

**FIVE-YEAR REVIEW REPORT**  
**KENNECOTT NORTH ZONE SUPERFUND SITE**

**APPENDIX C: PRESS NOTICE AND COMMUNITY INTERVIEWS**



## **FIVE YEAR REVIEW FOR PORTIONS OF KENNECOTT NORTH ZONE SUPERFUND SITE**



The Utah Department of Environmental Quality (UDEQ)—in cooperation with the U.S. Environmental Protection Agency (EPA)—is conducting a Five Year Review of the remedial actions performed at the Kennecott Site. The review is comprised of the Kennecott North Zone and two Operable Units (OU) from the Kennecott South Zone. The North Zone includes industrial areas and portions of Great Salt Lake shoreline located at the northern end of the Oquirrh Mountains. The South Zone includes industrial areas north and south of Copperton and in a canyon located above the community of Pine Canyon, Tooele County.

The Five-Year Review is required because contamination remains in place at portions of the Site above levels that allow for unrestricted use and unlimited exposure and includes the following Operable Units (OU):

- OU8 - Waste Water Treatment Plant and Sludge Ponds
- OU9 - Magna Soils
- OU13 - Smelter and Acid Plants
- OU14 - Refinery
- OU15 - Mills and Tailings Ponds
- OU19 - Smelter Fallout
- OU20 - Pine Canyon
- OU22 - Great Salt Lake and Associated Wetlands
- OU23 - North End Groundwater
- OU24 - Precipitation Plant, Railroads, Concentrator

The Five-Year Review will be completed during 2013 and includes community interviews, a review of site documents and a site inspection to evaluate all remedy components. More information regarding Kennecott is available online at: <http://www.epa.gov/region8/superfund/ut/kennecottnorth/index.html>

If you would like more information about the review or like to participate in an interview please contact:

**Douglas Bacon**  
UDEQ Project Manager  
Phone: (801) 536-4282  
Email: [dbacon@utah.gov](mailto:dbacon@utah.gov)

**Dave Allison**  
UDEQ Community Involvement  
Phone: (801) 536-4479  
Email: [dallison@utah.gov](mailto:dallison@utah.gov)

**Kennecott North Zone Superfund Site  
Five-Year Review  
Interview of Local Agencies**

Site Name: Kennecott North Zone EPA ID: UTD070926811	Date: 1/28/2013
Type of Contact: Visit	Contact Made By: Dave Allison, UDEQ Community Involvement
Person Contacted	
Name: Dave Shearer, Harbor Master	Organization: Great Salt Lake Marina, State Parks and Recreation Division of the Department of Natural Resources
Address: Great Salt Lake State Marina P.O. Box 16658 Salt Lake City, UT 84116	Telephone Number: ( 801) 250-1898 Email Address: <a href="http://stateparks.utah.gov/parks/salt-lake">http://stateparks.utah.gov/parks/salt-lake</a>

1. **Is your organization/department aware of the Kennecott North Zone Superfund site and the actions underway to address historical environmental contamination?** Dave Shearer is the Harbormaster for the Great Salt Lake Marina and has managed the State Park for 15 years over seeing 320 boat slips and eight docks as well as the adjacent beaches. The Great Salt Lake Marina (Marina) is located 16 miles west of Salt Lake City off Exit 104 on Interstate 80 and a half-mile west across the highway from the Kennecott Smelter operations. The park area includes the Great Salt Lake, nearby Antelope Island State Park, and the shoreline below Black Rock, all used for recreational purposes..
2. **Was your organization/department involved with any of the past public outreach activities associated with remedy actions at the Kennecott North Zone Superfund site? If yes, was such helpful for your organizations understanding of the remedy actions?** Shearer said his office has not directly been involved with any Kennecott or EPA outreach activities lately. Shearer said his office would participate in any outreach efforts if notified. There were outreach activities his office participated in over the last few years regarding a discharge permit approval for the Jordan Valley Water Conservancy District into the Great Salt Lake and a State Lands study looking at tracking potential pollutants from Lee Creek (the study used tracer dyes to understand distribution pathways for potential pollutants). Neither of these two activities is directly related to ongoing CERCLA response actions at the Kennecott North Zone.
3. **What's your overall impression (your general sentiment) of the remedy actions performed at the Kennecott North Zone Superfund Site?** Shearer said he does not have a lot of knowledge concerning ongoing Kennecott operations. There have been no recent issues regarding the Marina and Kennecott, Shearer said, and he feels any remedy currently implemented is working at this time. There have been issues in the past (1990s) with smelter emissions causing acid rain corrosion to the boats in the Marina. Shearer is aware that Kennecott has done some work to address smelter emissions and reduce its corrosive properties. He is also aware of Kennecott's permitted discharge of waste waters into the Great Salt Lake. Shearer said any signs of impact would be very noticeable within and around the Marina due to its proximity to Kennecott and the ecology in and around the Great Salt Lake waters. There is also an UDEQ air monitoring station just a few yards from his office at the Marina.
4. **Does your office conduct routine communications and/or activities (site visits, inspections, reporting activities, participation in meetings, etc.) associated with the remedy actions performed at the Kennecott North Zone Superfund Site? If so, please briefly summarize the purpose and results of these communications and/or activities over the past several years.** There hasn't been any Kennecott North

Zone interactive communications as of late. Shearer says his office doesn't conduct any formal activities outside of the day-to-day tasks associated with maintaining Marina. It's a year round operating office with brine fishing season running through the winter to spring months and recreational users throughout the summer and fall.

- 5. Are you aware of any community concerns regarding the remedy actions performed at Kennecott North Zone Superfund Site? If so, please give details.** Shearer said there is serious health concerns yet nothing he could relate to remedy implications not functioning protectively at Kennecott. The community has a love/hate regard for Kennecott based on past damages and are passionate and protective of the Great Salt Lake. Kennecott is not going away and there will always be concerns from the community about any potential impact on the Marina, Great Salt Lake, and Great Salt Lake ecology whether it is direct pollution or visitation impact due to perceived pollution. Shearer said the same concerns from the community pertain to other industries on the Great Salt Lake, such as Great Salt Lake Minerals, Morton Salt, and US Magnesium and the wish that the Great Salt Lake was not a dumping ground.
- 6. Over the past five years, have there been any complaints, violations, or other incidents (e.g., vandalism, trespassing, or emergency responses) your office may be aware of or responded to, at the Kennecott North Zone Superfund Site? If so, please give details of the events and results of the response.** Shearer could not recall any complaints or incidents related to the Kennecott North Zone operations. A cholera or botulism outbreak on the open waters of the Great Salt Lake impacts the grebe bird population every 3-5 years and people wonder if Kennecott is to blame for the bird deaths. The outbreaks are not related to any pollution, but more the migratory nature of the bird population from Shearer's perspective.
- 7. Do you feel well informed about the site's activities and progress over the last five years? Do you know how to contact the Environmental Protection Agency or UDEQ if you have questions or concerns about the Kennecott North Zone Superfund Site?** Shearer doesn't feel he has a lot of knowledge of current CERCLA response actions at Kennecott. Shearer said he has an established contact at Kennecott, Ann Neville, Senior Advisor -Biological Resources, he could call if issues develop in the Marina area. Shearer said he knows the Agencies to contact although no specific person to contact at UDEQ or the EPA.
- 8. Over the past five years, have there been any changes in your department's policies or regulations that might impact how the remedial actions at the Kennecott North Zone Superfund Site are implemented? If so, please describe the changes and the impacts.** Shearer said no policy changes have occurred with his department related to any Kennecott remedial activities.
- 9. Over the past five years, have there been any changes in land use surrounding the Kennecott North Zone Superfund Site? Are you aware of potential future changes in land use? If so, please describe.** Shearer is not aware of any future land use changes or issues. The Marina area was flooded during the 1980's and was moved back and raised above the flood levels to its current operating location. No recent actions have occurred.
- 10. Do you have any comments, suggestions, or recommendations regarding the site's management or operation (institutional controls)? If so, what types of future problems do you think (1) could occur; or (2) would concern you and/or your department?** Shearer did not have any recommendations.
- 11. Do you have any additional comments?** Shearer did not have any additional comments, except that he would like to be informed or receive reports from UDEQ, EPA or Kennecott concerning CERCLA response action around the Great Salt Lake.



**Kennecott North Zone Superfund Site  
Five-Year Review  
Interview of Community Members**

Site Name: Kennecott North Zone EPA ID: UTD070926811	Date: 4/1/2013
Type of Contact: Telephone	Contact Made By: Dave Allison, UDEQ Community Involvement and Doug Bacon, UDEQ Project Manager
Person Contacted	
Name: Lynn De Freitas	Organization: FRIENDS of the Great Salt Lake
Address: P.O. Box 2655 Salt Lake City, Utah 84110-2655	Telephone Number: (801) 583-5593 Email Address: ldefreitas@earthlink.net

1. **How long have you lived in the area?** De Freitas has lived in the Salt Lake City area since 1972 and a member of the FRIENDS of the Great Salt Lake (FOGSL) founded in 1994 and became the Executive Director in 1997. The mission of FRIENDS is to preserve and protect the Great Salt Lake Ecosystem and to increase public awareness and appreciation of the lake through education, research, and advocacy. The long-term vision of FRIENDS is to achieve comprehensive watershed-based restoration and protection for the Great Salt Lake Ecosystem.
2. **Are you aware of the Kennecott North Zone Superfund site and the work that was completed to address historical environmental contamination?** As her professional involvement and personal interests have focused on environmental issues in the Salt Lake area for years, De Freitas said she is very knowledgeable about the Kennecott North Zone sites.
3. **Were you involved with any of the past public outreach activities associated with remedy actions at the Kennecott North Zone Superfund site? If yes, was such helpful for you to understand the remedy actions?** De Freitas said FOGSL is involved and has participated in a number of Kennecott North Zone related meetings in the past regarding mine Out Fall #012 discharges into the Great Salt Lake and OU22 wetland cleanup and preservation issues. De Freitas said while participating in a variety of Kennecott meetings over the years, all were educational and very helpful on complex and technical processes, something she feels could always learn more about.
4. **What's your overall impression (your general sentiment) of the work that was completed at the Kennecott North Zone Superfund Site?** Any impression De Freitas has begins with the question of how would Kennecott's cleanup actions and determinations have been conducted without FOGSL and other stakeholders represented. De Freitas said some clean up actions require insight and understanding beyond the regulatory requirements and could Kennecott do more to address over 100 years of mining impacts to the area. De Freitas mentioned Kennecott's unwillingness to participate in a dye test study measuring discharges into the Great Salt Lake recommended by U.S. Geological Survey in 2011. It was a missed opportunity by Kennecott said De Freitas, and doesn't send a good message to the public you're willing to do everything possible to eliminate possible pollution contributions to the Lake.

5. **What would you say are the effects that site operations had on the community surrounding the Kennecott North Zone Superfund Site?** De Freitas said one relevant effect for FOGSL, one of many stakeholders working with Kennecott to establish the first numeric standard for selenium (12.5mg of selenium in bird egg tissue) for discharges into the Great Salt Lake by the State of Utah. De Freitas said the standard took nearly 4 years of development by a Steering Committee and expert Science Panel to address selenium. De Freitas also said the standard will be helpful and should also be re-evaluated in the future as we learn more about the Great Salt Lake and any impacts from Kennecott discharges.
6. **Are you aware of any community concerns regarding the Kennecott North Zone Superfund Site and its administration? If so, please give details.** The ability to bank or exchange wetland credits towards mitigation impacts is a concern for FOGSL De Freitas in Operable Unit 22. Other than environmental issues regarding North Zone sites, De Freitas said health concerns regarding air quality PM 2.5, the TRI (Toxic Release Inventory), and mine expansion are ever present concerns regularly expressed by stakeholders and residents about Kennecott's overall operations.
7. **Over the past five years, have there been any events, incidents, or activities at the Kennecott North Zone Superfund Site that concern you? If so, please provide details.** De Freitas could not recall any incidents regarding the North Zone areas.
8. **Are you aware of any unusual activities at the Kennecott North Zone Superfund Site such as vandalism, trespassing, or emergency responses from local authorities? If so, please give date(s), details, and outcome(s) if known.** De Freitas could not recall any unusual activities regarding the North Zone areas.
9. **Do you feel well informed about the site's cleanup activities and progress over the last five years? Do you know how to contact the Environmental Protection Agency or UDEQ if you have questions or concerns about the Kennecott North Zone Superfund Site?** De Freitas said she regularly calls the Division of Water Quality at UDEQ regarding monitoring reports and can call UDEQ's Doug Bacon in the Division of Environmental Response and Remediation with any Kennecott related questions. De Freitas also participates on a Kennecott Technical Review Committee (TRC) to stay informed on activities.
10. **Do you have any additional comments, suggestions, or recommendations regarding the Kennecott North Zone Superfund Site?** No additional recommendations or suggestions were provided by De Freitas.



**Kennecott North Zone Superfund Site  
Five-Year Review  
Interview of Local Agencies**

Site Name: Kennecott North Zone EPA ID: UTD070926811	Date: 2-21-2013
Type of Contact: Visit	Contact Made By: Dave Allison, UDEQ Community Involvement and Doug Bacon, UDEQ Project Manager
<b>Person Contacted</b>	
Name: Dan Peay, President Laura Jo McDermaid, Vice-President Art Flangas, Treasurer Arlene Pattison, Secretary	Organization: Magna Community Council
Address: Webster Center 8950 W. 2700 S. Magna, UT 84044	Telephone Number: Email Address: <a href="http://www.magnautah.org">http://www.magnautah.org</a>

1. **Is your organization/department aware of the Kennecott North Zone Superfund site and the actions underway to address historical environmental contamination?** Many of the Members of the Community Council have worked at or live nearby Kennecott smelting and refining operations and represent community interests. Magna, Utah is a township of Salt Lake County with a population of approximately 28,000 people. The Magna Community Council is a private organization elected by registered voters and one of two representative councils (the other, Magna Town Council) in unincorporated Salt Lake County.
2. **Was your organization/department involved with any of the past public outreach activities associated with remedy actions at the Kennecott North Zone Superfund site? If yes, was such helpful for your organizations understanding of the remedy actions?** Nothing recent the Council could recall and their organization has been involved over the years as issues or activities have needed to be presented to the company (Kennecott).
3. **What's your overall impression (your general sentiment) of the remedy actions performed at the Kennecott North Zone Superfund Site?** The Council did not have any indication any Kennecott remedy in Magna, the tailings impoundments, was not functioning as intended to be protective of health and the environment.
4. **Does your office conduct routine communications and/or activities (site visits, inspections, reporting activities, participation in meetings, etc.) associated with the remedy actions performed at the Kennecott North Zone Superfund Site? If so, please briefly summarize the purpose and results of these communications and/or activities over the past several years.** No direct Kennecott communications related to North Zone remedy or activities have occurred and would only through their scheduled meetings. The Magna Community Council meets monthly on the third Thursday to address community issues and concerns.
5. **Are you aware of any community concerns regarding the remedy actions performed at Kennecott North Zone Superfund Site? If so, please give details.** No one from the Council had heard any community concerns related to the North Zone Superfund Site and one Council Member was wondering about the status of a tailings pipeline reported spill in the area.

6. **Over the past five years, have there been any complaints, violations, or other incidents (e.g., vandalism, trespassing, or emergency responses) your office may be aware of or responded to, at the Kennecott North Zone Superfund Site? If so, please give details of the events and results of the response.** The Council did not have any incidences to report regarding the North Zone.
7. **Do you feel well informed about the site's activities and progress over the last five years? Do you know how to contact the Environmental Protection Agency or UDEQ if you have questions or concerns about the Kennecott North Zone Superfund Site?** The Council did not have a contact at EPA or UDEQ and the Council would welcome any information or reports anytime. Most information related to Kennecott or Magna is shared at their monthly meetings.
8. **Over the past five years, have there been any changes in land use surrounding the Kennecott North Zone Superfund Site? Are you aware of potential future changes in land use? If so, please describe.** The Council was unaware of any land use changes and does participate with approval input at County Planning and Zoning hearings.
9. **Do you have any comments, suggestions, or recommendations regarding the site's management or operation (institutional controls)? If so, what types of future problems do you think (1) could occur; or (2) would concern you and/or your department?** The Council did not have any recommendations to suggest.
10. **Do you have any additional comments?** No additional comments.



**Kennecott North Zone Superfund Site  
Five-Year Review  
Interview of Local Agencies**

Site Name: Kennecott North Zone EPA ID: UTD070926811	Date: 4/2/2013
Type of Contact: Visit	Contact Made By: Dave Allison, UDEQ Community Involvement and Doug Bacon, UDEQ Project Manager
Person Contacted	
Name: LaDell Bishop, President	Organization: Magna Town Council
Address P.O. Box 136 Magna, UT 84044	Telephone Number: (801) 688-8485 Email Address: <a href="http://www.magnautah.org">http://www.magnautah.org</a>

1. **How long have you lived in the area?** Bishop is the current President of the Magna Town Council and has served on the Council for eight years. Bishop has lived in Magna since 1979.
  
2. **Are you aware of the Kennecott North Zone Superfund site and the work that was completed to address historical environmental contamination?** Bishop said he is aware of a variety of cleanup activities and with Magna's history and close proximity to Kennecott. The town of Magna basically grew up around the mine as many residents living in Magna have worked at the mine for generations and have a knowledgeable understanding of the area cleanup activities.
  
3. **Were you involved with any of the past public outreach activities associated with remedy actions at the Kennecott North Zone Superfund site? If yes, was such helpful for you to understand the remedy actions?** Bishop said he recalled a couple of newsworthy public meetings within the last two years regarding a Tailings Stability Report and Tailings Expansion concerns. Bishop said discussions were held to inform the community and really, anytime issues are brought before the public it's helpful and forces the people to talk about issues.
  
4. **What's your overall impression (your general sentiment) of the work that was completed at the Kennecott North Zone Superfund Site?** Bishop said the mine is a continuous work in progress operation and have worked well with the Magna community to continually address any environmental impacts over the years. Bishop said his impression is one of Kennecott responding proactively and doing the best they can do to address cleanups with responsibility.
  
5. **What would you say are the effects that site operations had on the community surrounding the Kennecott North Zone Superfund Site?** Bishop said with some, Kennecott provides peace of mind to the Magna Community is a source of employment and funds many of Magna's civic activities. However, Bishop said others are stirred up about the past and feel Kennecott should do more. Overall, the mine operations have had a positive effect on the community.
  
6. **Are you aware of any community concerns regarding the Kennecott North Zone Superfund Site and its administration? If so, please give details.** Any concerns from the community said Bishop, usually

involve land development or mine closure issues. Bishop said the town council has not heard concerns from the community with health and the environment recently, and very few if any over the years.

- 7. Over the past five years, have there been any events, incidents, or activities at the Kennecott North Zone Superfund Site that concern you? If so, please provide details.** Bishop does not have any concerns or recall any Kennecott related incidents the Town Council needed to address.
- 8. Are you aware of any unusual activities at the Kennecott North Zone Superfund Site such as vandalism, trespassing, or emergency responses from local authorities? If so, please give date(s), details, and outcome(s) if known.** No vandalism or incidents related to the North Zone Sites Bishop knew about.
- 9. Do you feel well informed about the site's cleanup activities and progress over the last five years? Do you know how to contact the Environmental Protection Agency or UDEQ if you have questions or concerns about the Kennecott North Zone Superfund Site?** Bishop said he feels as well informed as he could with the Town Council and has a UDEQ contact he would call with any questions.
- 10. Do you have any additional comments, suggestions, or recommendations regarding the Kennecott North Zone Superfund Site?** Bishop did not have any recommendations.



**Kennecott North Zone Superfund Site  
Five-Year Review  
Interview of Community Members**

Site Name: Kennecott North Zone EPA ID: UTD070926811	Date: 1-31-13  Time:
Type of Contact: Visit	Contact Made By: Dave Allison, UDEQ Community Involvement and Doug Bacon, UDEQ Project Manager
Person Contacted	
Name: Steve Norcross	Organization: Property Owner/Resident
Address: 2241 South 8000 West Magna, UT 84044	Telephone Number: (801) 867-0823 Email Address: N/A

1. **How long have you lived in the area?** Steve Norcross has lived at his address for 35 years and across the street from a Kennecott tailings impoundment.
2. **Are you aware of the Kennecott North Zone Superfund site and the work that was completed to address environmental contamination?** Norcross is aware of the Superfund Site however, is not aware of everything that has been done at the overall area.
3. **Were you involved with any of the past public outreach activities associated with remedy actions at the Kennecott North Zone Superfund site? If yes, was such helpful for you to understand the remedy actions?** Norcross was involved with meetings held in Magna in regards to Kennecott wanting to expand the tailings pond. Very helpful information was given.
4. **What's your overall impression (your general sentiment) of the work that was completed at the Kennecott North Zone Superfund Site?** Norcross is skeptical of the actual claimed results by Kennecott over the years.
5. **What would you say are the effects that site operations had on the community surrounding the Kennecott North Zone Superfund Site?** Norcross hopes there are positive effects as far as it being a cleanup area and Kennecott is fixing their messes from previous years.
6. **Are you aware of any community concerns regarding the Kennecott North Zone Superfund Site and its administration? If so, please give details.** There are always lingering concerns of the pollution... whether it be air, water, soil, noise etc. Norcross mentioned concerns with a proposed tailings pond expansion and stability of tailings piles directly across from his home, as well as wind blowing tailings over the years.
7. **Over the past five years, have there been any events, incidents, or activities at the Kennecott North Zone Superfund Site that concern you? If so, please provide details.** Yes, I regularly hunt the shores of the Great Salt Lake and a few years ago found hundreds, if not thousands, of dead Coots (type of aquatic bird) all up and down the beaches. This was in the immediate vicinity of the North Kennecott Zone Superfund Site.

8. **Are you aware of any unusual activities at the Kennecott North Zone Superfund Site such as vandalism, trespassing, or emergency responses from local authorities? If so, please give date(s), details, and outcome(s) if known.** Norcross is not aware of any trespassing or vandalism activities.

Do you feel well informed about the site's cleanup activities and progress over the last five years? Do you know how to contact the Environmental Protection Agency or UDEQ if you have questions or concerns about the Kennecott North Zone Superfund Site? Norcross said he does not feel well informed and actually feels things with Kennecott are kept pretty quiet. Unless of course it has anything to do with them (Kennecott) advertising how great they are in the community and what a terrific environmental Company they are. Norcross does not have any established contacts at the EPA or the UDEQ.

9. **Do you have any additional comments, suggestions, or recommendations regarding the Kennecott North Zone Superfund Site?** Norcross believes the community should be more informed of any activity by Kennecott in their neighborhood. Would like to see Kennecott held to higher standards by the State of Utah. Because of the money that is injected by them into the State, many people feel that Kennecott gets a lot of "free passes."



**Kennecott North Zone Superfund Site  
Five-Year Review  
Interview of Local Agencies**

Site Name: Kennecott North Zone EPA ID: UTD070926811	Date: 2-26-2013
Type of Contact: Telephone	Contact Made By: Dave Allison, UDEQ Community Involvement and Doug Bacon, UDEQ Project Manager
Person Contacted	
Name: Kelly Payne, Environmental Program Manager	Organization: Rio Tinto Kennecott Utah Copper
Address: Kennecott Utah Copper Corporation P.O. Box 6001 Magna, Utah 84044	Telephone Number: 801-569-7128 Email Address: kelly.payne@riotinto.com <a href="http://www.kennecott.com">http://www.kennecott.com</a>

- 1. Is your organization/department aware of the Kennecott North Zone Superfund site and the actions underway to address historical environmental contamination?** Payne is currently the Environmental Manager for Kennecott Utah Operations since 2010 where he has responsibility for groundwater, soil, and wetland restoration programs and was the Remediation Manager prior to his current position beginning in 2004.
- 2. What's your overall impression (your general sentiment) of the remedy actions performed at the Kennecott North Zone Superfund Site? It's been a successful process risk reduction struggle in the wetlands and with groundwater.** Payne said at the North Zone sites the soils work is successful. There are some unknowns and we have the tools and a plan to detect problems before they become a problem. We have annual reporting requirements and our Operations and Maintenance plans are in place to keep remediated areas well managed.

Managing groundwater will always be a challenge and we have frequent, weekly monitoring at discharge points into the Great Salt Lake and regular monthly monitoring of springs in the North Zone. We have removed all of the surface contamination sources and use long term monitoring to evaluate removal treatments of groundwater in the North Zone wetlands.

- 3. Does your office conduct routine communications and/or activities (site visits, inspections, reporting activities, participation in meetings, etc.) associated with the remedy actions performed at the Kennecott North Zone Superfund Site?** As projects and work plans are proposed we take them to the public for comment and to hear any concerns. We also have a variety of reports to regulators, annual reports, monthly, and weekly reports as required with our permits said Payne. Payne said they participate in a North End Technical Review Committee with various stakeholders for input evaluating documents.
- 4. Are you aware of any community concerns regarding the remedy actions performed at Kennecott North Zone Superfund Site? If so, please give details.** Not anything recently for the North Zone areas. As far as the local communities, we have a regular presence at Community and Town Council meetings for Magna and Copperton to address current and future community priorities. Conservation Groups on the Great Salt Lake have always had an open door anytime to discuss concerns and issues.
- 5. Over the past five years, have there been any complaints, violations, or other incidents (e.g., vandalism, trespassing, or emergency responses) your office may be aware of or responded to, at the Kennecott**

**North Zone Superfund Sites? If so, please give details of the events and results of the response.** No incidents or responses in the North Zone sites.

- 6. Do you feel well informed about the site's activities and progress over the last five years? Do you know how to contact the Environmental Protection Agency or UDEQ if you have questions or concerns about the Kennecott North Zone Superfund Site?** We are well informed and have regular communication, even have the UDEQ and EPA on speed dial, and have a great working partnership with the regulators.
- 7. Over the past five years, have there been any changes in your department's policies or regulations that might impact how the remedial actions at the Kennecott North Zone Superfund Site are implemented? If so, please describe the changes and the impacts.** There haven't been any changes in Kennecott's policy or regulations with regard to North Zone cleanup objectives.
- 8. Over the past five years, have there been any changes in land use surrounding the Kennecott North Zone Superfund Site? Are you aware of potential future changes in land use? If so, please describe.** No expansion of the tailings impoundment and the Little Valley development is off the table said Payne. Nothing is planned for the next five years.
- 9. Do you have any comments, suggestions, or recommendations regarding the site's management or operation (institutional controls)? If so, what types of future problems do you think (1) could occur; or (2) would concern you and/or your department?** No recommendations or suggestions were provided by Payne.



**Kennecott North Zone Superfund Site  
Five-Year Review  
Interview of Local Agencies**

Site Name: Kennecott North Zone EPA ID: UTD070926811	Date: 2/6/2013
Type of Contact: Telephone and Email	Contact Made By: Dave Allison, UDEQ Community Involvement and Doug Bacon, UDEQ Project Manager
Person Contacted	
Name: Greg Baptist	Organization: Salt Lake County Planning and Development Services
Address: 2001 S State Street Salt Lake City, Utah 84190	Telephone Number: (385) 468-6681 Email Address: GBaptist@slco.org

1. **Is your organization/department aware of the Kennecott North Zone Superfund site and the actions underway to address historical environmental contamination?** We are aware of potential soil issues with KUCC, however we are not aware of any clean up going on or planned at this time
2. **Was your organization/department involved with any of the past public outreach activities associated with remedy actions at the Kennecott North Zone Superfund site? If yes, was such helpful for your organizations understanding of the remedy actions?** At this time we are unaware and have been notified as part of the outreach program for the planned remedy actions.
3. **What's your overall impression (your general sentiment) of the remedy actions performed at the Kennecott North Zone Superfund Site?** Do not have any as we are not aware of the proposed work taking place.
4. **Does your office conduct routine communications and/or activities (site visits, inspections, reporting activities, participation in meetings, etc.) associated with the remedy actions performed at the Kennecott North Zone Superfund Site? If so, please briefly summarize the purpose and results of these communications and/or activities over the past several years.** Not at this time, we are working with KUCC on different projects within their boundaries for compliance to the Building codes.
5. **Are you aware of any community concerns regarding the remedy actions performed at Kennecott North Zone Superfund Site? If so, please give details.** As we are unaware at this time of the planned Remedy, we have not been able to approach the community to discuss their concerns thru our planning commissions and community councils.
6. **Over the past five years, have there been any complaints, violations, or other incidents (e.g., vandalism, trespassing, or emergency responses) your office may be aware of or responded to, at the Kennecott North Zone Superfund Site? If so, please give details of the events and results of the response.** Not at this time.
7. **Do you feel well informed about the site's activities and progress over the last five years? Do you know how to contact the Environmental Protection Agency or UDEQ if you have questions or concerns about the Kennecott North Zone Superfund Site?** We do not feel well informed on the progress and yes we do know how to contact the EPA and UDEQ.

- 8. Over the past five years, have there been any changes in your department's policies or regulations that might impact how the remedial actions at the Kennecott North Zone Superfund Site are implemented? If so, please describe the changes and the impacts.** Yes, we do charge permit fees on Mass grading projects as well as special inspection and confirmation of the completed clean up.
  
- 9. Over the past five years, have there been any changes in land use surrounding the Kennecott North Zone Superfund Site? Are you aware of potential future changes in land use? If so, please describe.**  
SLVHD is not aware of any changes in land use. Since we do not have a map of the area of the North Super fund site, there may be planned subdivisions and other zoning land use modifications planned thru our planning and Zoning sections. Please feel free to submit a copy of the North Super fund Boundary for us to review. If the Property is located within KUCC property there is no land-use or zoning issues at this time.
  
- 10. Do you have any comments, suggestions, or recommendations regarding the site's management or operation (institutional controls)? If so, what types of future problems do you think (1) could occur; or (2) would concern you and/or your department?** Concerns that the soils in the area are sufficiently cleaned to support safe home construction in the future.
  
- 11. Do you have any additional comments?** We look forward to meeting with UDEQ to discuss this site and others.



**Kennecott North Zone Superfund Site  
Five-Year Review  
Interview of Local Agencies**

Site Name: Kennecott North Zone EPA ID: UTD070926811	Date: 2/20/1013
Type of Contact: Visit	Contact Made By: Dave Allison, UDEQ Community Involvement and Doug Bacon, UDEQ Project Manager
Person Contacted	
Name: Teresa Gray, John Hoggan, Dorothy Adams and Heather Edward	Organization: Salt Lake Valley Health Department – Environmental Health Division
Address: 788 East Woodoak Lane (5380 South) Murray, UT 84107	Telephone Number: (385) 468-3860 Email Address: <a href="http://www.slvhealth.org/programs/environmentalHealth/index.html">http://www.slvhealth.org/programs/environmentalHealth/index.html</a>

1. **Is your organization/department aware of the Kennecott North Zone Superfund site and the actions underway to address historical environmental contamination?** The Salt Lake Valley Health Department (SLVHD) is the local health department for Salt Lake County and monitors all environmental hazards, including Superfund Sites within the County. SLVHD Officials said the Environmental Health Division advises and maintains information on the Kennecott North Zone Areas and will have a role with Institutional Controls for future development permits and other areas where Superfund cleanups have occurred.
2. **Was your organization/department involved with any of the past public outreach activities associated with remedy actions at the Kennecott North Zone Superfund site? If yes, was such helpful for your organizations understanding of the remedy actions?** No specific outreach related to the Kennecott North Zone Operations, however, SLVHD participates in activities and meetings as notified by the environmental regulators. SLVHD Officials said they request any and all information they can provide and coordinate from other agencies is beneficial to building understanding. Salt Lake County is compiling GIS data for an overlay zone as part of the county-wide Institutional Controls process to help delineate cleanup areas in the Kennecott North Zone.
3. **What’s your overall impression (your general sentiment) of the remedy actions performed at the Kennecott North Zone Superfund Site?** Officials from the SLVHD Environmental Division said there were no indications any remedy was not protective or functioning as intended relative to the tailings pile caps in Magna or groundwater cleanup in the North Zone areas.
4. **Does your office conduct routine communications and/or activities (site visits, inspections, reporting activities, participation in meetings, etc.) associated with the remedy actions performed at the Kennecott North Zone Superfund Site? If so, please briefly summarize the purpose and results of these communications and/or activities over the past several years.** SLVHD Officials said they have a couple of landfill inspections and said they are also notified by the UDEQ 24-hour Emergency Response system as spills are reported in the County. The county uses building permit processes and ordinances to monitor construction on cleanup properties.
5. **Are you aware of any community concerns regarding the remedy actions performed at Kennecott North Zone Superfund Site? If so, please give details.** No one at SLVHD expressed any health or environmental concerns regarding North Zone cleanup and no issues have occurred over the last five years from the

community. Residents have general Kennecott development concerns, the north tailings impoundment expansion in Magna are concerns which have come up from time to time.

6. **Over the past five years, have there been any complaints, violations, or other incidents (e.g., vandalism, trespassing, or emergency responses) your office may be aware of or responded to, at the Kennecott North Zone Superfund Site? If so, please give details of the events and results of the response.** SLVHD Officials said they are aware of and have looked into complaints regarding pipeline breaks, blowing dust, odor from bio solids, and a noise ordinance also rumors of the smelter stack coming down in the North Kennecott Zone areas.
7. **Do you feel well informed about the site's activities and progress over the last five years? Do you know how to contact the Environmental Protection Agency or UDEQ if you have questions or concerns about the Kennecott North Zone Superfund Site?** SLVHD feels well informed and has a good internal coordination of e-mails and would like to make sure to get any public notices in a timely manner from UDEQ or EPA.
8. **Over the past five years, have there been any changes in your department's policies or regulations that might impact how the remedial actions at the Kennecott North Zone Superfund Site are implemented? If so, please describe the changes and the impacts. The SLVHD said they will have a prominent role with Institutional Controls within the County.** Establishing Institutional Controls is a priority for the County to insure Superfund cleanup areas remain protective. Insuring coordination with documentation at SLCO and the regulating entities for cleanup areas is important to provide the best information to property owners at the site. The SLVHD will review all Institutional Controls for development and sign off on any residential developments with a risk reduction overlay zone.
9. **Over the past five years, have there been any changes in land use surrounding the Kennecott North Zone Superfund Site? Are you aware of potential future changes in land use?** SLVHD is not aware of any changes in land use.
10. **Do you have any comments, suggestions, or recommendations regarding the site's management or operation (institutional controls)?** The SLVHD does not have any recommendations. No additional comments other than scheduling future meetings with EPA and UDEQ to approve Institutional Controls for Salt Lake County through the appropriate stakeholders.



**Kennecott North Zone Superfund Site  
Five-Year Review  
Interview of Local Agencies**

Site Name: Kennecott North Zone EPA ID: UTD070926811	Date: 2/15/2013
Type of Contact: Visit	Contact Made By: Dave Allison, UDEQ Community Involvement and Doug Bacon, UDEQ Project Manager
Person Contacted	
Name: Kerry Buetler, Division Manager - Planning and Zoning Jef Coombs, Environmental Health Director Brian Slade, Environmental Health Scientist	Organization: Tooele County
Address: 151 North Main Tooele, Utah 84074	Telephone Number: (435) 277-2300 Email Addresses: <a href="http://www.co.tooele.ut.us/">http://www.co.tooele.ut.us/</a> <a href="http://tooelehealth.org/">http://tooelehealth.org/</a>

1. **Is your organization/department aware of the Kennecott North Zone Superfund site and the actions underway to address historical environmental contamination?** The Tooele County Health and Planning Departments were not aware of any areas within the County regarding Kennecott North Zone sites in particular and only keep apprised of any ongoing activities which directly involve their offices. No department officials could recall dealing directly with Kennecott related issues over the last five years.
2. **Was your organization/department involved with any of the past public outreach activities associated with remedy actions at the Kennecott North Zone Superfund site? If yes, was it helpful for your organizations understanding of the remedy actions?** Tooele officials said they have not been involved in any outreach regarding Kennecott due to the lack of Kennecott related activities within Tooele County.
3. **What's your overall impression (your general sentiment) of the remedy actions performed at the Kennecott North Zone Superfund Site?** Tooele Department Officials did not have any reasons to believe the remedy actions in Tooele County are not protective. No one from the State or EPA has contacted their respective offices informing them of an environmental investigation or incident and Kennecott operations.
4. **Does your office conduct routine communications and/or activities (site visits, inspections, reporting activities, participation in meetings, etc.) associated with the remedy actions performed at the Kennecott North Zone Superfund Site? If so, please briefly summarize the purpose and results of these communications and/or activities over the past several years.** Tooele County officials do not have any Kennecott related tasks associated with their daily operations and would only conduct visits or inspections if permits were involved or a reported situation developed at a site.
5. **Are you aware of any community concerns regarding the remedy actions performed at Kennecott North Zone Superfund Site? If so, please give details.** No community Kennecott complaints or questions were communicated to the Environmental Health or the Planning and Zoning Offices from County residents.
6. **Over the past five years, have there been any complaints, violations, or other incidents (e.g., vandalism, trespassing, or emergency responses) your office may be aware of or responded to, at the Kennecott North Zone Superfund Sites? If so, please give details of the events and results of the response.**

Tooele County Officials said there were no issues in the Erda air shed (including the northern Tooele Valley communities of Lake Point, Erda, Pine Canyon, and Stansbury Park) located within a few miles of Kennecott's smelter smoke stack. Tooele County Officials could only recall a small waste rock area unrelated to the North Zone sites in an area referred to as Middle Canyon.

- 7. Do you feel well informed about the site's activities and progress over the last five years? Do you know how to contact the Environmental Protection Agency or UDEQ if you have questions or concerns about the Kennecott North Zone Superfund Site?** As Tooele County Officials have not had any information directed to their offices of any Kennecott North Zone incidents and no information regarding ongoing Kennecott activities within the County. If necessary, Tooele County Officials have contacts they would call at UDEQ if an incident occurs regarding Kennecott.
- 8. Over the past five years, have there been any changes in your department's policies or regulations that might impact how the remedial actions at the Kennecott North Zone Superfund Site are implemented? If so, please describe the changes and the impacts.** Tooele County Officials said no policies or regulations are impacting any remedial actions at the Kennecott North Zone sites requiring oversight.
- 9. Over the past five years, have there been any changes in land use surrounding the Kennecott North Zone Superfund Sites? Are you aware of potential future changes in land use? If so, please describe.** Tooele County Planning has not had any changes in land use regarding any Kennecott or any other Superfund Sites in Tooele County. Tooele County does keep track of roads, land use, utility corridors, or pipeline projects going through the other cleanup areas in the County. Cleanups areas outside of North Kennecott Zone Sites include rail spur areas of lead and arsenic and the Jacobs Smelter and International Smelter Superfund Sites.
- 10. Do you have any comments, suggestions, or recommendations regarding the site's management or operation (institutional controls)? If so, what types of future problems do you think (1) could occur; or (2) would concern you and/or your department?** No additional comments related to Kennecott Sites. Tooele County Officials asked general questions regarding the status of a small waste rock area in Middle Canyon outside of the North Zone Area. They were aware of the area and jersey barriers Kennecott placed to maintain vegetation on areas a top the North end of the Oquirrh range and were told there were no issues UDEQ was aware of.