



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
<http://www.epa.gov/region8>

MAR 17 2015

Ref: 8P-W-UIC

Paul Schneider
Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, CO 80202

RE: CLASS V UIC PROGRAM

Rule Authorization: Aquifer Remediation Well
HSR Chaknova 14-5 Production Facility
Southwest Quarter of the Southwest Quarter of
Section 5, Township 3 North, Range 66 West
Keenesburg, CO
EPA File #CO50000 - 10867

Dear Paul Schneider:

The U.S. Environmental Protection Agency (EPA) Region 8 Underground Injection Control (UIC) Program staff has reviewed the application that was submitted by you or on your behalf for the Class V aquifer remediation injection well(s) at the above referenced location. Based on our understanding of the proposed program and limited potential for groundwater contamination, we have determined that a permit is not necessary at this time. Therefore, your aquifer remediation injection well(s) is currently "authorized by rule" in accordance with Title 40 Code of Federal Regulations (40 CFR) Sections 144.24 and 144.84(a). This authorization is based on information provided in your application and is valid for:

injections of ambient air into an air sparging/soil vapor extraction system, composed of approximately 20 wells, in the manner described in your application,

and is limited to the location(s) indicated in the application that we received on February 19, 2015.



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All injection wells are regulated under the UIC Program in accordance with 40 CFR Parts 144 and 146, which have been promulgated under Part C of the Safe Drinking Water Act, 42 United States Code Sections 1421 through 1428. Your Class V injection well(s) is subject to periodic compliance inspections, which may include sampling and analysis of your fluids. Finally, be aware that under 40 CFR Sections 144.12(c), (d), and (e), the EPA can require you to apply for a permit or close your injection well(s) under certain circumstances.

Please notify us if the potential for groundwater contamination increases. If you intend to change the proposed plan, please notify us in advance. Any changes in operating methods or any other conditions that may adversely impact groundwater MUST be approved in advance by the EPA. Failure to comply with the above requirements will result in violations of UIC regulations and possible enforcement actions and penalties.

Please be advised that this rule authorization pertains solely to the UIC Program and does NOT relieve you from satisfying any other federal, state or local regulations that may apply.

Please contact Howard Urband at 1-800-227-8917, extension 312-6135 or (303) 312-6135, if you have any questions or need more information. More information on the EPA Region 8 Class V program can also be found online at: <http://www2.epa.gov/region8/region-8-class-v-program>.

Sincerely,



Douglas Minter
Chief, UIC Unit
Office of Partnerships and Regulatory Assistance

cc: Mr. Justin Solomon
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, Colorado 80003

Mr. Robert Chesson
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, Colorado 80203



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