NEVADA DIVISION OF ENVIRONMENTAL PROTECTION
Underground Injection Control

FACT SHEET

(pursuant to NAC 445A.874)

Permittee Name:	Tahoe Douglas Visitors Authority (Douglas County)
Project Name:	Tahoe Blue Event Center – Permanent Dewatering
Permit Type:	Underground Injection Control Individual Permit
Injection Well Type:	UIC Class V Injection Well (infiltration field)
Injection Fluid:	Dewatered groundwater
Address:	55 Highway 50, Stateline, Douglas County, Nevada 89449
Legal Description	
***PLSS (T/R/S*):**	SE¼ NW¼ Sec. 27; T13E, R18N (MDB&E)
Lat, Long:	38° 57' 45" N, 119° 56' 19" W (WGS 84)
Permit:	UNEV2024204
Proposed Action:	Issuance of new Underground Injection Control permit
Associated Permits:	TNS-47798, TNS-49926

Discharge Characteristics

The discharge is groundwater collected from a retaining wall and basement dewatering system, diverted into two sumps and a pump vault, and discharged into an infiltration basin (UIC Class V injection well) ~409 feet west of the pump vault.

Groundwater samples were collected from upgradient monitoring well MW-1 on May 5, 2021 and analyzed for Nevada Profile I parameters. All parameters met Nevada Maximum Contaminant Levels (MCLs). Groundwater samples were collected from Sump 2 on July 13, 2021 and analyzed for Nevada Profile I parameters. All parameters met MCLs. Groundwater samples were collected from Sump 4 during dewatering operations on January 28, 2022 and were analyzed for UIC Sample Lists 1, 2, and 3. All parameters met MCL's for all inorganic parameters and were below detection for all organic parameters. Groundwater samples were collected from downgradient monitoring well MW-2 on August 15, 2023, and analyzed for total petroleum hydrocarbons (TPH) in the diesel and gasoline ranges in addition to volatile organic compounds (VOCs). All parameters were below detection.

Synopsis

08/10/2025: UIC permit UNEV2024204 issued, effective from 08/10/2025 – 08/10/2030.

1/26/22: Temporary groundwater discharge permit TNS-49926 issued effective from MM/DD/2025 – MM/DD/202#.

The dewatering/collection system consists of perforated piping below the basement slab as well as adjacent to retaining walls and to the exterior side of the building-perimeter footings. Water collected in the subsurface piping is gravity-drained into two basement sumps (Sump #1 and Sump #2) and a pump vault containing float-activated sump pumps with 100-gallon per minute (gpm) capacity. The sump pumps transfer the water to the infiltration field after passing through a flow meter. Monitoring equipment includes an in-line totalizing flow meter on the influent side of the infiltration basin with a sampling port situated on the influent side of the flow meter.

The primary disposal site, a 6,300-square foot infiltration field, was constructed with a closed-loop 18" diameter perforated pipe system. The booster pumps were designed to deliver the dewatering system effluent to a distribution box with negligible residual pressure. The water infiltrates through 2.5' of emplaced drain rock and the underlying native coarse sands and gravels.

6/23/20: Temporary groundwater discharge permit TNS-47798 issued, effective from MM/DD/202# - MM/DD/202#.

Receiving Water
Shallow groundwater in the area was sampled in 2021, 2022, and 2023, and met all federal and state primary and secondary Drinking Water Standards with concentrations below detection for all VOC's. [address inorganic constituent concentrations]. In August 2024, the local depth-to-groundwater around the dewatering system (MW-1), at 6,291 ft above mean sea level (AMSL) NAVD88, was approximately 7 feet (ft) below ground surface (bgs), and the local depth-to-groundwater around the infiltration basin (MW-2), at 6,276 ft AMSL NAVD88, was approximately 12 ft bgs. Groundwater flow on the project site was mapped in 2018, showing northwesterly flow toward Lake Tahoe.

There are no drinking water or irrigation wells within a one mile radius of the site.

Discharge Rates:
Since 2020: Typically variable between 2 gpm and 10 gpm.

Permitted Limit: <100 gpm.

Procedures for Public Comment
Pursuant to NAC 445A.890.5 through NAC 445A.877, public notice of Underground Injection Control permit applications and proposed drafts is being posted on the NDEP website, and mailed to any interested persons on our mailing list, to (1) solicit written comments or objections to determinations of the Director regarding the application or permit and (2) provide the opportunity for a public hearing, if the Director determines that there is a significant level of interest from the applicant, any affected state, any affected interstate agency, the regional administrator, or any interested agency, person, or group of persons. A hearing request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted. Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determines to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238 and the final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Any person wishing to submit comments or request a hearing must do so by email/mail, which must be sent/postmarked or hand delivered within thirty (30) days to:

Department of Conservation & Natural Resources
Nevada Division of Environmental Protection
Bureau of Water Pollution Control | Permits Branch
Attn: Underground Injection Control Permit Writer
901 S. Stewart Street, Suite 4001
Carson City, NV 89701

Proposed Determination
The Division has made the tentative determination to issue the proposed permit for a 5-year period.

Rationale for Permit Requirements
Monitoring is required to ensure that the discharge satisfies the Maximum Contaminant Levels for drinking water.

Proposed Effluent Limitations, Schedule of Compliance, and Special Conditions
The schedule of compliance is located in Part I.B.1 through Part I.B.3 of the permit. No special conditions have been set forth in the permit. Prior to discharge to the infiltration field, the effluent will be

monitored according to the following schedule and effluent limitations presented below:

Monitoring Requirements

Monitoring Parameters	Sampling Location/List	Discharge Limitations	Monitoring Requirements	
			Frequency	Sample Type
Flow (gal, gpm)	Flowmeter (Sheets DW1.1 and DW1.2)	100 gpm (30-day average)	Continuous (rec. monthly[1])	Meter
Volatile Organic Compounds[2]	Sample Port Flowmeter (Sheets DW1.1 and DW1.2), EPA Method 8260 (Extended)	Drinking Water Standards	Quarterly	Discrete
Total Petroleum Hydrocarbons[2]	Sample Port Flowmeter (Sheets DW1.1 and DW1.2)	Monitor & Report	Quarterly	Discrete
Water Table Depth (ft/in)	Leach Field Inspection Risers 1-5 (Sheet DW1.1)	Monitor & Report	Monthly	Discrete

Notes:

1. Totalizing flow meters on dewatering system piping.
2. See attached sample analyte lists in the permit.

Updated by Andrew Kowler on April 21, 2025