FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: PERI & SONS FARMS INC.

430 HWY 339
YERINGTON, NV 89447

Permit Number: NS2014505

Permit Type: GROUNDWATER DISCHARGE

Designation: GROUNDWATER

New/Existing: EXISTING

Location: PERI & SONS FARMS LABOR HOUSING, LYON
8 EAST PURSEL LANE, YERINGTON, NV 89447
LATITUDE: 38.941195, LONGITUDE: -119.140249
TOWNSHIP: T13N, RANGE: R25E, SECTION: S36

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Latitude	Longitude	Receiving Water
001	TANK #1 (1,500 GAL)	External Outfall		38.942686	-119.140661	GROUNDWATER
002	TANK #2 (1,500 GAL)	External Outfall		38.942014	-119.141075	GROUNDWATER
003	TANK #3 (1,500 GAL)	External Outfall		38.942014	-119.140969	GROUNDWATER
004	TANK #4 (1,500 GAL)	External Outfall		38.942017	-119.140647	GROUNDWATER
005	TANK #5 (1,500 GAL)	External Outfall		38.942022	-119.140542	GROUNDWATER
006	TANK #6 (2,000 GAL)	External Outfall		38.941497	-119.141253	GROUNDWATER
007	TANK #7 (2,000 GAL)	External Outfall		38.941550	-119.141028	GROUNDWATER
008	TANK #8 (2,000 GAL)	External Outfall		38.941550	-119.140839	GROUNDWATER
009	TANK #9 (2,000 GAL)	External Outfall		38.941547	-119.140592	GROUNDWATER
010	TANK #10 (1,500 GAL)	External Outfall		38.942478	-119.141356	GROUNDWATER
011	TANK #11 (1,500 GAL)	External Outfall		38.942408	-119.141114	GROUNDWATER
012	TANK #12 (2,000 GAL)	External Outfall		38.9429	-119.141758	GROUNDWATER
013	TANK #13 (2,000 GAL)	External Outfall		38.942622	-119.141772	GROUNDWATER
014	TANK #14 (2,000 GAL)	External Outfall		38.942314	-119.141756	GROUNDWATER
015	TANK #15 (2,000 GAL)	External Outfall		38.942086	-119.141742	GROUNDWATER
016	TANK #16 (2,000 GAL)	External Outfall		38.941861	-119.141747	GROUNDWATER
017	TANK #17 (3,000 GAL)	External Outfall		38.940636	-119.141425	GROUNDWATER
018	TANK #18 (3,000 GAL)	External Outfall		38.940522	-119.141411	GROUNDWATER
019	TANK #19 (3,000 GAL)	External Outfall		38.940414	-119.141425	GROUNDWATER
020	TANK #20 (4,000 GAL)	External Outfall		38.939893	-119.138948	GROUNDWATER
021	TANK #21 (4,000 GAL)	External Outfall		38.940249	-119.138970	GROUNDWATER
022	TANK #22 (4,000 GAL)	External Outfall		38.940488	-119.138970	GROUNDWATER
023	TANK #23 (4,000 GAL)	External Outfall		38.940689	-119.138970	GROUNDWATER
024	TANK #24 (5,000 GAL)	External Outfall		38.940910	-119.138970	GROUNDWATER

Permit History/Description of Proposed Action

This is a permit renewal and major modification to add Five (5) new septic tanks, identified as Outfall Numbers 020 through 024. The permit was first issued in 2014, last expired in 2019, and has since been administratively continued.

The Permittee is proposing to continue discharging from their onsite sewage disposal systems (OSDS) at the Peri and Sons Farms Labor Housing Facility located in Yerington, Nevada. The discharge activities were previously authorized under general permit GNEV9201. Due to the total capacity of the onsite septic systems exceeding 15,000 gallons, the Nevada Division of Environmental Protection (Division) required the Permittee to obtain coverage under an individual permit.

Facility Overview

Peri and Sons Farms owns approximately 78 acres of farmland and operates a Labor Housing Facility (LHF) on the eastern portion of the property. The LHF is primarily occupied by seasonal farm workers, with some year-round employees also residing onsite. Domestic sewage generated at the facility is discharged to gravity-fed systems consisting of 24 septic tanks and associated leach fields distributed throughout the property. The total treatment capacity of the septic tanks is 58,500 gallons.

Outfall Summary

OSDS consists of 24 septic tanks with associated leach fields, ranging in size from 1,500 gallons to 5,000 gallons:

Outfall 001 External Outfall Septic System Septic Tank and Leach Field 1 (1,500 gallons of tank capacity)
Outfall 002 External Outfall Septic System Septic Tank and Leach Field 2 (1,500 gallons of tank capacity)
Outfall 003 External Outfall Septic System Septic Tank and Leach Field 3 (1,500 gallons of tank capacity)
Outfall 004 External Outfall Septic System Septic Tank and Leach Field 4 (1,500 gallons of tank capacity)
Outfall 005 External Outfall Septic System Septic Tank and Leach Field 5 (1,500 gallons of tank capacity)
Outfall 006 External Outfall Septic System Septic Tank and Leach Field 6 (2,000 gallons of tank capacity)
Outfall 007 External Outfall Septic System Septic Tank and Leach Field 7 (2,000 gallons of tank capacity)
Outfall 008 External Outfall Septic System Septic Tank and Leach Field 8 (2,000 gallons of tank capacity)
Outfall 009 External Outfall Septic System Septic Tank and Leach Field 9 (2,000 gallons of tank capacity)
Outfall 010 External Outfall Septic System Septic Tank and Leach Field 10 (1,500 gallons of tank capacity)
Outfall 011 External Outfall Septic System Septic Tank and Leach Field 11 (1,500 gallons of tank capacity)
Outfall 012 External Outfall Septic System Septic Tank and Leach Field 12 (2,000 gallons of tank capacity)
Outfall 013 External Outfall Septic System Septic Tank and Leach Field 13 (2,000 gallons of tank capacity)
Outfall 014 External Outfall Septic System Septic Tank and Leach Field 14 (2,000 gallons of tank capacity)
Outfall 015 External Outfall Septic System Septic Tank and Leach Field 15 (2,000 gallons of tank capacity)
Outfall 016 External Outfall Septic System Septic Tank and Leach Field 16 (2,000 gallons of tank capacity)
Outfall 017 External Outfall Septic System Septic Tank and Leach Field 17 (3,000 gallons of tank capacity)
Outfall 018 External Outfall Septic System Septic Tank and Leach Field 18 (3,000 gallons of tank capacity)
Outfall 019 External Outfall Septic System Septic Tank and Leach Field 19 (3,000 gallons of tank capacity)
Outfall 020 External Outfall Septic System Septic Tank and Leach Field 20 (4,000 gallons of tank capacity)
Outfall 021 External Outfall Septic System Septic Tank and Leach Field 21 (4,000 gallons of tank capacity)
Outfall 022 External Outfall Septic System Septic Tank and Leach Field 22 (4,000 gallons of tank capacity)
Outfall 023 External Outfall Septic System Septic Tank and Leach Field 23 (4,000 gallons of tank capacity)
Outfall 024 External Outfall Septic System Septic Tank and Leach Field 24 (5,000 gallons of tank capacity)

Effluent Characterization

This permit pertains to a residential-type wastewater management system at the Peri and Sons Farms LHF in Yerington, Nevada, which provides housing for both year-round employees and seasonal farm workers. The facility also includes shared shower and laundry facilities. Seasonal employees are housed at the LHF from early August through the end of October. During this period, the discharge from the seasonal housing units is comprised primarily of greywater, generated from showers and sinks. To minimize the discharge of

sanitary wastewater, Peri and Sons provides portable toilets for use by seasonal employees.

The portable toilet waste, along with the accumulated septage from the facility's septic tanks, is removed and land applied at the Peri and Sons McMaster Ranch Field #16 (NS2007511). Domestic sewage generated onsite is otherwise directed to the facility's OSDS, which consist of 24 gravity-fed septic tanks and associated leach fields with a combined capacity of 58,500 gallons. The system exclusively treats domestic sewage, as defined under Nevada Administrative Code (NAC) 445A.9532, and does not receive industrial wastewater.

Pollutants of Concern
"Pollutants of concern" refers to any substances or parameters anticipated in the discharge that could affect the physical, chemical, or biological quality of the receiving water. When a septic tank system is properly operated and maintained, the primary pollutant of concern is total nitrogen. Pathogens such as total coliform and Escherichia coli *(E. coli*) are not considered pollutants of concern under proper operation and maintenance, due to the separation provided between the effluent and the environment or human contact.

Receiving Water
The receiving water is the groundwater of the State of Nevada. Depth to groundwater varies depending on the underlying geologic unit. In basin-fill areas, it is typically encountered at depths ranging from 27 to 30 feet below ground surface (bgs), based on nearby well data The site is located in the southern portion of Mason Valley and is surrounded by agricultural activity, which has impacted shallow groundwater aquifers through the use of fertilizer and manure.

Compliance History
The Nevada Division of Environmental Protection (NDEP) previously inspected the property in 2019, providing only a few minor comments for improvement. The labor camp was found to be very clean and well-maintained. No malfunctioning septic systems were noted. Due to the combined septic system capacity exceeding 10,000 gallons, a minimum Grade I certified wastewater operator is required to be the signatory on this permit's discharge monitoring report (DMR) submission. NDEP informed the Permittee of the options for meeting this requirement, including hiring a contract operator or using an in-house operator. According to the Permittee, two of its permanent employees are trained and equipped to operate the septage pumper trucks.

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.

NS OTHER - Discharge Limitations Table for Sample Location 001 (Tank #1 (1,500 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	001	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 002 (Tank #2 (1,500 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	002	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 003 (Tank #3 (1,500 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	003	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 004 (Tank #4 (1,500 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	004	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 005 (Tank #5 (1,500 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	005	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 006 (Tank #6 (2,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	006	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 007 (Tank #7 (2,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	007	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 008 (Tank #8 (2,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	008	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 009 (Tank #9 (2,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	009	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 010 (Tank #10 (1,500 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	010	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 011 (Tank #11 (1,500 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	011	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 012 (Tank #12 (2,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	012	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 013 (Tank #13 (2,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	013	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 014 (Tank #14 (2,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	014	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 015 (Tank #15 (2,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	015	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 016 (Tank #16 (2,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	016	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 017 (Tank #17 (3,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	017	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 018 (Tank #18 (3,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		Secondary/Biological Process Complete[1]	018	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 019 (Tank #19 (3,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	019	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 020 (Tank #20 (4,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	020	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 021 (Tank #21 (4,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote	021	Annual	VISUAL

NS OTHER - Discharge Limitations Table for Sample Location 022 (Tank #22 (4,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	022	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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 023 (Tank #23 (4,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote	023	Annual	VISUAL

NS OTHER - Discharge Limitations Table for Sample Location 024 (Tank #24 (5,000 Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Outfall observation,visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	024	Annual	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. For the Onsite Sewage Disposal System (OSDS), if the visual inspection of the septic tank and leach field was performed, report "0" as "Pass." If the visual inspection was not conducted, or if any surfacing, damage, or leaks were observed, report "1" as "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 tank must be pumped. At a minimum, the tank should be pumped once every three years.

   A visual inspection of the leach field should be done 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

Summary of Changes from Previous Permit:

* Added outfall numbers 020 - 024.

* Added a separate table for each outfall.

* Updated the Statement of Compliance (SOC) to reflect the new Operations & Maintenance (O&M) plan.

* Updated the SOC to include use of NetDMR.

*"Combined Influent Flows" outfall was removed.

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

There are no water quality based effluent limitations associate with this permit.

Rationale for Permit Requirements
NAC 445A.9632 requires the submittal of an annual report to the Division.

NAC 445A.286 and 445A.289 requires a Grade I Wastewater Operator to oversee OSDS systems greater than 10,000 gallons in capacity.

Basis for Effluent Limitations

Septic Systems:
The Permittee is required to perform visual inspections of the septic systems to verify whether the scum and sludge have exceeded 50% of the liquid depth in the septic tank and to ensure the septic systems are functioning adequately to treat domestic sewage. Once the scum or sludge reaches 50%, the Permittee is required to pump the septic tank.

Leach Fields

The Permittee is required to perform visual inspections of the leach field systems to ensure that effluent does not reach the surface. If surface water appears, the Permittee shall follow the procedures outlined in the O&M manual.

Anti-backsliding
To prevent backsliding, effluent limitations in reissued permits must be at least as stringent as those in the previous permit. This permit is not subject to backsliding because no limits were removed.

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 pertains to potential discharges to groundwater, rather than surface water, the new antidegradation rule is not applicable. Currently, there are no specific water quality standards that have been formally adopted by the State for groundwater.

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 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 I Operator overseeing the facility.
3	Septic tanks shall be pumped by a licensed septage hauler whenever the combined depth of scum and sludge euals 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

Item #	Description
	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 permitted wastewater treatment plant (WWTP) is strictly prohibited.

Discharges From Future Outfalls/ Planned Facility Changes
The Permittee does not intend to discharge from any future outfalls.

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 PWS 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.	4/28/2026

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Annual DMRs	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. **11/17/2025,** 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: **Lior Singer P.E. M.Sc.**
Date: **10/13/2025**
Title: **Environmental Engineer**