

CSMRI SITE REMEDIATION PROJECT SUMMARY

December 7, 2004

During April and May of 2004 active remediation of soils started at the CSMRI Site near the west end of 12th Street adjacent to Clear Creek. The remediation activities conducted included the excavation and bagging of soils. However, soil quantities excavated exceeded earlier estimates. Due to the discrepancies between estimates and actual quantities excavated, the remediation work was halted. The contract with the firm that had performed the Site investigation and remediation work has been terminated and the Site has been secured to protect public health and the environment.

- Approximately 1,850 cubic yards of soil were excavated and bagged. These soil bags are currently stored at the Site under protective cover.
- Preliminary screening of the bagged soil has indicated that contamination levels in the bagged soil are lower than predicted.
- Sampling and analysis of the bagged soil is being conducted to determine final disposal alternatives.
- Methods and standards used to identify the soils that were bagged are now being reexamined. Factors such as the determination of appropriate Site background contaminant levels, establishment of field instrument screening criteria, techniques used to segregate non-contaminated soils from contaminated soils, and mapping of contaminant zones are all being reevaluated. Careful review and improved use of these factors will help improve cleanup methods.
- Disturbed portions of the Site have been seeded with native grasses to minimize wind and water erosion. Several small piles of potentially contaminated soils were covered with tarpaulins to minimize wind erosion. Additional fencing was placed around the bagged soils to limit public access. Stormwater controls are in place at the Site.
- Air and water sampling conducted during the break from remediation work indicate there are no releases of contaminants from the Site.
- The Colorado School of Mines is working closely with the Colorado Department of Public Health and Environment to ensure that appropriate protections are in place and to restart remediation work when concerns and questions have been addressed.

If you have any questions regarding the site, please contact Linn Havelick at the Colorado School of Mines at (303) 273-3316 or via email at lhavelic@mines.edu.