NEVADA DIVISION OF
ENVIRONMENTAL
PROTECTION

A division of the
Nevada Department of Conservation & Natural Resources

STATE OF NEVADA
Joe Lombardo, *Governor*
Vinson Guthreau, *Director*
Jennifer L. Carr, *Administrator*

901 S. Stewart Street, Suite 4001
Carson City, Nevada 89701
p: 775-687-4670 f: 775-687-5856
ndep.nv.gov

FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: H3 CONSTRUCTION

441 LANDMARK LANE., UNIT 3
SPRING CREEK, NV 89815

Permit Number: NS2027502

Permit Type: GROUNDWATER DISCHARGE

Designation: GROUNDWATER

New/Existing: NEW

Location: H3 CONSTRUCTION, ELKO
1194 SILVER STATE DR, SPRING CREEK, NV 89815
LATITUDE: 40.74433310, LONGITUDE: -115.624773
TOWNSHIP: T33N, RANGE: R56E, SECTION: S14N

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Latitude	Longitude	Receiving Water
CS1	COLLECTION SYSTEM 1194 SILVER STATE DRIVE, SPRING CREEK	Internal Outfall		40.744167	-115.625278	GROUNDWATER
LF1	LEACH FIELD & SEPTIC TANK, 1193 SILVER STATE DRIVE, SPRING CREEK	External Outfall		40.743056	-115.625556	GROUNDWATER

Permit History/Description of Proposed Action

This is a new individual permit. Previously, the facility was covered under a general permit. H3 Construction LLC has applied for approval to modify the existing conventional commercial Onsite Sewage Disposal System (OSDS) at 1193 Silver State Drive, Spring Creek, Nevada, to serve the existing office/shop/warehouse and a proposed fabrication facility at 1194 Silver State Drive. The system is a cluster system, as defined in NAC 445A.952, and therefore requires an individual permit pursuant to NAC 445A.9544.

The existing OSDS was permitted under general permit No. GNEVOSDS09-S-0640 and consists of a 1,000-gallon septic tank, distribution box, and leach field with two trenches containing 15 ARC-36 chambers each.

Facility Overview

The facility consists of an existing office/shop/warehouse at 1193 Silver State Drive and a fabrication facility at 1194 Silver State Drive, Spring Creek, Nevada. The fabrication facility will have one restroom and up to three employees onsite. Sanitary wastewater from the fabrication facility will be conveyed to the existing OSDS at 1193 Silver State Drive.

The combined design flow for the existing and proposed facilities is 210 gallons per day. The existing OSDS includes a 1,000-gallon septic tank, distribution box, and leach field providing approximately 598.40 square feet of absorption area. No additional leach chambers are proposed.

The 1194 Silver State Drive property is entirely within the setback of Municipal Water Well No. 14 operated by Great Basin Water. The proposed configuration will therefore utilize the existing OSDS rather than a separate disposal system at 1194 Silver State Drive.

The leach field should consist of two lines, each containing 15 ARC-36 chambers, for a total of 30 chambers.

Outfall Summary
The facility utilizes subsurface disposal through an engineered leach field system designed to infiltrate primary-treated domestic wastewater into the native soils. The system consists of two leach trenches with a total of 30 ARC-36 chambers.

Effluent Characterization
The wastewater discharged to the OSDS will consist solely of domestic sewage generated by the existing office/shop/warehouse at 1193 Silver State Drive and the fabrication facility at 1194 Silver State Drive. Wastewater from the fabrication facility will be conveyed to the existing 1,000-gallon septic tank for primary treatment prior to subsurface disposal through the existing leach field.

No industrial, process, or other non-domestic wastewater is authorized for discharge to the OSDS. Only domestic sewage, as defined in NAC 445A.9532, may be discharged to the system. The discharge of toxic, hazardous, industrial, process, or other non-domestic wastewater to the permitted OSDS is prohibited.

Pollutants of Concern
For a properly designed, operated, and maintained septic tank and leach field system receiving only domestic sewage, total nitrogen is the primary pollutant of concern due to its potential to migrate through the subsurface and impact groundwater.

The OSDS provides primary treatment through the septic tank followed by subsurface disposal and treatment within the native soil. When the system is functioning as designed, pathogens and other constituents associated with domestic sewage are expected to be reduced through septic tank treatment, soil attenuation, and subsurface disposal. No industrial or process wastewater is authorized for discharge to the OSDS.

Receiving Water
The receiving water for the permitted subsurface discharge is the groundwater of the State of Nevada. The system discharges primary-treated domestic wastewater through the existing leach field into the native subsurface soils.

Site investigations identified silty sand with gravel (SM) at the site. No groundwater was encountered in the test pits excavated to approximately 9 feet below ground surface (bgs), and no evidence of historical groundwater elevations was observed. The site is relatively flat and outside the 100-year floodplain. Based on the available site investigation information, the subsurface conditions are suitable for the proposed subsurface disposal system.

Compliance History
This is a new individual permit. No compliance history has been documented for the proposed facility. The permittee is in compliance with Permit No. GNEVOSDS09-S-0640.

Proposed Effluent Limitations
The Permittee is authorized to discharge in accordance with the limitations, requirements, and conditions of

this permit. The Permittee shall comply with the following permit requirements:

NS OTHER - Discharge Limitations Table for Sample Location Ls1 (Collection System 1194 Silver State Drive, Spring Creek) To Be Reported Quarterly

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]	LS1	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. Report "0" as "Pass" if the visual inspection of the collection system was performed. Report "1" as "Fail" if the visual inspection was not performed or if any damage, leaks, or other deficiencies were observed.

   A visual inspection of the collection system shall be conducted routinely to check for damage, leaks, proper operation, and other deficiencies. The inspection shall include accessible piping, cleanouts, manholes, connections, and associated components. Any leaks, sewage overflows, blockages, or other deficiencies shall be promptly addressed. If sewage surfacing or an overflow is observed, report it to the NDEP Spill Hotline at 1-888-331-6337.

NS OTHER - Discharge Limitations Table for Sample Location Lf1 (Leach Field & Septic Tank, 1193 Silver State Drive, Spring Creek) To Be Reported Quarterly

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]	LF1	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

1. Report "0" as "Pass" if the required visual inspection of the OSDS was performed. Report "1" as "Fail" if the Level 1 visual inspection was not performed or if any surfacing, damage, or leaks were observed.

   Visual inspections shall include inspection of the leach field area for surfacing, damage, or leaks and inspection of the septic tank by opening accessible covers, monitoring sludge and scum levels, and inspecting the tank and associated equipment. The sludge/solids depth shall be measured annually. If the sludge/solids depth reaches 50% of the liquid depth, the septic tank shall be pumped. At a minimum, the septic tank shall be pumped once every three years.

   If surfacing is observed, report it to the NDEP Spill Hotline at 1-888-331-6337.

Summary of Changes From Previous Permit
This is a new individual permit. A summary of changes from a previous permit is not applicable.

Technology Based Effluent Limitations
This permit applies to an OSDS receiving domestic sewage. No technology-based effluent limitations (TBELs) are applicable to this permit. The OSDS is regulated through applicable design, construction, operation, and maintenance requirements established under NDEP regulations and the OSDS Design Manual.

The permit establishes requirements for proper operation and maintenance of the septic tank and subsurface disposal system to ensure that the system functions as designed. These requirements include septic tank pumping, inspection and maintenance, proper management of septage, and protection of the disposal system from unauthorized discharges.

The Permittee is authorized to discharge only domestic sewage to the OSDS. Industrial, process, hazardous, toxic, or other unauthorized wastewater shall not be discharged to the system.

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

Basis for Effluent Limitations
Septic Tank
The Permittee is required to routinely inspect the septic tank to verify that the system is operating properly and that accumulated scum and sludge do not exceed 50 percent of the liquid depth. When the combined scum and sludge accumulation reaches 50 percent of the liquid depth, the septic tank shall be pumped by a licensed septage hauler. Routine pumping shall also be performed as necessary to maintain proper system operation.

Leach Field
The Permittee is required to routinely inspect the existing leach field to verify that the system is functioning as designed. The Permittee shall monitor for evidence of effluent surfacing, ponding, or other conditions indicating inadequate subsurface disposal. If such conditions are observed, the Permittee shall take appropriate corrective action to restore proper system operation.

The above requirements are necessary to ensure adequate treatment and subsurface disposal of domestic sewage and to prevent unauthorized discharge to the ground surface or groundwater.

Anti-backsliding
The antibacksliding provisions are not applicable to this permit because this is a new individual permit and there is no previous individual permit containing effluent limitations for comparison.

Antidegradation
The Division has 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 septic tank treatment and disposal system shall be used only for the treatment and disposal 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 materials to any permitted onsite sewage disposal system is strictly prohibited.
2	Septic tank(s) shall be pumped by a licensed septage hauler whenever the combined depth of scum and sludge equals or exceeds 50 percent of the total liquid depth, or more frequently as necessary to maintain efficient solids removal. Septic tank(s) shall be pumped at least once every three years for maintenance purposes. The date of pumping, tank number, volume of septage removed, and name of the septage hauler shall be maintained onsite in accordance with Part A.2.8 of this permit. Septage disposal shall be conducted in accordance with all applicable regulations.
3	In accordance with NAC 445A.9632, the Permittee shall submit an Annual Large Capacity Septic System Evaluation Report to the Division. The report shall be submitted with the fourth-quarter Discharge Monitoring Report (DMR).

Discharges From Future Outfalls/ Planned Facility Changes
No future outfalls or planned facility changes are proposed under this permit.

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

Wellhead Protection Program
There is a Public Water Supply (PWS) well located approximately 730 feet north of the outfall that has a depth of approximately 160 with a sanitary seal at 60 feet and a screen from 140 to 160 feet. The outfall is located in the Drinking Water Protection Area of the well, which is defined by a 3,000-foot radius around a PWS well. The outfall is not located in a Wellhead Protection Area (WHPA), which represents an approximate 10-year capture zone of a well. The wells are at minimal risk based on the confined aquifer and direction and the well structures.

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.	4/28/2027
2	The Permittee shall submit two (2) copies of a revised Operations and Maintenance (O&M) Manual for review and approval by the Division. One copy shall be submitted as a hard copy, and the second copy shall be submitted electronically. The O&M Manual shall be prepared, signed, and stamped by a Nevada Registered Professional Engineer. The O&M Manual shall be signed and stamped in accordance with NAC 625.610.	4/1/2027

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	4/28/2027
2	Annual Large Capacity Septic System Evaluation Report	Annually	1/1/2028

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. **12/10/2026,** 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: **Lior Singer P.E. M.Sc.**
Date: **11/6/2026**
Title: **Environmental Engineer**