

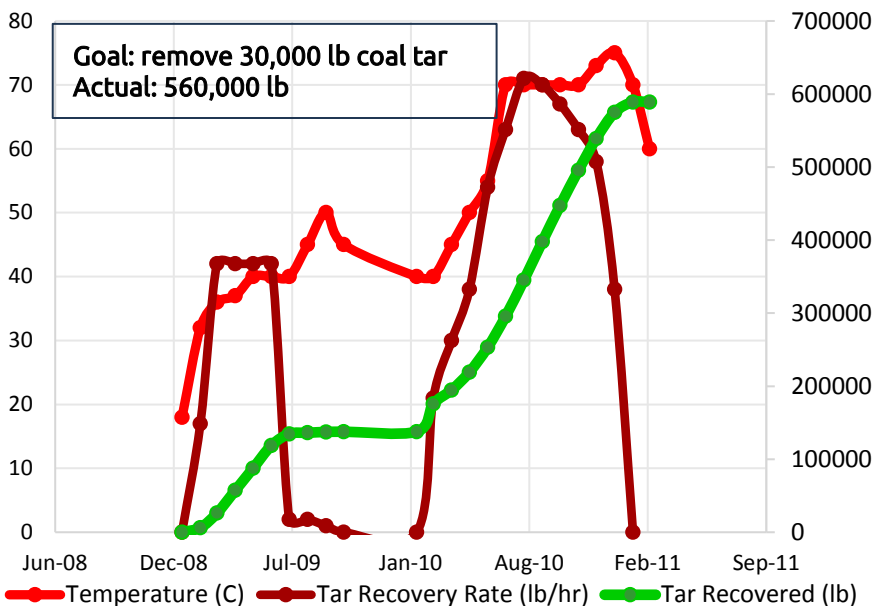


TRS Group, Inc.
Accelerating Value

Electrical Resistance Heating at former Manufactured Gas Plant Confidential Site, Western USA



ERH treatment area and equipment compound



Temperature and Tar Recovery vs. Time

Remediation Goals

- Removal of 30,000 lb of coal tar
- Reduction of naphthalene, benzene, fuel oil concentrations in soil

Site Characteristics

- Underground storage tank within treatment volume
- Treatment volume of 1,600 yd³
- Vadose & saturated zones: clay with sand lenses
- Baseline soil concentrations
 - 50,000 mg/kg naphthalene
 - 4,600 mg/kg benzene

Operations

- ERH electrodes co-located with multi-phase extraction points
- Total run time: 2 years
- System design changes due to high mass

Results

- 560,000 lb of coal tar removed
- 70% reduction of naphthalene
- 81% reduction of benzene

**Safe. Fast. Certain.
Guaranteed.**

An Employee Owned Company

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For more information
and other project examples,
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