



COLORADO
Division of Water Resources
Department of Natural Resources

John W. Hickenlooper
Governor

Robert Randall
Executive Director

Kevin G. Rein, P.E.
Director/State Engineer

DATE: December 13, 2017
TO: Michael A. Cunningham, Environmental Protection Specialist
CC: Division 1 Office, District 7 Water Commissioner
FROM: Ioana Comaniciu, P.E.
RE: Leyden Pit, Permit No. M-1983-139-AM1
Operator: Pioneer Sand Company, Inc.
Contact: James Sullivan-City of Arvada - 720-898-7760
Section 34, Twp 2 South, Rng 70 West, 6th P.M., Jefferson County

RECEIVED

DEC 13 2017

**DIVISION OF RECLAMATION
MINING AND SAFETY**

CONDITIONS FOR APPROVAL

The purpose of this amendment is to change the post-mining land use from 320 acres of affected land to be reclaimed into grazing/ranchland to 20 acres of commercial/industrial land use and 300 acres of grazing/ranchland. There are currently 1.5 acres of exposed ground water at the site which are being proposed to be backfilled. The 1.5 acres were exposed after 1980.

The proposed backfilling of the site will continue to consume ground water through evaporation until such time as the entire site has been backfilled. Note that Section 37-90-137 (11), C.R.S., requires that any gravel pit that exposed ground water to the atmosphere after December 31, 1981 to replace all out of priority depletions of water to the local stream, including evaporation. Therefore, until such time as the site has been completely backfilled the operator will need to obtain a well permit for the site. However a well permit will not be issued until a substitute water supply plan is approved by the State Engineer. In addition, after reclamation replacements of lagged depletions shall continue until there is no longer an effect on stream flow.

The applicant may contact the State Engineer's Office with any questions.

