



Anaconda Copper Mine Site Public Meeting

June 25, 2019



Nevada Division of Environmental Protection (NDEP)
and
The Bureau of Land Management (BLM)

Meeting Agenda

- Panel discussion: NDEP –Jeff Collins, Jeryl Gardner; BLM –Dave Davis including Q&A and Discussion
 - Mine closure construction schedule
 - Groundwater investigation update
 - Proposed groundwater criteria
- Informal poster and visualization discussions
 - Table 1 –General information, hand-outs, sign-in sheet -NDEP
 - Table 2 –Computer visualization of site and subsurface processes -ARC
 - Table 3 –RD/RA Progress -ARC
 - Table 4 –Groundwater investigation, municipal water, bottled water -NDEP

ROD 1 Closure Construction Schedule

- Heap leach pad ponds design completed
- Draft heap leach pad regrading and cover design –due 8/7/19
- Considerations prior to pond construction initiation in August
 - Cultural Resource Monitoring Plan under review –YPT comments due -7/3/19
 - BLM questions regarding one pond location on public land
- Pond construction completion phased –winter 2019/2020
- Heap leach pad construction initiation –spring 2020
- Heap leach pad construction completion -2024

Site Construction Benefits for Yerington Community

- **Hiring Local Companies and People**
 - 2019-20: Desert Engineering contracted to perform pond construction work
 - 2020-24 - Additional local companies and people likely to be employed
 - Potential to hire local labor by construction contractors
 - Includes multiple local/regional suppliers, such as Agru –local seed supplier
- **Goods and Services Purchased Locally (2019-24)**
 - Lodging/housing for longer-term workers
 - Hotels for out-of-town short-term workers, visitors
 - Restaurants for longer and short term workers
 - Fuel supplies
 - Office supplies
 - Supplies and materials for large civil construction project

Groundwater Remedial Investigation (RI) History

- Groundwater RI has proceeded since 2005 (or before), and is culminating with submittal of the Final RI Report at end of the year
- Multiple technical working group meetings, discussions and document approval letters from EPA to ARC determined next steps between March 2014 and February 2018
- Groundwater flow model report: 3/18/14; EPA approval 5/18/15
- Geochemical report: 12/11/15; EPA approval 7/31/16
- Bedrock GW Assessment report: 1/28/16; EPA approval 7/31/16
- Background Groundwater Quality Assessment (BGQA) Rev 3 report: 11/16/16; EPA approval 2/16/17

Groundwater Remedial Investigation Report Schedule

- Final Plume Stability Tech Memo due -7/15/19
- Final Geothermal Tech Memo due -7/29/19
- Revised Draft RI Report due -9/5/19
- NDEP collated comments and direction to ARC due -11/5/19
- Final RI Report submittal due -1/5/20

Groundwater Monitoring Optimization Strategy

- Investigation is complete; current MW network of all 350 wells not needed now; monitoring focus changes now
- Optimized groundwater monitoring network goals and objectives:
 - Track and evaluate plume stability, contaminant movement and groundwater velocity and direction
 - Ensure receptors are protected
- General ideas about what an optimized network might look like:
 - Enough on-site wells to monitor source areas and potential migration
 - Enough off-site wells along groundwater flow paths to measure and evaluate plume stability and potential contaminant migration
- In addition to number and location of wells in new network, also focus on specific parameters that will be useful and frequency of monitoring

Bottled Water Criteria

- The Bottled Water Program was implemented as a precautionary interim measure in 2004. Extent of mine-impacted groundwater unknown at that time.
- Proposed Bottled Water Criteria:
 - Is the residence connected to a treated water source?
 - Is the residence within the currently identified plume boundary?
 - Access to a treated water source?
 - Uranium levels above 25 parts per billion (drinking water standard is 30 ppb)?
 - Is the residence outside the currently identified plume boundary?

Thank you!

- Your participation and interest are appreciated
- Fill out comment cards
- Stay tuned for updates on the website:
 - <https://ndep.nv.gov/land/abandoned-mine-lands/anaconda-home>
- Project files available at:
 - NDEP Anaconda website and SharePoint
 - Yerington Library also maintains and provides electronic access to site documents.
- Other contact info:
 - NDEP Project Manager: Jeryl Gardner, jgardner@ndep.nv.gov
 - BLM Project Manager: Dave Davis, drdavis@blm.gov
- Next public meeting tentatively planned for late Oct –early Nov