

ALLSUP'S #319



Project Size:
+\$700,000
Project Service Dates:
May 2004 - 2007
Project Location:
Taos, New Mexico



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Project Description:

- Multi-phase extraction (MPE) remediation project required (1) engineering & design of a MPE remediation system using dual liquid-ring compressors and thermal off-gas treatment, with an integrated wastewater stripping treatment system; (2) permitting of the dual MPE system with the New Mexico Environment Department; (3) MPE remedial infrastructure design, installation and supervision; (4) on-site supervision of MPE remedial start-up operations; and (5) on-going remedial engineering and oversight.
- Completed under direct supervision and cost control of the New Mexico Environment Department, this motor vehicle fueling station remediation project required the design, fabrication, installation, and operation of the most sophisticated in-situ remedial equipment and technology currently applied to the remediation of light non-aqueous phase liquid (LNAPL) contaminated sites.
- Project work tasks included:
 - remediation work plan design & preparation;
 - monitor well and MPE well design & installation;
 - remedial infrastructure design & installation;
 - wastewater stripping treatment system design;
 - treated water injection;
 - MPE remedial system design & operational oversight;
 - thermal oxidation off-gas treatment engineering support;
 - coordination with the New Mexico Environment Department;
 - support for state corrective action fund cost recovery.

