

**TEMPORARY**

**No. 66070-T**

**APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED**

Date of filing in State Engineer's Office FEB 14 2000

Returned to applicant for correction \_\_\_\_\_

Corrected application filed \_\_\_\_\_

Map filed MAY 13 1992 under 57373

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The applicant **U. S. Department of Energy, Yucca Mountain Site Characterization Project**, hereby makes application for permission to change the **point of diversion and place of use of a portion** of water heretofore appropriated under **Permit 57373**

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1. The source of water is **underground**
2. The amount of water to be changed **0.3342 cfs (30.7 af)**
3. The water to be used for **industrial/pump test**
4. The water heretofore permitted for **industrial**
5. The water is to be diverted at the following point **SE $\frac{1}{4}$  SW $\frac{1}{4}$ , Sec. 3, T.15S., R.49E., (unsurveyed), MDB&M; Northing 699112 (feet) Easting 564092 (feet) Nevada State Plane Coordinate System (NAD-27).**
6. The existing permitted point of diversion is located within **SW $\frac{1}{4}$  NE $\frac{1}{4}$ , Sec. 6, T.14S., R.50E., MDB&M or at a point from which the SW corner of said Sec. 6, bears S 51° 08' 04" W a distance of 4332.31 feet.**
7. Proposed place of use **SE $\frac{1}{4}$  SW $\frac{1}{4}$ , Sec. 3, T.15S., R.49E., (unsurveyed), MDB&M**
8. Existing place of use **see Attachment "A"**
9. Use will be from **January 1 to December 31** of each year.
10. Use was permitted from **January 1 to December 31** of each year.
11. Description of proposed works **A drilled well equipped with a motor, pump, pipeline and standpipe. A well depth of 1,500 feet is anticipated.**
12. Estimated cost of works **\$1 million to mobilize, drill and conduct testing.**
13. Estimated time required to construct works **Four months**
14. Estimated time required to complete the application of water to beneficial use **One year**
15. Remarks: **see Attachment "B"**

By **s/Scott A. Wade**  
**U.S. Department of Energy, P.O. Box 30307**  
**North Las Vegas, NV 89036-0307**

Compared my/ gk1

Protested \_\_\_\_\_

WITHDRAWN BY APPLICANT

**MAY 26 2000**

*KJG*

**STATE ENGINEER**

66070-T

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## ATTACHMENT "A"

All T. 12 S., R. 48 E.; All T. 12 S., R. 49 E., Sections 14 through 23 and 26 through 35, T. 12 S., R. 50 E.; All T. 13 S., R. 48 E.; All T. 13 S., R. 49 E.; Sections 7 through 9, 16 through 21 and 28 through 33, T. 13 S., R. 50 E.; Sections 1 through 3, 10 through 15, 22 through 27 and Section 36, T. 14 S., R. 48 E.; Sections 1 through 12, 15 through 22 and 27 through 34, T. 14 S., R. 49 E.; Sections 4 through 9, T. 14 S., R. 50 E.; Section 1, T. 15 S., R. 48 E.; Sections 3 through 6, T. 15 S., R. 49 E., all within M.D.B. & M. (unsurveyed)

## ATTACHMENT "B"

This Temporary Application is being filed in order to temporarily use water appropriated under Permit 57373 (Well J-12) for hydraulic pumping and push/pull tracer testing at borehole NC-EWDP-19D. The pump and tracer testing would be performed by the Yucca Mountain Site Characterization Project (YMP) as part of Alluvial Testing Activities, in coordination with the Nye County Early Warning Drilling Program. The pump and tracer testing will be approximately four months in duration and is expected to be completed within one year.

Under Permit 57373, the YMP has appropriated 430.19 acre-feet (af). The total consumptive duty of this application will not exceed 30.7 af (10,000,000 gallons). The water will be released into 40-Mile Wash through a pipeline and distribution tank. The YMP is separately requesting permission from the State of Nevada, Division of Environmental Protection, Bureau of Water Pollution Control for tracer usage and discharge under YMP's Underground Injection Control Permit UNEV89031.

All terms and conditions applicable to Permit 57373 will also be observed on this Permit.

For the Proposed Place of Use, refer to the attached map. For the Existing Point of Diversion and Existing Place of Use, refer to the map filed under Permit 57373.

