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NRD Project Web Page and Document Repository

The NRD Trustee supports a Web page on the NRD Project, available at:

www.deq.utah.gov/businesses/kennecott/nrd/index.htm

An online document repository is available at:

www.deq.utah.gov/businesses/kennecott/nrd/documents.htm

In the repository, NRD Project documents are maintained for public review.

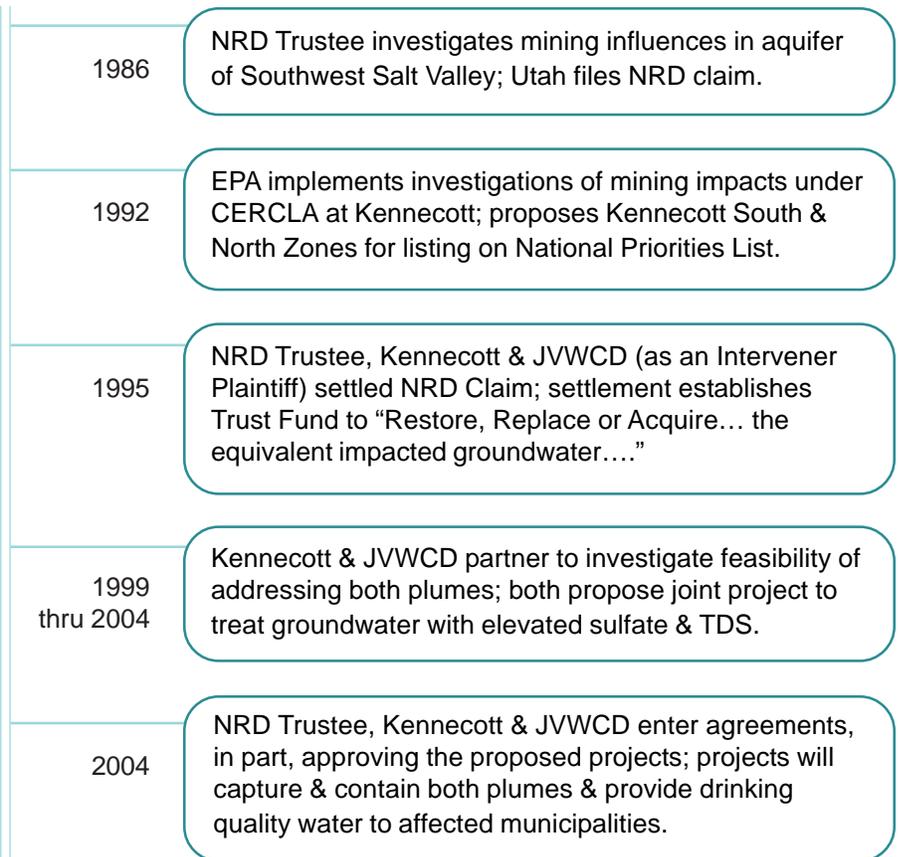
Project Update

Natural Resource Damage (NRD)

Project Summary Report 2013

Historic mining practices in the Oquirrh Mountains in southwest Salt Lake County led to the introduction of mining influenced water into the principle aquifer. Two groundwater plumes (Zone A and Zone B) contain elevated concentrations of sulfate and total dissolved solids (TDS) above the State of Utah drinking water standards. Also, the core of the Zone A plume contains metals above the State of Utah drinking water standards and the water has a low pH. Following is a timeline of major events of the natural resource damage claim process regarding the impacted aquifer.

NRD Timeline



Recent Actions

Since 2004 Kennecott and JWCD have implemented their response actions as required under the 2004 Three-Party Agreement (as amended in 2009) in a collaborative approach with oversight by the NRD Trustee. Permitting and construction oversight has been provided by the UDEQ Divisions of Drinking Water, Water Quality, and Environmental Response and Remediation.

JVWCD

- From 2004 thru 2012 JWCD initiated the design, engineering, and construction and start-up testing of the Southwest Groundwater Treatment Plant.
- In December 2004 JWCD notified affected municipalities (West Jordan, South Jordan, Herriman, Riverton) of the availability of drinking quality water from Kennecott's Bingham Canyon Water Treatment Plant (Zone A Water, 3500 acre-feet per year).
- Since March 2007 JWCD has provided Zone A treated water to West Jordan, South Jordan, and Herriman respectively under water purchasing contracts.
- Beginning in 2008, JWCD notified West Jordan, South Jordan, Herriman, and Riverton of the availability of Zone B and Lost Use Water.
- In 2012 (February–March, December) the Division of Drinking Water issued permits for JWCD's Southwest Groundwater Treatment Plant (Zone B).
- In April 2012 the NRD Trustee notified JWCD that the Zone B treatment system of the Southwest Groundwater Treatment Plant was complete.
- In April 2013 South Jordan and Herriman Cities agreed to purchase portions of the Zone B and (in the case of South Jordan City) all of the Lost Use treated water.

Future Oversight

As Kennecott and the JWCD continue to implement their response actions pursuant to the project agreements (as amended) the NRD Trustee and UDEQ continue to provide oversight of said actions.

- Kennecott has another 33 years under its agreement obligations.
- JWCD has another 37 years under its agreement obligations.

Kennecott

- In May 2006 the Division of Drinking Water issued the operating permits for Kennecott's Bingham Canyon Water Treatment Plant (Zone A).
- In July 2006 the NRD Trustee notified Kennecott that the Bingham Canyon Water Treatment Plant was complete.
- In September 2011 the NRD Trustee notified Kennecott they were in compliance with the 3500 acre-foot per year (on a five year rolling average) treated water production metric (see graph). Since 2011, Kennecott has maintained compliance.
- In August 2012 the NRD Trustee notified Kennecott it maintained compliance with the Zone A core extraction rate. Kennecott has maintained compliance since 1997.

