
To: Nevada Environmental Response Trust
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From: Dan Pastor and Dana Grady

Date: March 12, 2017

Subject: **Seep Area Bioremediation Treatability Study Progress Update**

At the direction of the Nevada Environmental Response Trust (NERT or Trust), Tetra Tech, Inc. (Tetra Tech) has prepared this memo which summarizes Tetra Tech's progress made during February 2017 toward successfully implementing the Seep Area Bioremediation Treatability Study.

Task Progress Update: February 2017

Task M11 – Seep Area Bioremediation Treatability Study

- Task Leader – Dana Grady
- Current Status
 - As part of the preliminary field activities, soil boring and monitoring well installation began on February 20, 2017. A total of 10 soil borings and 16 monitoring wells (four single monitoring wells and six paired monitoring wells) are scheduled to be completed during this phase. Both soil samples and discrete groundwater samples will be collected for analysis of perchlorate, nitrate, and other relevant geochemical and microbial parameters depending on sample type, depth, and location. Finally, soil will also be collected from select borings and transported to UNLV for bench-scale testing as well as geophysical parameter testing (such as grain size analysis and soil density). The work is currently ongoing and scheduled to be completed on March 17, 2017.
 - Once the preliminary field activities are completed, Tetra Tech will review boring logs in conjunction with the geophysical survey results to determine appropriate correlations. A brief description will be presented upon completion of these drilling activities.
- Schedule & Progress Updates
 - This task is currently on schedule.
- Health & Safety
 - There were no safety incidents related to Task M11 during February 2017.