



INTERNATIONAL  
TECHNOLOGY  
CORPORATION

March 30, 1992

Project No. 198154

Mr. Jim Dye  
Ingersoll Rand Corporation  
1495 Valley Center Parkway  
Bethlehem, Pennsylvania. 18017-2293

Project Summary  
Ingersoll Rand Facility  
1944 Marina Boulevard, San Leandro, California

Dear Mr. Dye:

Pursuant to your request, I have prepared the following summary of the environmental activities for the referenced Ingersoll Rand (IR) facility:

Date	Item
1969-1989	Underground Storage Tank (UST) Operation
1973	IR becomes lessee
3/89	Gasoline UST fails routine testing
5/89	Unauthorized UST Release reported to San Leandro Fire Department
9/89	UST Removal Permission granted from San Leandro Fire Department
10/89	All USTs removed (10,000-gal. diesel, 5,000-gal. gasoline, 550-gal. waste oil) Alameda County Flood Control District permit granted for Initial Assessment
10/89	Initial Assessment undertaken to ascertain groundwater quality and preliminarily define site geology Included installation and sampling of three wells and eight soil borings
10/90	Alameda County Flood Control District permit granted for Continued Assessment

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<b>Date</b>	<b>Item</b>
11/89	Provide Problem Assessment Report to client
12/90	Continued Assessment undertaken to define site geology; determine aquifer parameters; examine adsorbed and liquid phase geochemistry; and determine vadose zone parameters. Included installation and sampling of one additional groundwater monitoring well, testing of 33 soil samples from 12 continuous cores, and completion of step draw down tests on two wells.
1/91	Provide Data Summary Report to client  Provide project updates to appropriate regulatory agencies
3/91	Remove hazardous refuse generated during previous field activities
8/91	Provide Remedial Approach and Conceptual Design Report to client
9/91	Design Soil Vapor Extraction (SVE) Treatment System that will clean soil in-situ  Solicit bids from subcontractors to fabricate and install designed SVE treatment system Included subcontractor bid walk
10/91	Award contract for SVE treatment system fabrication and installation
1/92	City of San Leandro issues building permit for SVE system  File UST Reimbursement Claim with California Water Resources Control Board  Encroachment authorization granted by adjacent lessee to further delineate groundwater contamination
3/92	Bay Area Air Quality Control Board (BAAQMD) permit granted for SVE System operation  SVE System installation complete

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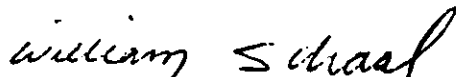
Date	Item
4/92	Perform Further Groundwater Delineation Includes installation, sampling, removal of eight temporary wells and testing soil gas at four of these wells
	Begin operation of SVE System with BAAQMD required monitoring
5/92	Generate groundwater treatment alternatives using data gathered during further groundwater delineation

**Additional Notes:**

Anticipated duration of SVE System operation to clean soil is six months. Operation may be extended if SVE System proves useful in groundwater clean up.

Groundwater treatment alternatives cannot be addressed until Further Groundwater Delineation has been undertaken.

Sincerely,



William Schaal  
Project Manager

WS:lpj

cc: Mr. Alex Aguirre, Ingersoll Rand Corporation  
IT Central Files