

Soil Remediation Project

Arecon Ltd. has developed many onsite remediation strategies for contaminated soil. One soil remediation project that Arecon designed and implemented utilized a strip-mining approach. The site was carefully delineated in order to fully characterize the vertical and horizontal extent of the contamination. Then the most contaminated soils were excavated thus removing the major sources of contamination.



The photograph to the left shows an area where metal hydroxide sludge was encountered during the strip-mining activities.



The photograph to the right shows a part of the site that contained buried process tanks. This part of the site was the major source of ground water contamination.



Process equipment containing plating solution and sludge is shown to the left. The equipment was removed from the excavation shown above.

Soil excavated from the strip-mining operation was screened using an Extec screener. Acceptable material was reused onsite as backfill.

