

NOTICE OF PROPOSED ACTION

The Administrator, Division of Environmental Protection, Department of Conservation and Natural Resources, Carson City, Nevada is issuing the following Notice of Action on December 24, 2024 under the authority of the Nevada Revised Statutes, the Nevada Administrative Code (NAC), and the Safe Drinking Water Act and applicable federal code.

The Administrator has received an application for an Underground Injection Control (UIC) Program temporary permit for injection testing of inactive production well 45A-33 for the Soda Lake Geothermal Project from January 8, 2025 to April 7, 2025, with the possibility of an extension. Based on review and approval of the application, UIC temporary permit UNEV2024206T was issued on December 20, 2024, to the applicant, Amor IX LLC, a subsidiary of Cyrq Energy Inc. (15 W. South Temple, Suite 1900, Salt Lake City, UT 84101-1573). Power plants and wells associated with the Soda Lake Geothermal Facility (5500 Soda Lake Road | Fallon, NV 89406) are owned by the applicant; well 45A-33 is located on private property.

The permit grants authorization to continue re-injecting spent geothermal fluid from the Soda Lake 3 power plant (26.5 MW Nameplate capacity) into the same geothermal reservoir through well 45A-33 in the injection zone from 3,452 to 4,468 feet (ft) below ground surface (bgs). Results of injection testing will be used to determine whether the well type will be converted to injection, and the well added to UIC area permit UNEV89037 for the Soda Lake Geothermal Project - located within portions of Sections 21, 22, 27, 28, 29, 32, 33, and 34 within T20N, R28E, and portions of Sections 3 and 4 within T19N, R28E, MDB&M, Churchill County. UNEV2024206T authorizes injection of up to 1,500 gallons per minute (gpm)—up to 194,000,000 gallons during the permitted period—into well 45A-33 at wellhead pressures up to 1,278 psig, not to exceed the 10,000 gpm limit on the total combined injection rate for all wells simultaneously permitted for injection under UNEV2024206T and UNEV89037. Should the applicant decide to add well 45A-33 as a permanent injection well to UNEV89037, submission of a complete application for a major modification of the permit by January 8, 2024 will result in extended coverage under temporary permit UNEV2024206T through the date of modification and reissuance of UNEV89037. Chemical analyses indicate that the injection fluid is similar in quality to the receiving water; monitoring of discharged fluids will ensure that the injectate does not degrade the quality of the receiving water.

Pursuant to NAC 445A.890.7, this notice is being provided to (1) solicit written comments or objections to determinations of the Administrator regarding the application or permit issuance and (2) provide the opportunity for a public hearing. Any person wishing to submit comments or request a hearing must do so by email/mail sent/postmarked or hand-delivered within thirty (30) days, on or before February 5, 2025 at 5:00 P.M. Submissions should be sent to Andrew Kowler at akowler@ndep.nv.gov and/or the following address:

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

All comments or objections received within thirty (30) days of public notice will be considered in any final determinations regarding the permit. The Administrator shall notice a public hearing not less than thirty days prior to the scheduled hearing date.

The application, comments received, and other information on file may be copied at the office of the Division of Environmental Protection, or copies may be requested at the above email/physical address or calling (775) 687-9418.

Please bring this public notice to the attention of all persons whom you know that might be interested in this matter.

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