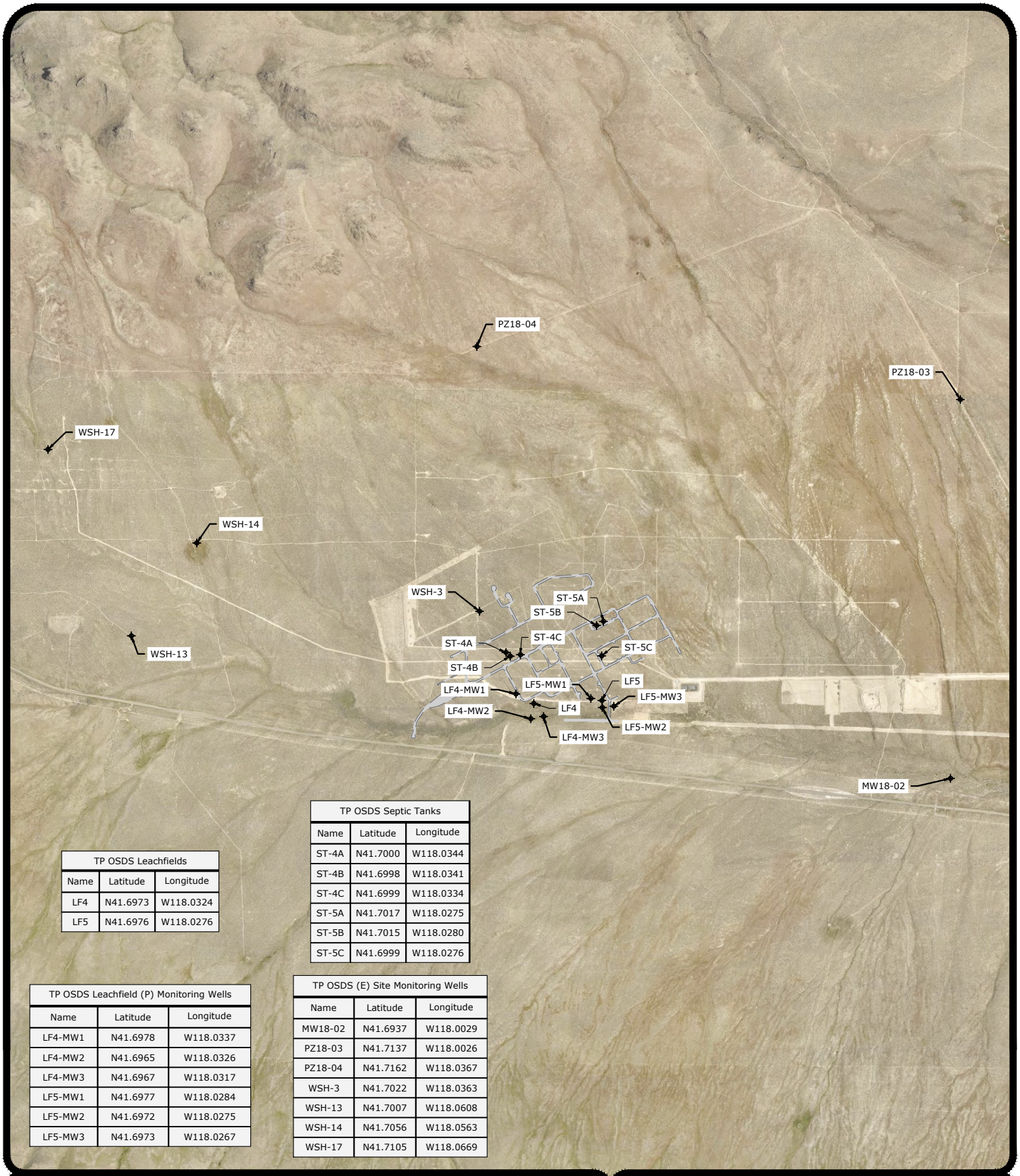
The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

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: **Lior Singer P.E. M.Sc.**
Date: **8/14/2026**
Title: **Environmental Engineer**



TP OSDS Leachfields		
Name	Latitude	Longitude
LF4	N41.6973	W118.0324
LF5	N41.6976	W118.0276

TP OSDS Septic Tanks		
Name	Latitude	Longitude
ST-4A	N41.7000	W118.0344
ST-4B	N41.6998	W118.0341
ST-4C	N41.6999	W118.0334
ST-5A	N41.7017	W118.0275
ST-5B	N41.7015	W118.0280
ST-5C	N41.6999	W118.0276

TP OSDS Leachfield (P) Monitoring Wells		
Name	Latitude	Longitude
LF4-MW1	N41.6978	W118.0337
LF4-MW2	N41.6965	W118.0326
LF4-MW3	N41.6967	W118.0317
LF5-MW1	N41.6977	W118.0284
LF5-MW2	N41.6972	W118.0275
LF5-MW3	N41.6973	W118.0267

TP OSDS (E) Site Monitoring Wells		
Name	Latitude	Longitude
MW18-02	N41.6937	W118.0029
PZ18-03	N41.7137	W118.0026
PZ18-04	N41.7162	W118.0367
WSH-3	N41.7022	W118.0363
WSH-13	N41.7007	W118.0608
WSH-14	N41.7056	W118.0563
WSH-17	N41.7105	W118.0669

THACKER PASS OSDS MONITORING WELL MAP

FIGURE 1

THACKER PASS HUMBOLDT COUNTY NEVADA

SHAW ENGINEERING