

Table 1
Chronology of Site Investigations and Significant Events
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515

Date	Event
January 4, 1988	The Texas Water Commission (TWC) issued a <i>Notice of Registration for Solid Waste Management</i> (not a waste management permit) to Dae (Jimmy) Kim doing business as (DBA) Bell Dry Cleaners (Bell) at 11600 Jones Road. The notice recognized the Bell facility as a Small Quantity Generator of hazardous waste associated with the dry cleaning industry (40 Code of Federal Regulations Part 261; waste codes F001, F002, F004, and F005).
September 1, 1993	The TWC changed its name to The Texas Natural Resource Conservation Commission (TNRCC).
November 4, 1994	Associated Environmental Consultants, Inc. submitted <i>Phase 1 Environmental Assessment Report for Shopping Center Located at 11600 Jones Road</i> . The report was prepared for Metro Bank, N.A., and found no indication of the obvious presence or potential for contamination of the site based on property ownership review, examination of aerial photographs, available regulatory information, physical inspection of the site, and preliminary asbestos study. The report documented the presence of two 30-gallon drums and one aboveground storage container containing tetrachloroethylene (PCE) associated with the Bell laundry operation, and the PCE was reported to be recycled or disposed by Safety-Kleen of Houston, Texas. New and used motor oil, antifreeze, solvent for parts washing, used batteries, and used oil filters were associated with operations at Advanced Auto Repair. The auto repair related wastes were reported to be recycled or disposed by States Environmental Oil Services, Inc.
December 20, 2000	The Texas Department of Health (TDH) reported results from the public water system at Finch's Gymnastics USA to contain concentrations of PCE above the EPA established drinking water standards (0.005 ppm). Monthly sampling was conducted in January through May of 2001 by the TDH confirming these initial test results.
February 6, 2001	The TNRCC Drinking Water Monitoring Team, Public Drinking Water Section, submitted a <i>Tetrachloroethene Maximum Contaminant Level Exceedance</i> letter to Finch Gymnastics (10903 Tower Oaks Boulevard), advising Finch Gymnastics to "investigate the source of contamination, hire a competent engineer to review treatment alternatives, and/or seek alternative sources for water to prevent customer exposure and the risk of a violation".
June 5, 2001	Geo-Tech Environmental, Inc. (Geo Tech) submitted a <i>Phase 1 Environmental Site Assessment report</i> for the 11600 Jones Road site for Sterling Bank on behalf of Bell "to assist in the underwriting of a proposed mortgage loan of the property". During inspection of the property leakage from the dry cleaning machine was noted to be draining into the storm drains behind the Bell facility. The Phase 1 report recommended a subsurface soil and groundwater investigation around the dry cleaner to determine if facility operations impacted the area.
July 9, 2001	Geo-Tech submitted a <i>Limited Site Assessment</i> report for the Bell facility. Three soil borings were installed and subsequently converted into temporary monitor wells. Soil and groundwater samples taken from the west and front side of the Bell facility were impacted with PCE and degradation products. The report recommended that the owners enter into the TNRCC Voluntary Cleanup Program (VCP) to remediate the site and obtain a certificate of completion.

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July 30, 2001	The TNRCC Drinking Water Monitoring Team, Public Drinking Water Section, submitted a <i>Prevention of a Violation of the Tetrachlorethene Standard</i> letter to Finch's Gymnastics USA & Childcare (10903 Tower Oaks), commending Finch's for providing "an alternative water source (bottled water) to their customers before formal notice of violation was issued for exceeding the standard for tetrachloroethene (PCE)". The letter also confirmed receipt of notification from Finch's that bottled water was in use, and that the TNRCC would continue to monitor the water supply (well water) on an annual basis, and that public notification would not be required.
August 2001	Geo-Tech submitted <i>Voluntary Cleanup Program Site Investigation Report</i> to the TNRCC documenting previous work completed at the Bell facility during the <i>Phase 1 Environmental Site Assessment</i> (Geo-Tec, June 2001) and the <i>Limited Site Assessment</i> (Geo-Tec, July 2001).
October 24, 2001	Dae Kim DBA Bell Dry Cleaners and Henry T.T. Lucky, Inc. (property owner of 11600 Jones Road) entered an agreement with the TNRCC to participate in the Texas Voluntary Clean Up Program (VCP).
December 12, 2001	Geo-Tech submitted a Limited Site Assessment report to document the installation of three permanent monitor wells (MW-1 through MW-3) and two soil borings (B-1 and B-2) at the Bell facility on November 2, 2001. Soil and groundwater analytical results indicated impact by PCE and degradation products.
February 7, 2002	Geo-Tech submitted a letter report to the TNRCC Voluntary Cleanup Program on behalf of the Bell facility owner, Dae Kim. The letter report provided updates of Limited Site Assessment activities performed at the Bell facility on November 2, 2001 and additional investigation performed on January 4, 2002. During the additional investigation, one soil boring (IB-1) and three additional permanent monitor wells (MW-4 through MW-6) were installed. Soil boring IB-1 was installed inside the Bell facility. PCE, TCE, DCE, and VC were detected in shallow (less than 35 feet bgs) soil and groundwater samples at concentrations above Texas Risk Reduction Program (TRRP) Tier 1 Protective Concentration Levels for soil and groundwater ingestion in a residential setting.
February 14, 2002	The TNRCC Superfund Site Discovery and Assessment Program (SSDAP) sampled the water well and inside sink at Finch's Gymnastics U.S.A. and Childcare (Finch's) at 10903 Tower Oaks Boulevard, Houston, Texas. The sample results revealed PCE levels above the United States Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) of 5 parts per billion (ppb).
March 13 through 20, 2002	The TNRCC SSDAP conducted sampling of 43 wells in the Jones Road area. The samples were submitted to the Lower Colorado River Authority in Austin, Texas for analysis of VOCs using EPA Method 524.2. The analytical results revealed organic concentrations above background and/or the practical quantitation limit (PQL).
March 6, 2002	The TNRCC submitted a notification letter to Bell informing them that Finch's well had been impacted by PCE, and that if Bell was a potential source of the PCE, then Bell would be required to take additional measures to prevent exposure to affected water. The notification also indicated that if Bell failed to take the appropriate measures, the TNRCC would take the required measures to prevent exposure, and seek cost recovery from Bell in the future. The letter also requested a greatly accelerated schedule for pursuing delineation of the plume from the Bell site.

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March 11, 2002	The TNRCC submitted a notification letter to Bell that the VCP would require him to perform emergency response actions to protect public health and safety from the threat caused by the PCE contaminated water.
March 14 through 20, 2002	Groundwater sampling of 44 area water wells within a 0.25-mile radius of the Bell facility performed by the TNRCC and Bell's consultant, Geo-Tech Environmental with review, validation, and DUS of the samples performed by Shaw. Bell's treatment system contractor installed eight granular activated carbon (GAC) filters on the wells that were contaminated with PCE, including Finch's water well. However, Bell failed to pay the contractor, and the contractor subsequently removed the GAC filters. The TNRCC replaced the GAC filters at the time of their removal by the contractor. Up to this date, approximately 150 wells or the 216 wells identified within a 0.5-mile radius of Bell were sampled, and at least 16 wells were discovered to be impacted by PCE at concentrations above the MCL.
March 26, 2002	The TNRCC submitted a letter instructing Bell to install and maintain carbon filters at additional sites and to conduct vapor monitoring at three sites.
March 27, 2002	The TNRCC submitted a letter to Bell indicating that Bell must submit a signed schedule for identifying all wells within a 0.5-mile radius of the Bell facility for sampling the wells located in the neighborhood on the west side of Jones Road. Bell was also instructed to schedule the installation of GAC filters on any wells impacted by PCE. Bell was to provide the schedule information to the VCP by April 1, 2002, or the VCP would initiate the fifteen day notice period for the termination of the VCP agreement.
March 27, 2002	The TNRCC submitted a letter to Lucky asking Lucky to submit a written statement by April 1, 2002 indicating that Lucky was committed to performing the emergency response measures described in the March 26 and 27, 2002 letters to Bell if Bell chose not to continue participation in the VCP. If Bell withdrew from the VCP and Lucky failed to commit to continue the VCP, then VCP would initiate termination of the VCP agreement with Lucky.
April 1, 2002	Lucky submitted a letter to the TNRCC stating that Lucky and Bell were committed to performing the required emergency response measures by April 12, 2002.
April 16, 2002	Bell and Lucky failed to perform the required emergency response measures, and withdrew from the VCP. The TNRCC submitted a letter notifying Lucky that the TNRCC would withdraw from the VCP agreement.
May 1, 2002	The TNRCC issued Emergency Order Docket No. 2002-0584-IHW-E to the estate of Dae Kim DBA Bell Dry Cleaners and Henry T.T. Lucky, Inc. The order specified action including (1) install and maintain filtration systems on impacted wells and prepare a sampling plan for the same; (2) sample and analyze all wells within a 0.5-mile radius of the site; (3) install filtration systems on any new wells found to be impacted; (4) perform an investigation to determine the source and delineate the plume; (5) submit a groundwater investigation report; (6) perform more investigation if deemed necessary by the Executive Director.
May 13 through 20, 2002	A <i>Focused Site Inspection</i> was performed at the site. 52 groundwater samples were collected to substantiate the release and migration of contaminants. Groundwater samples were analyzed by the LCRA.
June 10, 2002	The dry cleaning machine at the Bell facility was emptied of PCE and transported to another dry cleaning facility for use. This date marks the last use of PCE at the Bell facility.
September 1, 2002	The TNRCC changed its name to The Texas Commission on Environmental Quality (TCEQ).

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September 12, 2002	The TCEQ Litigation Division issued a <i>Superfund Referral</i> requesting that the Bell case be referred to the Superfund Program based on "(1) documented releases of hazardous substances and hazardous wastes; (2) the site is inactive with respect to the management and disposal of hazardous waste since Bell no longer uses PCE in its process; (3) Bell have inadequate funds to address the cleanup; and (4) enforcement is no longer and effective option for addressing the contamination at the site".
September 18, 2002	The TCEQ prepared a <i>Compliance Evaluation Investigation</i> (CEI) report documenting several Notice of Violation (NOV) reports issued to Bell for mismanagement of waste materials. The NOV's were related to improper documentation of waste disposal records. Review of partial records provided by Bell indicates that Safety-Kleen Systems (SK) transported 5,115 lbs in 1999; 1,755 lbs in 2000; 1,157 lbs in 2001; and 787 lbs of waste PCE in 2002.
October 2002	Groundwater sampling event. TCEQ installed GAC filtration systems on 21 water wells where PCE concentrations were detected above the MCL.
October 17, 2002	TCEQ presented a questions and answers meeting with the public regarding the Jones Road Groundwater Plume.
December 2002	PCE, DCE, and chloromethane were detected in a sample collected from a public water supply (PWS) well located at Finch's Gymnastics USA and Childcare at concentrations exceeding the United States Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) of 5 parts per billion (ppb). Bottled drinking water was subsequently provided to the facility patrons and staff.
January 2003	Groundwater sampling event. TCEQ installed GAC filtration systems on 21 water wells where PCE concentrations were detected above the MCL.
January 24, 2003	The Texas Department of Licensing and Regulation notified all licensed drillers in Harris, Waller, Grimes, Ft. Bend, Brazoria, Galveston, Montgomery, San Jacinto, Chambers and Liberty counties, of more stringent specifications for drilled water wells within the Jones Road Groundwater Plume area. Department of Health (TDH) reported results from the public water system at Finch's Gymnastics USA to contain concentrations of PCE above the EPA established drinking water standards (0.005 ppm).
January 30, 2003	The TCEQ SSDAP Remediation Program issued an interoffice memorandum summarizing the Jones Road ground water plume. The memo indicated that 228 wells were sampled in the area, and 23 wells had detections of PCE at or above the EPA MCL of 5 ppb. The memo also indicated that GAC filtration systems had been installed 23 wells, and that 18 wells contained PCE concentrations below the MCL. The boundaries of the plume as the southern end of Echo Spring (northern boundary); Tower Oaks (southern boundary); Timber Hollow (western boundary); and eastern side of Jones Road (eastern boundary).
February 3 through 10, 2003	Groundwater sampling event of approximately 250 locations.
April 2003	The TCEQ prepared Hazard Ranking System Documentation Record for the Jones Road Ground Water Plume (CERCLIS Site ID Number TXN 000 605 460) in cooperation with Region VI of the EPA. The Hazard Ranking Score for the site was determined to be 46.5
April 30, 2003	The Jones Road site was proposed for addition to the NPL.
May 19 through 23, 2003	May 2003 Groundwater sampling event.

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June 10, 2003	Interoffice Memorandum from the TCEQ Jones Road DQO Team to the TCEQ Superfund Team Leader (Jim Sher) recommending additional investigation at the Jones Road site. The recommendations included delineation of the shallow groundwater plume from its source (Bell); quarterly monitoring of select residential water wells and maintenance of filter systems; gathering and assimilation of additional well, hydrological, and other data; and investigation of additional source areas. Delineation recommendations included installation of 46 Cone Penetrometer Test (CPT) points to a depth of approximately 40 to 60 feet bgs; installation of 14 temporary monitor wells, collection of 65 shallow groundwater samples; and laboratory analysis by a mobile laboratory.
July 2003	Jones Road area was surveyed and base maps were subsequently prepared using survey information.
August 19, 2003	Shaw prepared a Health and Safety Plan (HASP) for surface soil sampling, drilling, installation of monitor wells, residential water sampling, and surveying. The HASP detailed the procedures to be followed during site activities in accordance with the Occupational Safety and Health Administration (OSHA), Shaw standard operating procedures, and all other federal, state, and local procedures applicable to the type of remedial investigation tasks performed at the Jones Road site.
August 4 through 12, 2003	August 2003 quarterly groundwater and treatment system monitoring event. One hundred forty-one (141) groundwater samples, 18 field duplicate samples and 6 field blank sample were analyzed by LCRA Environmental Laboratory Services. The analytes requested for water samples were Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) Method 524.2, metals (calcium, iron, magnesium, and manganese) by EPA 200.7, sulfide by EPA 376.2, and sulfate by EPA 300.0.
August 25, 2003	Field activities for the remedial investigation began. Thirty-seven CPT test borings and three monitor wells were installed. Soil and groundwater samples were collected.
August 30, 2003	Shaw submitted a <i>Remedial Investigation Work Plan</i> , and a <i>Field Sampling Plan (FSP)</i> for soil and groundwater investigations at the site. The FSP presented the requirements and standard operating procedures for conducting field operations and all sampling, handling, and collection activities at the Jones Road site.
September 29, 2003	Jones Road Groundwater Plume Site was listed on the National Priority List (NPL).
September 30, 2003	Shaw meeting with TCEQ. Discussed water well sampling data collected during August 2003 sampling event; remedial investigation work and data collected; elevation and position survey of data points; preparation of maps presenting the sampling data; identification of soil sampling locations; installation of remaining monitor wells; Geoprobe sampling in concert with Color Tec screening and mobile laboratory; engineering investigation of Finch's water well system; CLP sampling personnel and equipment/supplies; identification of subsurface utilities; rental of office/warehouse space for routine quarterly sampling events; and historical database search with aerial photographs/historical use of adjoining properties (to 11600 Jones Road).
October 1 through 14, 2003	TCEQ internet and telecom search to locate contacts of the Harris County Permit Department for drawings and specifications of the septic system installation at 11600 Jones Road.

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October 17, 2003	The TCEQ prepared <i>Amendments to the Field Sampling Plan</i> . The purpose of the document was to amend the original FSP prepared by Shaw, dated August 30, 2003, to include anticipated shallow soil and groundwater investigations associated with the Bell facility. The original FSP was intended for collection of deep groundwater samples from private wells in the area, and not shallow soils and groundwater. Specifically, the FSP amendment describes the methods/processes for collection of soil and groundwater using a Geoprobe Rig (direct push technology (DPT)), shallow groundwater samples, soil samples, photoionization detector screening, Color Tec screening, mobile laboratory analysis of soil and groundwater, and Contract Laboratory Program (CLP) analysis of soil samples.
October 22, 2003	Soil sampling was conducted at 21 geoprobe locations. Groundwater samples were collected at selected locations.
November 10 through 20, 2003	November 2003 quarterly groundwater and treatment system sampling event.
November 18, 2003	TCEQ community meeting with slide presentation of conceptual site model for the 11600 Jones Road area.
February 12 through 20, 2004	February 2004 quarterly groundwater and treatment system sampling event.
February 16, 2004	Shaw submitted a <i>Remedial Investigation Work Plan Addendum</i> , and a <i>Field Sampling Plan Addendum</i> to address collection and comparison of inorganic water quality parameters.
April 20, 2004	TCEQ community meeting with slide presentation, including a three dimensional visualization model of the source area based on soil and groundwater data.
April 28, 2004	Shaw submitted <i>Remedial Investigation - Geoprobe; October 2003</i> to the TCEQ. Twenty-one soil borings (GP-1 through GP21) were installed to a maximum depth of thirty-five feet below ground surface (bgs) during the period from October 22 through 29, 2003. The purpose of the investigation was to identify potential discharge points to the shallow soil, including a storm drainage grate outside the back door of the Bell facility, roadside ditches that receive stormwater from the grate, areas associated with the septic system (field and tank), areas where sewer pipes are located, and the foundation of the building. All soil and groundwater samples were collected using DPT drilling methods. All soil samples were analyzed by an off-site fixed-based laboratory performing under the Contract Laboratory Program (CLP) of the Environmental Protection Agency (EPA). Selected soil and groundwater samples were analyzed by an on-site mobile laboratory (ESN) which was mobilized to the site to support the field activities for a limited time. Seventeen (17) groundwater samples, forty (40) soil samples, one field blank, one equipment rinsate blank, and one decon water sample were analyzed by ESN mobile laboratory.

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	The analytes requested were Volatile Organic Compounds (VOCs) by SW-846 Method 8260B . The soil samples were reported on a wet-weight basis. This was a variance obtained from TCEQ as this was a mobile laboratory set up for quick turnaround. The results of the mobile laboratory analyses were compared to a field screening technique which also reported results on a wet-weight basis. The purpose of the investigation was to delineate and identify "hot spot source" areas of contamination into the shallow soils (upper 35 feet) in the immediate vicinity of the Bell facility and to assess the Color Tec field screening method on soil matrix samples against analysis performed by an on-site mobile laboratory. Color Tec method was determined to have poor comparison to laboratory methods for soils. Results of laboratory analysis indicated impact to soil in nine of 21 DPT borings from four different sample zones (1 to 2 feet bgs; 16 to 19 feet bgs; 19 to 30 feet bgs; and 30 to 35 feet bgs).
April 29, 2004	Shaw submitted <i>Remedial Investigation - CPT; August/September 2003</i> , to document field activities performed August 25 through September 8, 2004 around the Bell Facility. 37 Cone Penetrometer Test (CPT) borings (CPT-1 through CPT-7 and CPT-10 through CPT-37) were installed to obtain electronic soil boring logs and to collect select groundwater samples. No soil samples were collected. The CPT borings were installed to approximate depths of 60 feet bgs. Groundwater samples were submitted to Severn Trent Laboratories in Houston, Texas for analysis of VOCs using Method 8260. The groundwater samples were also tested using the Color Tec field screening method to determine the accuracy of the Color Tec method to fixed laboratory analysis. The correlation was determined to be excellent. Analytical results revealed detectable PCE, TCE, DCE, and VC concentrations within water samples collected approximately 30 feet bgs in the interbedded zone near the Bell facility. One sample collected from CPT-32 (south of Bell across Barely Street) was detected at a depth of approximately 50 feet bgs. Monitor wells MW-7 through MW-9 were installed based on the CPT investigation data.
May 2004.	EPA awarded a technical assistance grant (TAG) to the Jones Road Coalition for Safe Drinking Water.
May 3 through 13, 2004	May 2004 quarterly groundwater and treatment system sampling event.
May 17, 2004	Shaw submitted <i>Remedial Investigation - Water Well Inventory Survey, May 2004</i> . The report was prepared to document information about active or past drinking water sources through interviews with individuals, and to submit TCEQ well inventory forms for their completion and return to the TCEQ. 47 locations were included in the survey, and a summary table of the information was prepared, along with an updated base map with approximate well locations and water use status.
June 30, 2004	Shaw submitted <i>Remedial Investigation - Water Well Inspections to Support Planning for Water Level Measurement Collection</i> . The report was prepared to verify the status of select existing private water wells in the Jones Road area, and to assess their potential use as data collection points for water level measurements. The report was also prepared to evaluate the wells for potential retrofit for water level measurement purposes. Field inspections were performed on June 15, 2004.
July 22, 2004	Shaw submitted <i>Remedial Investigation - Data Logger Assessment to Support Planning for Water Level Measurement Collection</i> report. The report was prepared to assess and evaluate the viability of using data loggers to obtain digital water level data from water wells in the Jones Road area. The report also compared costs and technical specifications of various different data logger brands.

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August 9 through 27, 2004	August 2004 quarterly groundwater and treatment system sampling event.
Date Unknown	TCEQ staff conducted file searches and collected available water drillers logs in the project area. Well construction information was determined to be available for only 30 to 40% of the wells in the area. Initial records search of public water supply (PWS) files were performed, and four geophysical logs were located with a 2- to 3-mile radius of the Bell facility. Shaw conducted a detailed file review and collected additional geophysical logs and hydrologic testing information associated with PWS wells located within a 3-mile radius of the Bell facility.
August 26, 2004	Shaw submitted <i>3D Visualization Development</i> . A three dimensional visualization model of the source area was prepared based on soil and groundwater data. The purpose of the model was to provide a visualization to better understand the spatial relationships of the impacts to soil and groundwater, and provide a spatial data analysis tool to support the planning of future investigations.
August 26, 2004	Shaw submitted <i>Remedial Investigation - General Groundwater (Inorganic) Quality Characterization and Comparison, March 2004</i> . The purpose of the investigation was to characterize general inorganic groundwater quality parameters from select monitor wells and private water wells, and also to compare water quality between wells to assess whether the groundwater from different wells represented the same, similar, or different water-bearing units to help assess the nature and extent of contaminant migration. Groundwater samples were collected from 3 monitor wells and 15 private wells. The groundwater samples were submitted for analysis of magnesium, iron, calcium, sodium, potassium, barium, zinc, boron, chloride, alkalinity, nitrate, sulfate, total dissolved solids (TDS), total organic carbon (TOC), phosphate, fluoride, biological oxygen demand (BOD), and chemical oxygen demand (COD).
September 22, 2004	Shaw meeting with TCEQ. Discussed preparation of maps to illustrate PCE distribution in groundwater; preparation of an inventory of all reports related to the project; recommendations for the pending CPT investigation; drilling methods for installation of the proposed deep monitor wells; waste classification related to deep well installation; water well retrofit for installation of data loggers; hydrologic data gathering performed by TCEQ; Shaw's key personnel to be assigned to the Feasibility Study process; surveying related to the water well retrofits and CPT installations; investigation at Finch's Gym; and status of report deliverables.
October 19, 2004	The Texas Department of State Health Services presented the draft report on the assessment of the Jones Road Groundwater Plume at a Community meeting.
November 2 through 18, 2004	November 2004 quarterly groundwater and treatment system sampling event.

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November 10, 2004	Shaw submitted <i>Remedial Investigation - CPT; August 2004</i> , to document field activities performed August 25 through 27, 2004. Ten CPT borings (CPT40 through CPT49) were installed near the 10902 Tower Oaks property and 10819 Barely Lane, which was an area suspected to be a separate source of groundwater contamination (other than 11600 Jones Road). Soil samples were not collected as part of this assessment. All collected groundwater samples were submitted to Liberty Analytical, in Cary, North Carolina as part of the EPA Contract Laboratory Program (CLP). All sample analyses were run for volatile organic compounds (VOCs) using the CLP Method OLCO3.2. In addition, field screening of groundwater samples for PCE was also performed in the field using the Color-Tec procedure. Results of the laboratory showed no PCE concentrations above the contract required quantitation limit (CRQL), and that additional source areas are not located in the locations where samples were collected.
December 8, 2004	Shaw submitted <i>Interim Report for Well Head Retrofit/Cleanout</i> . The report documented work performed by Wellco Drilling Services to retrofit five water wells to accommodate the installation of pressure transducers for electronic water level measurement purposes. Specifically, the report documented all equipment removed from the wells, the amount of drop pipe installed, and the depth from surface where each pressure transducer was installed. For each well, Wellco removed the existing production pipe; video taped the inside of the wells; ran natural gamma geophysical logs to assess the integrity of the wells and to determine the screened intervals/total depths; installed one-inch diameter PVC drop tubes; installed pressure transducers through the drop tubes; and installed new well caps.
January 20, 2005	Martin Survey Associates, Inc., Houston, Texas, performed a survey of position and top-of-casing elevations of nine private wells and monitor wells MW-6 through MW-9. Martin also performed a survey of CPT-40 through 49 locations.
February 7 through 16 and March 1, 2005	February 2005 quarterly groundwater and treatment system sampling event.
February 9, 2005	Martin Survey Associates, Inc. updated the survey maps/data by adding the locations and top-of-casing elevations of deep monitor wells MW-10 through MW-19. Previous existing survey data included locations and elevations of shallow monitor wells MW-6 through MW-9, CPT borings CPT-40 through CPT-49, and nine private water wells in the general study area.
February 17, 2005	Shaw submitted 2-Dimensional and 3-Dimensional figures for August 2004 groundwater sampling results.
February 22, 2005	Shaw submitted <i>First Three-Month Water Level Measuring Event Report, January 2005</i> . The report summarized water level elevation data collected from electronic pressure transducers installed in five water wells completed within the Chicot Aquifer. The purpose of the investigation was to determine the effects of private well pumpage on the aquifer; observe seasonal impact on groundwater levels; and determine the groundwater flow direction and gradient within the Chicot Aquifer. The transducers were installed during the period from October 4 through November 18, 2004, and were programmed to collect continuous groundwater elevation data on 15 minute intervals. The data were reported through January 4, 2005, and revealed that the Chicot aquifer is very prolific and pumping, atmospheric pressure, and rainfall has little effect upon water levels. The general groundwater flow direction was determined to be south.
April 6, 2005	During a project meeting between TCEQ and Shaw E&I, it was decided to install nine deep monitor wells in the Chicot aquifer and one deep monitor well in the Evangeline aquifer.

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May 2 through 18, 2005	May 2005 quarterly groundwater and treatment system sampling event.
May 26, 2005	Shaw submitted <i>Revised RI Planning/RI Scope Memorandum</i> . The memorandum presented a range of remedial strategies that may be applicable to the site with discussion of the relative advantages and disadvantages of each, and recommendations for collection of additional data during future RI investigations. The range of remedial strategies discussed included (1) No Further Action; (2) Institutional Controls; (3) Monitored Natural Attenuation; (4) Containment (caps & covers, subsurface horizontal barriers, and hydraulic containment); (5) In-Situ Treatment (soil vapor extraction, chemical oxidation, bioremediation, chemical reduction); and (6) Excavation. The memorandum also discussed the role of groundwater modeling in future understanding of the site and application of treatment technologies. Recommendations included acquisition of additional data including soil oxidant demand (SOD) tests, sieve analysis, polymerase chain reaction (PCR) to determine the type of bacteria in the subsurface, dissolved organic gasses, groundwater field parameters (pH, oxidation-reduction potential (ORP) and dissolve oxygen (DO) collection), soil total organic carbon (TOC), and treatability studies.
June 8 & 9, 2005	Shaw submitted access request letters for drilling, staging drilling equipment and storing investigation derived waste at multiple properties in the Jones Road area, related to installation of deep monitor wells into the Chicot Aquifer.
June 9, 2005	Shaw submitted <i>Traffic Control Plan; Chicot and Evangeline Monitor Well Installation</i> , to the Harris County Public Infrastructure Department Permitting Division for installation of seven deep monitor wells in road right-of-ways. The traffic control plan specified hours of operation, communication devices, warning signs, and locations where the proposed wells were to be installed.
June 9, 2005	TCEQ presented a community meeting to present a proposed water line installation.
June 28, 2005	The TCEQ submitted <i>Jones Road Revised Conceptual Site Model</i> to Shaw for general information about the site. The CSM provided a site description, data acquisition up to June 2005, regional geology/hydrology, initial CSM scenarios, description of exposure pathways and routes, data gaps, fate and transport characteristics, and observations supporting the revised CSM. Several model scenarios were considered, but the most likely scenario was determined to be vertical migration of PCE as dense non-aqueous phase liquid (DNAPL) to deeper aquifers, and lateral migration of dissolved phase PCE to shallow and deep aquifers.
July 28, 2005	Shaw submitted <i>Addendum to the Field Sampling Plan; June 2005</i> . The scope of the field work outlined in the addendum to the Remedial Investigation Work Plan was to further characterize the dense, non-aqueous phase liquids (DNAPL) and dissolved-phase contaminants in groundwater units at the site, and collect treatability samples for use in the feasibility study. The addendum specified sampling to be performed using standard investigative methods including geoprobe boring installation, rotosonic drilling, mud rotary drilling, and field screening using the Color-Tec method developed by Ecology and Environment, Inc.
August 4, 2005	TCEQ Community Meeting Handout.
August 4 through 16, 2005	August 2005 quarterly groundwater and treatment system sampling event.

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October 5, 2005	Shaw submitted <i>Final Groundwater Elevation Data Report, October 2004 - August 2005</i> . The report summarized water level elevation data collected from electronic pressure transducers in five water wells. This report was a continuation of the investigation reported in <i>First Three-Month Water Level Measuring Event Report, January 2005</i> (Shaw, February 22, 2005), with the extended investigation period October 2004 through August 2005. Slight water level elevation changes throughout the year were suspected to be related to pumping demand upon the aquifer during peak use seasons (summer) and less use seasons (winter). Groundwater flow direction remained unchanged to the south, with an average groundwater gradient of 0.011032 foot/foot.
October 31 through November 4, 2005	Installed deep replacement monitor well MW-11R and deep monitor well MW-19. The screen for monitor well MW-11R was installed from 249 to 269 feet bgs, and the screen for monitor well MW-19 was installed from 240 to 260 feet bgs.
November 9 through 16, 2005	November 2005 quarterly groundwater and treatment system sampling event.
February 6 through 16, 2006	February 2006 quarterly groundwater and treatment system sampling event.
February 10, 2006	Shaw received authorization from Harris County to construct a temporary water line in the road right-of-way from 11603 to 11610 Possum Hollow Lane. An application for construction was submitted by Shaw on January 31, 2006.
March 8, 2006	Wellco Services installed a temporary water line from a water well at 11610 Possum Hollow Lane to 11603 Possum Hollow Lane. The water well at 11603 Possum Hollow Lane became inoperable and the owner was not allowed to install a new well.
March 10, 2006	Wellco Services replaced a down-hole submersible pump in the water well at 11106 Tall Timbers Drive.
March 23, 2006	Shaw submitted <i>Chicot Monitor Well Installation Report; July - November 2005</i> , which documented the installation of 10 deep monitor wells MW-10 through MW-19. Monitor wells MW-10, MW-11R, MW-12 through MW-16, MW-18, and MW-19 were installed within the Chicot Aquifer. Monitor well MW-17 was installed within the upper portion of the Evangeline Aquifer. The wells were installed during intermittent periods from July 6, 2005 through November 3, 2005.
April 16, 2006	Shaw submitted <i>Draft Remedial Investigation Report</i> . The report summarized investigations performed to date at the site and identified several data gaps. The draft report was not finalized, and additional assessments were performed following submittal of the draft document prompting preparation of a second (revised) Remedial Investigation Report in 2008.
May 8 through 18, 2006	May 2006 quarterly groundwater and treatment system sampling event.
July 18 through 22, 2006	July 2006 sampling event (resampling event for May 2006 quarterly groundwater and treatment system sampling event select sample locations).
August 8 through 24, 2006	August 2006 quarterly groundwater and treatment system sampling event.
August 24, 2006	Shaw submitted <i>2006 Addendum to the Field Sampling Plan, July 2006</i> . The Addendum Field Sampling Plan (FSP) presented the additional requirements and procedures for installation of one Chicot monitoring well using rotasonic drilling; and installation of nine geoprobe soil borings.

Table 1
Chronology of Site Investigations and Significant Events
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515

Date	Event
September 7, 2006	Water well at 11234 Jones Road was diagnosed by Wellco Drilling Services and determined to need a pump replacement.
November 6 through 15, 2006	November 2006 quarterly groundwater and treatment system sampling event.
December 22, 2006	The pump and ancillary equipment in the water well at 11234 Jones Road replaced.
January 24, 2007	Shaw submitted <i>July 2006 Geoprobe Investigation, Former Bell Dry Cleaner Property, 11600 Jones Road</i> documenting the installation of nine DPT borings (GP-1A through GP-9A) to depths of approximately 50 feet bgs. Soil and groundwater samples were collected for analysis of PCE. The highest PCE concentrations were detected in soil in borings GP-2A and GP-3A behind the former dry cleaning facility (near the back door on either side of the septic system line. PCE concentrations generally increased with depth.
February 6 through 14, 2007	February 2007 quarterly groundwater and treatment system sampling event.
February 12, 2007	Shaw submitted <i>Treatability Study Work Plan</i> for conducting a bench-scale treatability study for the site. The purpose of the work plan was to describe remedial technologies and methodologies for treatability studies that would be useful for in-situ remediation of VOCs in soil and groundwater. The work plan presented treatment options using activated persulfate in-situ chemical oxidation (ISCO), potassium permanganate ISCO, bio-stimulation, bioaugmentation, and abiotic treatment using zero valent iron.
May 2, 2007	Shaw submitted <i>Attempted Well Installation, Former Bell Dry Cleaner Property, 11600 Jones Road</i> documenting failed attempts to install a deep monitor well in the source area in July 2006. The well was proposed to determine the extent and concentrations of PCE in soil and groundwater below the source area and to provide a well for future monitoring, application of treatment reagents, or to provide a groundwater withdrawal point for extraction and treatment of groundwater. The original plan was to install a well to a depth of approximately 320 feet bgs. However, the drilling method (Rotasonic) was not successful due to drill pipe failure during attempted installation of well RS-1 (107 feet bgs total depth), and RS-2 (97 feet bgs total depth). Soil samples were collected but water samples were not. PCE was detected in samples to a depth of 82 feet bgs, with the highest concentrations detected at 45 feet bgs. No PCE was detected between 82 feet bgs and 107 feet bgs (total depth of investigation). However, heat generated during drilling may have liberated VOCs from the soil samples. No dense non-aqueous phase liquid (DNAPL) was detected during the sampling event.
May 3, 2007	TCEQ community meeting slide presentation.
May 7 through 16, 2007	May 2007 quarterly groundwater and treatment system sampling event.
May 18, 2007	The steel down-hole pump conductor tubing was removed and replaced with PVC conductor tubing in the water well located at 11107 Timbercrest. The steel tubing was corroded and had a nickel-sized hole in one of the tubing joints. The old tubing was subsequently disposed after confirmation rinsate sampling.
July 20, 2007	Shaw submitted <i>Vapor Intrusion Study Work Plan</i> for performing a vapor intrusion study at the former Bell Dry Cleaner site at 11600 Jones Road. The work plan proposed collection of two ambient air vapor samples within the former dry cleaning facility, and collection of two sub-slab vapor samples from two shallow soil borings installed immediately below the facility floor.

Table 1
Chronology of Site Investigations and Significant Events
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515

Date	Event
August 7 through 13, 2007	August 2007 quarterly groundwater and treatment system sampling event.
October 4, 2007	Shaw submitted <i>JR11600 Pre-Design Information</i> , which included a letter report, field notes, water flow diagram, meter readings taken August 6-10, 2007, photographic documentation of the public water supply system, and historical analytical results for the water well located at 11600 Jones Road.
October 16, 2007	Shaw submitted <i>Final Treatability Report</i> documenting a bench-scale treatment study performed on select soil and groundwater samples collected at the 11600 Jones Road site. The study included applications of ISCO, bio-stimulation/bioaugmentation, and abiotic treatment using zero-valent iron. The study concluded that ISCO using potassium permanganate would be most effective for removing source area PCE, and that bio-stimulation/bioaugmentation could be used to treat deeper zones.
November 5 through 14, 2007	November 2007 quarterly groundwater and treatment system sampling event.
November 12, 2007	Shaw submitted <i>Deep Monitor Well Gauging and Rainfall Data</i> report, which documented alternate-week groundwater gauging of ten deep monitor wells in the Jones Road area during the months of March through August 2007. The report also documented rainfall data from a local rainfall data collection station during the months of January 2006 through August 2007.
December 11 & 12, 2007	Meeting in Austin, Texas between Shaw, TCEQ, USGS, and EPA to define the Remedial Investigation outline and discuss installation of source area monitor wells, pilot-scale treatment study, vapor intrusion study, baseline risk assessment, post waterline groundwater monitoring, preparation of a conceptual site model (CSM), and groundwater modeling.
December 13, 2007	Site walk by Shaw to determine potential locations for conducting a pilot study and for installation of source area monitor wells.
December 17, 2007	Shaw submitted a memo <i>Groundwater Model Required Parameters</i> that identified input parameters required to construct, calibrate, and run a groundwater flow and transport model for the Jones Road site.
February 4 through 13, 2008	February 2008 quarterly groundwater and treatment system sampling event.
May 5 through 14, 2008	May 2008 quarterly groundwater and treatment system sampling event.
June 6, 2008	Shaw submitted <i>Revised Draft Pilot Test Work Plan</i> . The work plan outlined treatment technologies of in-situ chemical oxidation using sodium permanganate, and in-situ bioaugmentation in two locations within the source area, at depths approximately 22 to 37 feet bgs. The work plan also described field methods to implement them in two treatment studies.
June 11, 2008	Shaw submitted <i>Design Information - TCEQ Small Public Water System (PWS)</i> . The report documented an engineered design of the proposed GAC filtration system to be installed at 11600 Jones Road.
June 24, 2008	Shaw submitted <i>Groundwater Model Identification Report</i> .
May 15, 2008	TCEQ community meeting slide presentation.

Table 1
Chronology of Site Investigations and Significant Events
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Harris County, Texas
Shaw Project Number 134515

Date	Event
May 29, 2008	Shaw submitted <i>Source Area Conceptual Site Model</i> . The CSM presented cross sections through the source area, showing the subsurface lithology and distribution of contaminants near the former Bell facility. The CSM supports previous theories of downward migration of NAPL beneath the Bell facility, with dispersion of dissolved-phase PCE within the permeable sand and silt zones.
July 24, 2008	Shaw submitted a <i>Vapor Intrusion Study</i> .
August 19, 2008	Shaw completed construction of a comprehensive database of soil and groundwater data for the site.
August 29, 2008	Shaw submitted a <i>Regional Conceptual Site Model</i> .
August 29, 2008	Shaw submitted a <i>Baseline Risk Assessment Report</i> .

**Table 2
Well Information
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515**

Station Location	Well Type ⁽¹⁾	Physical Address	Date Installed	Material	Diameter (inches)	Total Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Ground Surface (ft MSL)	Max PCE (µg/L)	First Date > MCL	Well Report # ⁽²⁾	Yield (gpm)	Comment
AD11502	Domestic	11502 Advance								ND				
AD11511	Domestic	11511 Advance	10/20/78	plastic		223	213	223		ND				
AD11603	Domestic	11603 Advance	10/28/99	PVC	6.75, 4", 2.5" Screen	343	275	285		ND		120080	65	
AD11619	Domestic	11619 Advance	7/11/84	PVC		225	215	225		ND				
AD11702	Domestic	11702 Advance	4/20/80	PVC		212	202	212		ND				
AD11714	Domestic	11714 Advance	5/31/77	plastic		241	231	241		ND				
AD11903	Domestic	11903 Advance	10/24/87	PVC		260	250	260					20	
AD11903	Domestic	11903 Advance	9/22/77	plastic		260	240	260						
AD11910	Domestic	11910 Advance	8/16/77	plastic		233	223	233						
AD12003	Domestic	12003 Advance	7/19/96	PVC		232	216	232						
AD12114	Domestic	12114 Advance	2/19/76	plastic		235	225	235					150	
AD12114	Domestic	12114 Advance	10/15/82	PVC		227	217	227						
AD12202	Domestic	12202 Advance	2/26/79	plastic		222	212	222						
Archwood 12715	Domestic	12715 Archwood	1/9/04	plastic	7.75, 4, 2.5" screen	328	288	318				127852	30	
Autumn Meadow	Public Supply	10606 Autumn Meadow	3/19/05	Steel, SS	35, 30, 26, 20, 14" screen	1330	693	1330				56949	1500	White Oak Bend MUD #2
Bent Pine 12530	Domestic	12530 Bent Pine												
Beverly 11626	Domestic	11626 Beverly	1/5/00	PVC		220	210	220						
Beverly 11834	Domestic	11834 Beverly	1/24/94	PVC		240	235	240					15	
Beverly 11835	Domestic	11835 Beverly	10/6/73	plastic		214								
Beverly 11935	Domestic	11935 Beverly	8/24/72	plastic		210	200	210						
Beverly 12003	Domestic	12003 Beverly	8/29/72	plastic		210	200	210						
Beverly 12011	Domestic	12011 Beverly	8/31/72	plastic		213	203	213						
Beverly 12019	Domestic	12019 Beverly	9/2/93	PVC		230	215	230					12	
Beverly 12118	Domestic	12118 Beverly	9/6/00	PVC		270	260	270					80	
Beverly 12139	Domestic	12139 Beverly	10/29/83	PVC		213	203	213						
BH11602	Domestic	11602 Bexhill												
BH11603	Domestic	11603 Bexhill								ND				
BH11614	Domestic	11614 Bexhill	3/6/75	plastic		236	226	236		ND				
BH11710	Domestic	11710 Bexhill	6/26/84	PVC		225	215	225		ND				
BH11711	Domestic	11711 Bexhill	5/14/68	steel		225	217	225					25	
BH11803	Domestic	11803 Bexhill	6/21/90	plastic		225	215	225						
BH11810	Domestic	11810 Bexhill	10/20/98	PVC		258	248	258					35	
BH11908	Domestic	11908 Bexhill	8/11/93	PVC		235	244	235					40	
BH11910	Domestic	11910 Bexhill	10/17/97	PVC		292	280	292						
BH12002	Domestic	12002 Bexhill	1/28/85	PVC		255	245	255						
BH12007	Domestic	12007 Bexhill	6/23/79	plastic		222	212	222						
BH12102	Domestic	12102 Bexhill	8/8/03	PVC	7.75, 4", 2.5" screen	320	310	320				24058	20	
BH12103	Domestic	12103 Bexhill	9/1/94	PVC		264	254	264					40	
BH12111	Domestic	12111 Bexhill	3/26/79	plastic		175	165	175						
BL10810	Irrigation	10810 Barely Lane								17	2/15/04			BL10770 well P&A, water from MUD
BL10818	Domestic	10818 Barely Lane												
BL10818A	Domestic	10818-A Barely Lane								0.5				
BL10819	Domestic	10819 Barely Lane								ND				
BL10825	Commercial	10825 Barely Lane								ND				
Cathy 11826	Domestic	11826 Cathy	8/26/87	PVC		250	240	250					30	

**Table 2
Well Information
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515**

Station Location	Well Type ⁽¹⁾	Physical Address	Date Installed	Material	Diameter (inches)	Total Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Ground Surface (ft MSL)	Max PCE (µg/L)	First Date > MCL	Well Report # ⁽²⁾	Yield (gpm)	Comment
Cathy 11903	Domestic	11903 Cathy	12/14/95	PVC		230	218	230					40	
Cathy 11911	Domestic	11911 Cathy	10/14/71	plastic		210	200	210					20	
Cathy 11911	Domestic	11911 Cathy	10/19/71	plastic		210	200	210						
Cathy 11923	Domestic	11923 Cathy	7/2/91	PVC		255	245	255					45	
Cathy 12003	Domestic	12003 Cathy	6/4/84	PVC		220	210	220						
Cathy 12011	Domestic	12011 Cathy	4/11/77	plastic		217	207	217						
Cathy 12027	Domestic	12027 Cathy	10/29/79	PVC		222	212	222						
Cathy 12103	Domestic	12103 Cathy	10/11/76	plastic		227	207	227						
Cathy 12111	Domestic	12111 Cathy	1/19/99	plastic		271	261	271					40	
Cathy 12119	Domestic	12119 Cathy	10/4/82	PVC		210	200	210						
Cathy 12134	Domestic	12134 Cathy	10/30/84	PVC		220	210	220						
Cathy 12979	Domestic	12979 Cathy	9/23/94	PVC		167	157	167					40	
Cathy 13010	Domestic	13010 Cathy	8/11/95	PVC		315	305	315					45	
Cathy 13012	Domestic	13012 Cathy	8/31/77	plastic		160	150	160						
Cathy 13012	Domestic	13012 Cathy	10/15/97	PVC		310	310	330						
Cathy 13019	Domestic	13019 Cathy	8/9/88	PVC		326	318	326					12	
Cathy 13023	Domestic	13023 Cathy	8/27/84	PVC		163	153	163						
Chuckson 11719	Domestic	11719 Chuckson	6/8/99	PVC	6.75	260	240	260						
Cicero 14123	Domestic	14123 Cicero	1/4/05		7.75, 4, 2.5" screen	285	255	285				51465	40	
CNN# P0690	Public Supply	1/2 mile NW of Jones RD & 100 yards SE of West Road	12/2/83	steel, SS	30", 18", 12" blank / screen	1385	899	1370				PWS 1010016C		behind park and Ride lot at West Rd and Castlebridge Dr.
CP11510	Domestic	11510 Campos Drive	8/18/00	PVC		540	516	540		ND				
CP11610	Domestic	11610 Campos Drive	9/23/91	PVC		242	227	242		ND				
CP11650	Domestic	11650 Campos Drive	9/8/98	PVC		290	275	290		ND				
CP11710	Domestic	11710 Campos Drive								ND				
CP11711	Domestic	11711 Campos Drive	11/29/93	PVC		240	236	240		ND			15	
CP11718	Domestic	11718 Campos Drive	11/27/71	plastic		226	216	226		ND			20	
CP11803	Domestic	11803 Campos Drive	11/15/93	PVC		262	252	262					40	
CP11803	Domestic	11803 Campos Drive	7/9/94	PVC		260	250	260					50	
CP11804	Domestic	11804 Campos Drive	7/15/70	plastic		230	220	230					25	
CP11807	Domestic	11807 Campos Drive	4/26/96	PVC		230	210	230						
CP12102	Domestic	12102 Campos Drive	6/15/89	PVC		238	228	238						
CP12110	Domestic	12110 Campos Drive	4/14/78	plastic		228	213	228						
CP12118	Domestic	12118 Campos Drive	9/9/87	PVC		228	218	228						
Cypress N. Houston	Public Supply	Jones Road and Cypress N. Houston	3/5/02	Steel	9.875, 5.875, 4.5" screen	484	428	472				6642	150	Cypress Community Christian School, Multiple screen intervals
Cypress N. Houston	Domestic	12439 Cypress N. Houston	10/3/06	PVC	7.25, 4, 2.5" screen	285	265	285				94387	35	
Derwent 11826	Domestic	11826 Derwent Lane	2/29/08	PVC	5.5, 2" screen	115	105	115				135952	10	
Derwent 11902	Domestic	11902 Derwent Lane	2/5/02	PVC	7.25, 4, 2.5" screen	285	275	285				4838	35	
Derwent 11909	Domestic	11909 Derwent Lane	10/5/07	plastic	5.5, 2" screen	117	107	117				124600	10	
DK11503	Domestic	11503 Dakar Drive								ND				
DK11603	Domestic	11603 Dakar Drive	11/23/99	PVC		260	240	260		ND				
DK11611	Domestic	11611 Dakar Drive	2/23/81	PVC		243	233	243		ND				
DK11619	Domestic	11619 Dakar Drive												
DK11702	Domestic	11702 Dakar Drive	5/10/07	PVC	4" casing, 2.5" screen	272	250	270		ND		112016	40	Artesian flow noted in Well Report
DK11703	Domestic	11703 Dakar Drive								ND				

**Table 2
Well Information
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515**

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DK11707	Domestic	11707 Dakar Drive	2/4/94	PVC		232	217	232		ND				
DK11710	Domestic	11710 Dakar Drive	10/29/79	plastic		242	232	242		ND				
DK11718	Domestic	11718 Dakar Drive	2/4/97	PVC	6.75	255	235	245		ND				
DK11719	Domestic	11719 Dakar Drive								ND				
DK11803	Domestic	11803 Dakar Drive												
DK11903	Domestic	11903 Dakar Drive	5/31/96	PVC		232	218	232						
DK11904	Domestic	11904 Dakar Drive	3/10/78	plastic		230	215	230						
DK11905	Domestic	11905 Dakar Drive	7/25/73	steel		248	233	248						
DK11907	Domestic	11907 Dakar Drive	5/12/73	plastic		250	235	250						
DK12002	Domestic	12002 Dakar Drive	12/5/73	plastic		222							1200	
DK12006	Domestic	12006 Dakar Drive	8/5/93	PVC		300	270	285					25	
DK12014	Domestic	12014 Dakar Drive	11/24/81	PVC		227	217	227						
DK12106	Domestic	12106 Dakar Drive	3/27/98	PVC		236	221	236						
DK12114	Domestic	12114 Dakar Drive	6/7/96	PVC		260	250	260					40	
DK12115	Domestic	12115 Dakar Drive	6/10/05	PVC	6.5, 4", 2.5" Screen	265	255	265				61971	40	
DK12118	Domestic	12118 Dakar Drive	5/11/78	plastic		226	216	226						
DM11502	Domestic	11502 Dermott Drive								ND				
DM11506	Domestic	11506 Dermott Drive	3/11/85	PVC		215	205	215		ND				
DM11507	Domestic	11507 Dermott Drive								ND				
DM11509	Domestic	11509 Dermott Drive								ND				
DM11510	Domestic	11510 Dermott Drive	8/6/02	PVC	7.25, 4", 2"	275	255	275				12471	30	
DM11513	Domestic	11513 Dermott Drive	11/23/77	plastic		225	215	225		ND				
DM11515	Domestic	11515 Dermott Drive	7/26/72	plastic		180	170	180		ND				
DM11715	Domestic	11715 Dermott Drive	3/28/00	PVC		290	250	260		ND			20	
DM11718	Domestic	11718 Dermott Drive												
DM11802	Domestic	11802 Dermott Drive	7/23/90	PVC		290	280	290					60	
DM11815	Domestic	11815 Dermott Drive	11/18/81	PVC		244	234	244						
DM11903	Domestic	11903 Dermott Drive	10/6/95	PVC		240	225	240						
DM12003	Domestic	12003 Dermott Drive	5/1/78	plastic		238	228	238						
DM12011	Domestic	12011 Dermott Drive												
DM12103	Domestic	12103 Dermott Drive	9/7/78	plastic		228	218	228						
DM12114	Domestic	12114 Dermott Drive	12/6/96	PVC		332	315	332						
DM12115	Domestic	12115 Dermott Drive	5/23/77	plastic		221	211	221						
Eldridge 12414	Domestic	12414 N. Eldridge	10/20/03	PVC	7.5, 4, 3.875, 2.5" screen	260	213	233				33262	20	
Eldridge 12610	Domestic	12610 N. Eldridge	7/28/04	PVC	7, 4, 2.5" Screen	337	327	337				42043	40	
Eldridge 12745	Domestic	12745 N. Eldridge Parkway	8/12/02	PVC	6.75, 4, 2.5" screen	313	293	313				13415	50	V.N. Builders
Eldridge 12750	Domestic	12750 N. Eldridge Parkway	4/12/03	PVC	8, 5, 3" screen	320	300	320				19908	60	
ES11610	Domestic	11610 Echo Spring Lane	3/26/97	PVC	6.75	291	280	290		ND			40	
ES11627	Domestic	11627 Echo Spring Lane								7.1	2/15/05			
ES11630	Domestic	11630 Echo Spring Lane								1.9				
ES11643	Domestic	11643 Echo Spring Lane	11/4/92	PVC	6.75, 3.875	262	252	262		1.3			30	
ES11703	Domestic	11703 Echo Spring Lane	3/25/87	PVC	6.75, 3.875	224	214	224		ND				Sampled as GW-52
ES11713	Domestic	11713 Echo Spring Lane								ND				
ES11718	Domestic	11718 Echo Spring Lane	10/2/84	PVC	6.75	225	215	225		ND				
ES11730	Domestic	11730 Echo Spring Lane				220				ND				
ES11739	Domestic	11739 Echo Spring Lane												

**Table 2
Well Information
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515**

Station Location	Well Type ⁽¹⁾	Physical Address	Date Installed	Material	Diameter (inches)	Total Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Ground Surface (ft MSL)	Max PCE (µg/L)	First Date > MCL	Well Report # ⁽²⁾	Yield (gpm)	Comment
Fallbrook 11800	Public Supply	11800 Fallbrook	9/14/06	SS	30", 24", 18" Screen	1352	793	1352				95697	1500	Harris County Well #3
FB11502	Domestic	11502 Foxburo Drive	1/18/94	PVC		222	202	222		ND				
FB11514	Domestic	11514 Foxburo Drive	1/17/90	PVC		260	245	260					12	
FB11607	Domestic	11607 Foxburo Drive	3/26/99	PVC		230	215	230		ND				
FB11610	Domestic	11610 Foxburo Drive	10/1/95	PVC		255	240	255		ND			35	
FB11614	Domestic	11614 Foxburo Drive	5/4/79	plastic		221	211	221		ND			11.8	
FB11702	Domestic	11702 Foxburo Drive	6/29/87	PVC		226	211	226						
FB11806	Domestic	11806 Foxburo Drive	4/13/06	PVC	6.75, 4", 2.5" screen	240	225	240				81947	40	
FB11810	Domestic	11810 Foxburo Drive	10/1/98	PVC		275	265	275					60	
FB11811	Domestic	11811 Foxburo Drive	7/16/96	PVC		230	220	230					40	
FB12010	Domestic	12010 Foxburo Drive	7/14/82	PVC		230	220	230						
FB12114	Domestic	12114 Foxburo Drive	9/12/70	plastic		230	220	230					20	
FB12115	Domestic	12115 Foxburo Drive	3/30/98	PVC		270	250	270						
Fern Drive 14225	Domestic	14225 Fern Drive	1/21/83	PVC	5	135	125	135						
FM1960 10815	Irrigation	10815 FM 1960 #5	5/28/02	PVC	6.75, 4, 2.5" screen	305	280	305				7722		Houston Garden Center
FM1960 10950	Monitor	10950 FM-1960	12/7/01	PVC	2" screen	30	10	30				4237		Convenience Store
FM1960 2929	Domestic	2929 FM-1960	2/20/04	PVC	7.25, 4", 2.5" Screen	305	285	305				79282	40	
FV11014	Commercial	11014 Forest Valley Drive	6/4/99	PVC		260	240	260		590	4/30/02			Highest PCE concentration for all water wells
FV11022	Commercial	11022 Forest Valley Drive	9/19/74	PVC	3.25	195	185	195		64.8	4/30/02		6	Sampled as GW-22
FV11023	Domestic	11023 Forest Valley Drive								240	4/30/02			Sampled as GW-36
FV11025	Domestic	11025 Forest Valley Drive								7.3	5/15/04			Filtration system installation refused by owner
FV11102	Domestic	11102 Forest Valley Drive	1/12/71	SS		224	214	224		6.3	8/15/03			Filtration system installation refused by owner
FV11110	Domestic	11110 Forest Valley Drive								0.98				
FV11115	Domestic	11115 Forest Valley Drive												Sampled as GW-25
FV11118	Irrigation	11118 Forest Valley Drive	6/9/77	PVC	6.75	240	230	240		ND				Sampled as GW-24
FV11123	Domestic	11123 Forest Valley Drive								ND				
FV11127	Domestic	11127 Forest Valley Drive	9/10/00			280	270	280		ND				
FV11129	Domestic	11129 Forest Valley Drive	9/10/00	PVC		280	270	280					25	
FV11130	Domestic	11130 Forest Valley Drive	12/7/77	PVC	6.75	246	236	246		45	4/30/02			Sampled as GW-26
FV11135	Domestic	11135 Forest Valley Drive	6/16/99	plastic		268	258	268		ND			12	
FV11202	Domestic	11202 Forest Valley Drive								ND				Sampled as GW-27
FV11203	Domestic	11203 Forest Valley Drive	9/6/78	Plastic	6.75, 3.875	228	218	228		ND				Sampled as GW-28
FV11210	Domestic	11210 Forest Valley Drive								ND				Filter added by owner 2-06
FV11214	Domestic	11214 Forest Valley Drive	3/15/83	PVC	6.75, 3.875	226	216	226						
FV11215	Domestic	11215 Forest Valley Drive	8/10/90	PVC	6.75	230	220	230		ND				Sampled as GW-31, filter added by owner 2-06
FV11226	Domestic	11226 Forest Valley Drive								ND				
FV11231	Domestic	11231 Forest Valley Drive								2.6				
FV11302	Domestic	11302 Forest Valley Drive								ND				
FV11306	Domestic	11306 Forest Valley Drive								ND				
FV11314	Domestic	11314 Forest Valley Drive												Obtains water from FV11306
FV11315	Domestic	11315 Forest Valley Drive								ND				
FV11317	Domestic	11317 Forest Valley Drive	6/28/69	Steel	4	185	175	185					7	

**Table 2
Well Information
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515**

Station Location	Well Type ⁽¹⁾	Physical Address	Date Installed	Material	Diameter (inches)	Total Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Ground Surface (ft MSL)	Max PCE (µg/L)	First Date > MCL	Well Report # ⁽²⁾	Yield (gpm)	Comment
FV11319	Domestic	11319 Forest Valley Drive								ND				
FV11322	Domestic	11322 Forest Valley Drive	12/12/91	PVC	6.75	250	240	250		ND				
FV11326	Domestic	11326 Forest Valley Drive								ND				
G1010016	Public Supply	Seattle Street at Solomon	12/12/86		30" casing to 40 feet	1452	934	1390				PWS 1010016		2 Geophysical logs by Layne Western Company
G1010130	Public Supply	Forest Cove Drive near Oak Hollow Drive					365	375						Three Wells, A, B, and C
G1010237A	Public Supply	Marrs Drive Near Dakar Drive					291	1108						
G1010237B	Public Supply	Marrs Drive Near Dakar Drive	6/27/72		7.875" borehole	672			125			PWS 1010237B		Geophysical log by Layne Texas Company, HCFWD61 #2
G1010237C	Public Supply	Greenwater Drive at Hammond Drive												
G1010254	Domestic	West of Jones Rd between Cypress Pl and Woodedge					383	406						
G1010430A	Public Supply	W. Cypress Forest Dr. @ Lynn	10/1/69		15", 10.75", 6" screen	510	560	408	132			PWS 1010430	250	CCUD #1
G1010430B	Public Supply	W. Cypress Forest Dr. @ Lynn	2/12/72	SS	16" casing, 10" SS screen	1252	740	994				PWS 1010430	1319	Well #2, multiple screen intervals 160' total
G1010430C	Public Supply	East side of Copeland Dr. south of Grant Rd	2/11/88	steel, SS	30", 20", 14" SS screen	1315	730	1214				PWS 1010430	383	Well, #2, Geophysical log by Alsay, multiple screen intervals 232' total
G1010447C	Public Supply	End of Old Hickory Drive off Ravensway Drive	12/9/97		casing to 38'	969	580	890	138			PWS 1010447C		Well # 1A, geophysical log by Layne Texas
G1010494	Public Supply	Off Cedar Point Drive near Gardenglen Drive					429	982						
G1010541A	Public Supply	Woodedge and FM-1960					770	1060						
G1010541B	Public Supply	Woodedge and FM-1960												
G1010541C	Public Supply	Woodedge and FM-1960					455	876						
G1010600	Domestic	Unknown Location												
G1010622	Public Supply	Vernon Road between Westgate and Westover					211	239						
G1010629	Domestic	East side of Eldridge Pkwy, north of Cypress N. Houston					240	260						
G1010872	Domestic	Perry Road at Autumn Forest Drive												
G1010887	Domestic	Location not known					240	260						
G1010920	Public Supply	12502 Creekway Drive	8/31/94		8.5, 4.75, 5", 2.5" screen	385	265	345				PWS 1010920	70	
G1011093	Industrial	East of Gessner, South of Mills, by Power Plant												Four Wells, A, B, C, and D
G1011107A	Public Supply	Appleridge Drive near Copper Mill Drive					778	1116						Well A
G1011107B	Public Supply	Millvan Drive at Vandercroft Court	1/15/86				640	655						Well B

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G1011238	Public Supply	Golden Sunshine Drive at Autumn Meadows Lane					440	730						
G1011359	Commercial	North side of FM-1960 West of Jones Road												
G1011408	Public Supply	11711 Cypress N. Houston	7/16/02	PVC	11.5, 5, 3" screen	285	265	285				11450	125	Cypress Bible Church
G1011798	Public Supply	Gold Point Drive East of Jones Road												
G1011851	Commercial	West side of Jones Road, North of FM-1960					355	375						
G1012247	Commercial	North-NE corner Fallbrook Drive and FM-1960					360	380						
G1012455	Commercial	Northwest corner of Jones Road and FM-1960					282	302						
G1012740	Public Supply	Cypresswood Dr. off SH-249	2/1/91	steel, SS	24", 18" blank and screen	1365	514	810				PWS 1012740		geophysical log by Alsay, Inc., multiple screen intervals 198' total
G1012858A	Public Supply	West of Willowbridge Park Blvd, off utility easement					766	1191						Well A
G1012858B	Public Supply	at end of Mossy Tree Lane off Little Branch Drive					777	1340						Well B
G1012882	Public Supply	Sam Houston Race Park in the SW corner	10/1/93	steel, SS	30", 20" blank, 18" screen	1278	515	984				PWS 1012882	1804	multiple screen intervals 318' total, geophysical log available
G1012903	Commercial	East side of Jones Road, South of FM-1960												
G1012932	Domestic	Corner of Mills Road and Perry/Old Jackrabbit					275	291						
G1013089A	Irrigation	At Heron Lakes Golf Course					645	750						Well #1
G1013089B	Public Supply	At Gessner Road and Heron Nest Drive					850	909						Well #2
GL11218	Domestic	11218 Glenora Drive	11/4/72	plastic		232	222	232					13	
GL11302	Domestic	11302 Glenora Drive								ND				
GL11310	Domestic	11310 Glenora Drive	1/21/99	PVC		280	255	265		ND			20	
GL11402	Domestic	11402 Glenora Drive	7/30/92	PVC		205	195	205		ND				
GL11422	Domestic	11422 Glenora Drive	9/21/93	PVC		243	233	243		ND			40	
GL11502	Domestic	11502 Glenora Drive	7/12/96	PVC		248	238	248		ND			40	
GL11503	Domestic	11503 Glenora Drive	10/31/77	plastic		225	215	225		ND				
GL11506	Domestic	11506 Glenora Drive								ND				
GL11514	Domestic	11514 Glenora Drive								ND				
GL11606	Domestic	11606 Glenora Drive								ND				
GL11614	Domestic	11614 Glenora Drive								ND				
GL11622	Domestic	11622 Glenora Drive								ND				
GL11702	Domestic	11702 Glenora Drive								ND				
Harms 7536	Commercial	7536 Harms Road	1/4/02	PVC	6.75, 4, 2.5" screen	335	320	335				4496	50	MW Rogers Construction
HCMUD130 Well #1	Public Supply	1/2 mile S of Jackrabbit Rd & 1/4 mile E of West Rd	11/9/83	SS	20" casing, 14" blank / screen	944	554	929				PWS 1012097A	1123	multiple screen intervals 148' total
HCMUD130 Well #2	Public Supply	South of US-290 and west of Eldridge	3/15/96	steel, SS	16" casing, 10" screen	358	290	346				PWS 1012097B	600	G1012097
HCMUD130 Well #3	Public Supply	N. Eldridge Parkway near Paddock Way	11/24/03	steel, SS	22", 16", 10.75" blank / screen	421	272	352				31605	403	multiple screen intervals 58' total

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Iberia 11503	Domestic	11503 Iberia Drive	12/6/06	PVC, galv, SS	6.75, 4, 3.875 2.5" screen	285	275	285				134863	30	
Illene 11651	Domestic	11651 Illene Drive	1/14/03	Plastic	7, 4, 2.5" Screen	400	380	400				30938	15	
JR @ WE	Domestic	Jones Road @ Woodedge Drive	2/2/79	Plastic	6.5	262	252	262						
JR10680	Irrigation	10680 Jones Road	2/5/96	PVC		250	240	250						
JR11010	Irrigation	11010 Jones Road	7/5/97	PVC	7.875, 4.75	300	280	300		ND			75	Sampled as GW-12, Irrigation Well
JR11010	Domestic	11010 Jones Road	2/28/86	PVC	6.75	240	230	240		ND			20	Domestic Well
JR11035	Public Supply	11035 Jones Road				375					PWS 10112252			Sampled as GW-54, Schlotzky's Deli
JR11043	Domestic	11043 Jones Road								ND				
JR11050	Domestic	11050 Jones Road												Sampled as GW-33
JR11414	Commercial	11414 Jones Road	7/23/96	PVC	6.75, 3.875	310	296	310		ND				
JR11427	Commercial	11427 Jones Road				226				50.4	4/30/02			Sampled as GW-49
JR11503	Commercial	11503 Jones Road								5.7	5/6/04			No filtration system
JR11515	Commercial	11515 Jones Road								1.2				Owner requested no further sample collection
JR11526	Domestic	11526 Jones Road								1.8				
JR11527	Domestic	11527 Jones Road	4/5/78	Plastic	6.75	226	216	226		190	2/15/04			
JR11528	Commercial	11528 Jones Road								9.6	2/15/06			Sampled as GW-05/06, obtains water from JR11526
JR11535	Commercial	11535 Jones Road								140	4/30/02			Sampled as GW-11
JR11600	Public Supply	11600 Jones Road	12/28/84	Plastic, Gal Steel	6.75, 3.875	238	208	238		7.1			55	Bell Facility, sampled as GW-14 Cypress Shopping Center
JR11614	Commercial	11614 Jones Road								42.5	8/15/03			
JR11620	Commercial	11620 Jones Road							128.1	1.1				
JR11622	Domestic	11622 Jones Road				180	173	180						
JR11642	Commercial	11642 Jones Road								28	2/15/04			
JR11646	Commercial	11646 Jones Road								ND				
JR11650	Commercial	11650 Jones Road								ND				
JR11655	Commercial	11655 Jones Road								5.3	5/6/04			Not on summary sheet
JR11663	Commercial	11663 Jones Road								ND				
JR11702	Commercial	11702 Jones Road								ND				
JR11707	Domestic	11707 Jones Road								ND				Well shared by 11711, 11715, and 11719 Jones Road
JR11718	Irrigation	11718 Jones Road								ND				2004 well survey
JR11729 1/2	Domestic	11729 1/2 Jones Road	12/16/96	PVC	6.75	350	275	285		ND				
JR11731	Commercial	11731 Jones Road	1/17/83	PVC	6.75	236	226	236						
JR11745	Commercial	11745 Jones Road												
JR11911	Domestic	11911 Jones Road	3/30/80	Plastic	6.75, 3.875	226	211	226					19.5	
JRW11040	Domestic	11040 Jones Road West												Obtains water from MUD, well unused
JRW11050	Commercial	11050 A Jones Road West								ND				Address has 2 bldgs; A&B
JRW11107	Commercial	11107 Jones Road West								ND				
JRW11203	Commercial	11203 Jones Road West								ND				Sampled as GW-35
JRW11206	Domestic	11206 Jones Road West								ND				Also known as JRW11202
JRW11210	Commercial	11210 Jones Road West	11/23/81	PVC		227	217	227						Shared by 11214 Jones Road West
JRW11215	Domestic	11215 Jones Road West								ND				

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JRW11218	Commercial	11218 Jones Road West	6/1/82	PVC		220	210	220						
JRW11222	Domestic	11222 Jones Road West								ND				Shares well with JRW11206
JRW11234	Commercial	11234 Jones Road West				210	205	210	126.8	ND				Shares well with JRW11226, elevation is top of casing
JRW11311	Commercial	11311 Jones Road West												One well shared, commercial center
JRW11350	Commercial	11350 Jones Road West	10/28/93	PVC		210	200	210						
JRW11351A	Domestic	11351A Jones Road West								ND				
JRW11352	Domestic	11352 Jones Road West								ND				
JRW11354	Domestic	11354 Jones Road West								ND				
JRW11358	Domestic	11358 Jones Road West								ND				
Lake Forest 12717	Domestic	12717 Lake Forest Drive	8/9/07	PVC	6.75, 4, 3.875	260	244	260				120034	35	
Lakeview	Domestic	7062 Lakeview Haven Drive	4/13/83	PVC	6.5, 3.875	238	223	238						
Lennington 12007	Domestic	12007 Lennington	7/17/06	plastic	7.75, 4, 2.5" screen	315	295	315				92476	40	
lots 59/60	Domestic	lots 59/60 in Edgewood	7/21/72	Plastic	6	230	219	229						
LouEdd 10031	Domestic	10031 Lou Edd Road	10/27/07	PVC	6.75, 4", 2.5" screen	295	280	295				128544	50	
LouEdd 9915	Domestic	9915 Lou Edd Road	10/21/05	PVC	7, 4", 2.5" screen	296	286	296				105470	40	
Marcia 11802	Domestic	11802 Marcia	2/8/78	plastic		180	170	180						
Marcia 11835	Domestic	11835 Marcia	2/13/78	plastic		180	170	180						
Marcia 11902	Domestic	11902 Marcia	3/14/79	plastic		180	170	180						
Marcia 11911	Domestic	11911 Marcia	11/24/71	plastic		210	200	210					20	
Marcia 11918	Domestic	11918 Marcia	4/12/99	PVC		290	275	290						
Marcia 11919	Domestic	11919 Marcia	6/1/02	PVC	6.75, 4, 2.5" screen	285	265	285				8779	80	
Marcia 12011	Domestic	12011 Marcia	6/17/75	plastic		210	200	210						
Marcia 12102	Domestic	12102 Marcia	8/1/84	PVC		216	206	216						
Marcia 12110	Domestic	12110 Marcia	7/18/90	PVC		240	230	240						
Marcia 12118	Domestic	12118 Marcia	7/9/69	steel		230	220	230					25	
Marcia 12126	Domestic	12126 Marcia	4/12/94	PVC		260	250	260					50	
Marcia 12134	Domestic	12134 Marcia	10/9/89	PVC		252	242	252						
Marcia 12135	Domestic	12135 Marcia	6/2/86	PVC		218	208	218						
McCamey 21507	Domestic	21507 McCamey	8/5/06		7.25, 4, 2.5" screen	275	255	275				92340		
Meadow Vista 8903	Domestic	8903 Meadow Vista Court	9/30/05	PVC	7.5, 4, 2.5" screen	260	245	260				71193	50	
Meadow Vista 8918	Domestic	8918 Meadow Vista Court	9/17/03	PVC, galv, SS	6.75, 4, 3.875, 2.5" screen	263	253	263				101489	25	
MI11502	Domestic	11502 Mile Drive								ND				
MI11507	Domestic	11507 Mile Drive								ND				
MI11510	Domestic	11510 Mile Drive								ND				
MI11515	Domestic	11515 Mile Drive								ND				
MI11603	Domestic	11603 Mile Drive								ND				
MI11611	Domestic	11611 Mile Drive								ND				
MI12107	Domestic	12107 Mile Drive	10/16/03	PVC	6.75, 4, 2.5" screen	339	329	339				26956	50	

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MI12304	Domestic	12304 Mile Drive	9/2/04	PVC	7.25, 4", 2" screen	240	220	240				51442	30	
Montrose 4409	Domestic	4409 Montrose #213	7/1/82	PVC	6.75	220	210	220						
Moosehead 11922	Domestic	11922 Moosehead Lane	7/18/03	PVC, galv, SS	6.75, 4, 3.875, 2.5" screen	265	255	265				37255	20	
MW-1	Monitor	11600 Jones Road	11/7/01	PVC	8" borehole, 2"	35	2.5	35	124.08	29,000	8/4/03	3392		Elevation is Top of Casing
MW-10	Monitor	10860 Tower Oaks Blvd	7/7/05	PVC/SS	6.75, 3.875, 4", 2.5"	342	270	290	123.20	ND		69086	25	Geophysical boring log available
MW-11	Monitor	Glenora and Foxburo	7/10/05	PVC/SS	6.75, 3.875, 4", 2.5"	292	254	274	8/25/05, casing failure			69109		Geophysical boring log available
MW-11R	Monitor	Glenora and Foxburo	11/1/05	PVC/SS	6.75, 3.875, 4", 2.5"	295	249	269	125.20	ND		71443	25	Geophysical boring log available
MW-12	Monitor	Oak Valley and Timber Crest	7/14/05	PVC/SS	6.75, 3.875, 4", 2.5"	301	260	280	125.10	ND		69087	25	Geophysical boring log available
MW-13	Monitor	Timber Hollow and Forest Valley	7/19/05	PVC/SS	6.75, 3.875, 4", 2.5"	300	276	296	125.80	ND		69089	25	Geophysical boring log available
MW-14	Monitor	Mile Drive and Glenora	7/22/05	PVC/SS	6.75, 3.875, 4", 2.5"	294	260	280	126.60	ND		69091	30	Geophysical boring log available
MW-15	Monitor	Woodedge and Echo Spring	7/26/05	PVC/SS	6.75, 3.875, 4", 2.5"	305	274	294	125.50	ND		69095	25	Geophysical boring log available
MW-16	Monitor	Woodedge and Jones Road	7/28/05	PVC/SS	6.75, 3.875, 4", 2.5"	325	258	278	125.40	ND		69096	25	Geophysical boring log available
MW-17	Monitor	Neeshaw Drive	8/11/05	PVC/SS	6.75, 3.875, 4", 2.5"	445	410	430	124.30	ND		69098	30	Geophysical boring log available
MW-18	Monitor	Neeshaw Drive	8/12/05	PVC/SS	6.75, 3.875, 4", 2.5"	304	284	297	124.20	0.29		69100	20	Geophysical boring log available
MW-19	Monitor	Jones Plaza (FM-1960 and Jones Road)	11/3/05	PVC/SS	6.75, 3.875, 4", 2.5"	312	240	260	123.50	ND		71449	25	Geophysical boring log available
MW-2	Monitor	11600 Jones Road	11/7/01	PVC	8" borehole, 2"	35	2.5	35	124.40	5,080	8/4/03	3393		elevation is Top of Casing
MW-3	Monitor	11600 Jones Road	11/7/01	PVC	8" borehole, 2"	35	2.5	35	123.83	91	2/1/04	3394		elevation is Top of Casing
MW-4	Monitor	11600 Jones Road	1/1/02	PVC	6.75, 3.875, 4", 2.5"	35	2	35	124.18	ND		4530		elevation is Top of Casing
MW-5	Monitor	11600 Jones Road	1/1/02	PVC	6" borehole, 2"	35	2	35	124.58	ND		4531		elevation is Top of Casing
MW-6	Monitor	11600 Jones Road	1/1/02	PVC	6" borehole, 2"	35	2	35	124.09	167,000	8/4/03	4532		elevation is Top of Casing
MW-7	Monitor	11600 Jones Road	9/1/03	PVC	8.5" borehole, 2"	35	20	35	124.42	3				Geophysical boring log available
MW-8	Monitor	11600 Jones Road	9/1/03	PVC	8.5" borehole, 2"	36.5	20.5	35.5	125.00	16	8/23/04			Geophysical boring log available
MW-9	Monitor	11600 Jones Road	9/1/03	PVC	8.5" borehole, 2"	35	20	35	124.30	3				Geophysical boring log available
Oak Plaza 12627	Domestic	12627 Oak Plaza	12/11/06	PVC, galv, SS	6.75, 4, 3.875 2.5" screen	265	255	265				134864	35	
Oak Plaza 12807	Domestic	12807 Oak Plaza	4/28/03	PVC	7.25, 4, 2.5" screen	262	252	262				19552	25	
Oakfield 12611	Domestic	12611 Oakfield Drive	5/7/05	PVC	6.75, 4, 2.5" screen	220	205	220				61327	65	
OV11503	Domestic	11503 Oak Valley Drive	2/11/75	Plastic	6.5	237	227	237		ND				
OV11507	Domestic	11507 Oak Valley Drive								ND				
OV11519	Domestic	11519 Oak Valley Drive	5/8/84	PVC		220	210	220		ND				
OV11523	Domestic	11523 Oak Valley Drive								ND				

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OV11527	Domestic	11527 Oak Valley Drive								ND				
OV11534	Domestic	11534 Oak Valley Drive								ND				
OV11547	Domestic	11547 Oak Valley Drive	2/24/77	Plastic	6.75	227	217	227		ND				
OV11602	Domestic	11602 Oak Valley Drive	3/29/93	PVC	6.75	222	207	222		ND				
OV11603	Domestic	11603 Oak Valley Drive	3/30/93	blank	6.75	222	207	222		ND				
OV11610	Domestic	11610 Oak Valley Drive								ND				
OV11618	Domestic	11618 Oak Valley Drive								ND				
OV11623	Domestic	11623 Oak Valley Drive	11/5/85	PVC	6.75, 3.875	230	220	230		ND				
OV11626	Domestic	11626 Oak Valley Drive								ND				
OV11634	Domestic	11634 Oak Valley Drive								ND				
OV11635	Domestic	11635 Oak Valley Drive	4/25/84	PVC	6.75, 3.875	240	225	240		0.91				
OV11642	Domestic	11642 Oak Valley Drive								ND				
OV11651	Domestic	11651 Oak Valley Drive	7/26/76	Plastic	6.5	230	220	230						Earlier installed well
OV11651	Domestic	11651 Oak Valley Drive	8/15/94	PVC	6.75, 3.875	222	207	222		ND				Later installed well
OV11738	Domestic	11738 Oak Valley Drive	6/2/06	PVC	6.75, 4", 2.5" Screen	535	510	535		ND		87252	50	
PH11602	Domestic	11602 Possum Hollow Lane	5/23/95	PVC		286	255	265		ND			45	Attachment B of Emergency Order 2002-0584-IHW-E
PH11603	Domestic	11603 Possum Hollow Lane								2.8				Obtains water from PH11610
PH11610	Domestic	11610 Possum Hollow Lane	2/15/91	PVC	6.75, 3.875	257	247	257		3.4			30	
PH11611	Domestic	11611 Possum Hollow Lane	1/7/85	PVC	6.75	210	200	210		1				
PH11618	Domestic	11618 Possum Hollow Lane								ND				
PH11619	Domestic	11619 Possum Hollow Lane								ND				
PH11626	Domestic	11626 Possum Hollow Lane								ND				
PH11627	Domestic	11627 Possum Hollow Lane	4/18/90	PVC	6.75, 3.875	260	250	260		ND				Attachment B of Emergency Order 2002-0584-IHW-E
PH11643	Domestic	11643 Possum Hollow Lane	7/27/77	Plastic	6.75	223	213	223		ND				Attachment B of Emergency Order 2002-0584-IHW-E
PH11650	Domestic	11650 Possum Hollow Lane	7/25/77	Plastic	6.75	250	213	223		ND				Attachment B of Emergency Order 2002-0584-IHW-E
PH11651	Domestic	11651 Possum Hollow Lane								ND				
PH11702	Domestic	11702 Possum Hollow Lane	10/1/92	casing	6.75	233	216	233		ND				
PH11703	Domestic	11703 Possum Hollow Lane												Well present, not sampled per owner
PH11710	Domestic	11710 Possum Hollow Lane	2/22/76			220				ND				
PH11713	Domestic	11713 Possum Hollow Lane	1/11/79	Plastic	6.5	224	214	224		ND				
PH11720	Domestic	11720 Possum Hollow Lane	2/22/76	Plastic, Steel	6.75	220	210	220					100	
PH11722	Domestic	11722 Possum Hollow Lane	9/10/83	PVC	6.75, 3.875	222	212	222		ND				
PH11723	Domestic	11723 Possum Hollow Lane												Well present, not sampled per owner
PH11733	Domestic	11733 Possum Hollow Lane												Well present, not sampled per owner
PH11738	Domestic	11738 Possum Hollow Lane	7/22/82	PVC	6.75, 3.875	217	207	217		ND				
PH11739	Domestic	11739 Possum Hollow Lane								ND				
Philippine 15000	Irrigation	15000 Philippine	6/30/03	PVC, SS	7.75, 4.75, 5, 2.5" screen	350	339	349				36128	100	
Pine Glen 12111	Domestic	12111 Pine Glen Lane	7/11/07	PVC	6.75, 4, 2.5" screen	235	220	235				119507	40	

**Table 2
Well Information
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515**

Station Location	Well Type ⁽¹⁾	Physical Address	Date Installed	Material	Diameter (inches)	Total Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Ground Surface (ft MSL)	Max PCE (µg/L)	First Date > MCL	Well Report # ⁽²⁾	Yield (gpm)	Comment
Pine Spring 12619	Domestic	12619 Pine Spring Lane	9/20/01	PVC	7.25, 4, 2.5" screen	262	252	262				3007	45	
PWS Well #1	Domestic	12102 Cypress Trail A												12102 Cypress Trail A
PWS Well #2	Domestic	12102 Cypress Trail B												12102 Cypress Trail B
Ravensway	Irrigation	Ravensway Lake Subdivision	5/19/04	PVC	8.5, 4.875, 5, 3" Screen	420	390	420				34094	40	Ravensway Lake Homeowners Association
Rockmore 9102	Domestic	9102 Rockmore Drive	3/17/04	PVC	7.25, 4, 2.5" screen	260	250	260				34346	25	
Rockville 11703	Domestic	11703 Rockville Drive	10/1/03	Plastic	6", 2.5" screen	120	110	120	174			31562	5	
Rockville 11710	Domestic	11710 Rockville Drive	7/10/03	PVC	7.25, 4, 2.5" screen	262	252	262				23173	25	
RRMUD	Rig Supply	East of Sam Houston Pkwy south of Fallbrook	12/11/03	Plastic	7.875, 4" screen	250	200	230				29972	30	Reid Road MUD
RRMUD#2	Public Supply	off Beltway 8 and West Road	3/3/04	Steel	28, 22, 16" Screen	710	538	696				38830	1000	Reid Road MUD #2
RRMUD Well #3	Public Supply	Bending Brook Way @ Mistic Meadows Ct	4/30/03	steel, SS	30, 20, 14" screen	1206	779	1206	126			20046	1016	USGS 295555095344601
Sam Houston Center	Public Supply	Sam Houston Center Dr, S. at Houston Oaks Dr.	5/13/05	steel, SS	36, 32, 30, 24, 18" screen	1436	845	1436				58706		West Harris County MUD #1, Well #3
Sandy Brook 12703	Domestic	12703 Sandy Brook Lane	3/13/02	PVC	7.25, 4, 2.5" screen	260	250	260				5750	50	
Shadow Lake 12611	Domestic	12611 W. Shadow Lake	12/19/02	PVC	6.75, 4, 2.5" screen	385	370	385				15539		
Shadow Lake 12619	Domestic	12619 E. Shadow Lake Lane	7/9/02	PVC	6.75, 4.75, 4, 2.5" screen	280	270	280				9465	25	
Shoal Creek 8711	Domestic	8711 Shoal Creek Drive	11/15/07	PVC	6.75, 4, 2.5" screen	310	295	310				130081	50	
Shoal Creek 9030	Domestic	9030 Shoal Creek Drive	5/19/08	plastic	5.5, 2" screen	117	107	117				142257	10	
Shoal Creek 9103	Domestic	9103 Shoal Creek Drive	10/3/07	plastic	7, 4" screen	117	100	110				124328	10	
Shoal Creek 9222	Domestic	9222 Shoal Creek Drive	8/21/03	PVC	7.25, 4, 2.5" screen	276	266	276				24676	25	
Shoal Creek 9343	Domestic	9343 Shoal Creek Drive	7/10/04	PVC	6.5, 4, 2.5" screen	274	264	274				41703	40	
Sweetbrush 9214	Domestic	9214 Sweetbrush	6/12/02	PVC	7, 4, 2" screen	118	108	118	81			9058		
Tall Forest 12711	Domestic	12711 Tall Forest Drive	5/17/05	PVC	6.75, 4, 2.5" screen	230	215	230				59570	50	
Tall Timbers	Domestic	Tall Timbers	5/24/78	Plastic	6.75	222	212	222						
Tall Timbers	Domestic	RT 14 Tall Timbers	6/20/74	Plastic	3.25	199	189	199						
TC11018	Domestic	11018 Timber Crest Drive								ND				Sampled as GW-45
TC11019	Commercial	11019 Timber Crest Drive	9/1/98	PVC	7, 3.75	240	230	240		23	8/15/04		30	
TC11022	Domestic	11022 Timber Crest Drive								19.4	8/15/03			
TC11027	Domestic	11027 Timber Crest Drive	11/26/74	Plastic	6.75	201	191	201		23	5/15/04			
TC11034	Domestic	11034 Timber Crest Drive	6/23/87	PVC	6.75, 3.875	226	216	226		0.73				Sampled as GW-10
TC11035	Domestic	11035 Timber Crest Drive								4.9				
TC11103	Domestic	11103 Timber Crest Drive	8/5/93	PVC	6.75, 3.875	233	213	233		ND			12	Filtration System
TC11104	Domestic	11104 Timber Crest Drive		PVC	3"					140	8/15/03			Obtains water from TC11034
TC11106	Domestic	11106 Timber Crest Drive	12/5/95	PVC	6.75, 3.875	260	250	260		4.4			35	

**Table 2
Well Information
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515**

Station Location	Well Type ⁽¹⁾	Physical Address	Date Installed	Material	Diameter (inches)	Total Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Ground Surface (ft MSL)	Max PCE (µg/L)	First Date > MCL	Well Report # ⁽²⁾	Yield (gpm)	Comment
TC11106	Domestic	11106 Timber Crest Drive	4/13/77	Plastic	3.875	112	104	112						Earlier well
TC11107	Domestic	11107 Timber Crest Drive	5/7/79	Plastic	6.75, 3.875	197	187	197		39.4	4/30/02		168	Sampled as GW-34
TC11108	Domestic	11108 Timber Crest Drive	10/15/99	PVC		220	210	220		3				Obtains water from TC11106, also dated 7-1-82
TC11110	Domestic	11110 Timber Crest Drive	7/28/77	Plastic	3.875	128	120	128		3.4				
TC11115	Domestic	11115 Timber Crest Drive	10/3/99	Plastic	6 3/4, 3 7/8	200	190	200		44	4/30/02		12.5	2/9/1981, earlier well to 195 feet
TC11118	Commercial	11118 Timber Crest Drive								6.6	8/15/04			
TC11126	Domestic	11126 Timber Crest Drive	8/29/77	Plastic	6.75	230	220	230		10.1	2/15/04			
TC11130	Domestic	11130 Timber Crest Drive								10.8	8/15/06			
TC11132	Domestic	11132 Timber Crest Drive								ND				
TC11135	Domestic	11135 Timber Crest Drive								ND				
TC11140	Commercial	11140 Timber Crest Drive								0.61				
TC11203	Domestic	11203 Timber Crest Drive								ND				
TC11206	Domestic	11206 Timber Crest Drive								ND				
TC11214	Domestic	11214 Timber Crest Drive								ND				
TC11215	Domestic	11215 Timber Crest Drive								ND				
TC11219	Domestic	11219 Timber Crest Drive	3/9/79	plastic	4	260	192	197		ND				Sampled as GW-37
TC11222	Domestic	11222 Timber Crest Drive	12/1/01	PVC	7.25, 4", 2.5"	250	220	250				3640		Obtains water from TT11303
TC11227	Domestic	11227 Timber Crest Drive	10/20/99	PVC	6.75	235	220	235		ND			40	
TC11229	Domestic	11229 Timber Crest Drive	11/16/76	Plastic	3.5	198	188	198					6.2	
TC11303	Domestic	11303 Timber Crest Drive								ND				
TC11315	Domestic	11315 Timber Crest Drive	9/1/76	Plastic	6.75	226	216	226		ND				
TC11318	Domestic	11318 Timber Crest Drive								ND				
TC11330	Domestic	11330 Timber Crest Drive	9/14/78	Plastic	6.75, 3.875	228	218	228		ND				Well installation date also 10/08/99
TC11331	Domestic	11331 Timber Crest Drive								ND				
TH11602	Domestic	11602 Timber Hollow Lane	1/30/01	PVC		250	240	250		ND			20	
TH11603	Domestic	11603 Timber Hollow Lane								0.64				
TH11610	Domestic	11610 Timber Hollow Lane								15	4/30/02			Filter removed at owner request
TH11611	Domestic	11611 Timber Hollow Lane	11/16/71	Plastic	4.5	220	210	220		1.1			20	
TH11618	Domestic	11618 Timber Hollow Lane								98.5	4/30/02			
TH11619	Domestic	11619 Timber Hollow Lane								ND				
TH11620	Domestic	11620 Timber Hollow Lane								ND				
TH11626	Domestic	11626 Timber Hollow Lane	4/30/03	Steel	6.75	196	188	196						
TH11627	Domestic	11627 Timber Hollow Lane								ND				Obtains water from TH11635
TH11635	Domestic	11635 Timber Hollow Lane	6/25/68	Gal Steel	3.875	235	225	235		ND				
TH11642	Domestic	11642 Timber Hollow Lane								ND				
TH11643	Domestic	11643 Timber Hollow Lane								ND				
TH11651	Domestic	11651 Timber Hollow Lane	10/10/70	Plastic	4.5	260	220	230		ND			20	
TH11703	Domestic	11703 Timber Hollow Lane	6/14/77	Plastic	6.75	225	215	225		ND				
TH11713	Domestic	11713 Timber Hollow Lane				293				ND				
TH11722	Domestic	11722 Timber Hollow Lane	4/23/93	PVC	6.75	239	229	239		ND			30	
TH11723	Domestic	11723 Timber Hollow Lane	8/25/77	Plastic	6.75	220	210	220		7.8	2/6/06			Filter system declined by owner
TH11733	Domestic	11733 Timber Hollow Lane				260				ND				
TH11737	Domestic	11737 Timber Hollow Lane								ND				
Thomasville 9115	Domestic	9115 Thomasville	11/6/07	PVC	6.75, 4, 2.5" Screen	310	300	310				127550	50	
Timberlake 12106	Domestic	12106 Timberlake	9/20/07	plastic	7.75, 4, 2.5" screen	278	255	275				122915	75	
Timberlake 12306	Domestic	12306 Timberlake	11/26/03	PVC	7.5, 4" screen	270	260	270				53066	10	

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Shaw Project Number 134515**

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TMW1	Domestic	11600 Jones Road	6/25/01			25				833				Geo-Tech Limited Site Assessment Report, 7-9-01
TMW2	Domestic	11600 Jones Road	6/25/01			25				28				Geo-Tech Limited Site Assessment Report, 7-9-01
TMW3	Domestic	11600 Jones Road	6/25/01			25				339				Geo-Tech Limited Site Assessment Report, 7-9-01
TO/TH	Domestic	Tower Oaks at Timber Hollow	7/12/85	Plastic	6.875, 3.375	232	222	232						
TO10610	Commercial	10610 Tower Oaks Blvd	10/13/94	PVC	6.75, 3.875	280	270	280					50	Sampled as GW-20
TO10615	Commercial	10615 Tower Oaks Blvd	1/21/83	PVC		135	125	135		ND			4	
TO10619	Domestic	10619 Tower Oaks Blvd								ND				Obtains water from TO10627
TO10624	Commercial	10624 Tower Oaks Blvd								ND				Sampled as GW-17
TO10627	Commercial	10627 Tower Oaks Blvd								ND				Sampled as GW-18
TO10635	Commercial	10635 Tower Oaks Blvd	4/4/01	PVC		305	295	305		ND			40	Sampled as GW-19, Maaco Auto Painting
TO10700	Commercial	10700 Tower Oaks Blvd								ND				
TO10700LPT	Domestic	10700 Tower Oaks Blvd								ND				Separate well found Nov 2006
TO10703	Commercial	10703 Tower Oaks Blvd	10/18/83	Steel	6.75, 3.875	238	223	238						
TO10727	Commercial	10727 Tower Oaks Blvd								ND				
TO10820	Domestic	10820 Tower Oaks Blvd												
TO10827	Commercial	10827 Tower Oaks Blvd								6	5/1/07			Sampled as GW-01
TO10830	Commercial	10830 Tower Oaks Blvd	4/13/83	PVC		238	217	223		ND				
TO10835	Domestic	10835 Tower Oaks Blvd	3/3/89	PVC	6.75	232	222	232		29.6	2/15/04		35	Sampled as GW-02
TO10902	Commercial	10902 Tower Oaks Blvd								48.2	4/30/02			Sampled as GW-42/43
TO10903	Public Supply	10903 Tower Oaks Blvd	10/18/83	Gal Steel		238	223	238		99	4/30/02	PWS 1012358		Sampled as GW-03, Finch's Gymnastics
TO11011	Commercial	11011 Tower Oaks Blvd								ND				
TO11022	Commercial	11022 Tower Oaks Blvd	7/17/73	steel		250	235	250				PWS 1011706		Tower Oaks Center
TO11023	Commercial	11023 Tower Oaks Blvd								2.1				
TO11024	Commercial	11024 Tower Oaks Blvd	7/17/73			250				42	4/30/02			
TO11033	Domestic	11033 Tower Oaks Blvd								4.2				
TO11051	Domestic	11051-B Tower Oaks Blvd								ND				All apartments drink from same well, obtains water from TO11033
TO11102	Commercial	11102 Tower Oaks Blvd	9/19/84	PVC	6.75, 3.875	225	215	225		1.1				
TO11112	Domestic	11112 Tower Oaks Blvd												Well inoperable
TO11115B	Commercial	11115 B Tower Oaks Blvd								ND				
TO11116	Commercial	11116 Tower Oaks Blvd	3/30/78	Plastic	6.75	222	212	222		ND				
TO11116MO	Domestic	11116 Tower Oaks Blvd								ND				Separate well first sampled May 04
TO11202	Commercial	11202 Tower Oaks Blvd								ND				
TO11203	Commercial	11203 Tower Oaks Blvd	7/26/72	Plastic	4.5	210	200	210					20	
TO11205	Commercial	11205 Tower Oaks Blvd								ND				
TO11230	Domestic	11230 Tower Oaks Blvd	11/12/87	PVC		247	237	247		ND			20	
TO11235	Domestic	11235 Tower Oaks Blvd	4/13/76	plastic		243	228	243						No well, obtains water from MUD
TO11239	Domestic	11239 Tower Oaks Blvd	9/8/77	Plastic	6.5	235	220	235						No well, obtains water from MUD
TO11241	Domestic	11241 Tower Oaks Blvd	9/8/77	Plastic	6.5	235	220	235						
TO11305	Domestic	11305 Tower Oaks Blvd				140				ND				
TO11307	Domestic	11307 Tower Oaks Blvd												
TO11309	Domestic	11309 Tower Oaks Blvd								ND				
TO11310	Domestic	11310 Tower Oaks Blvd								ND				

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Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
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Station Location	Well Type ⁽¹⁾	Physical Address	Date Installed	Material	Diameter (inches)	Total Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Ground Surface (ft MSL)	Max PCE (µg/L)	First Date > MCL	Well Report # ⁽²⁾	Yield (gpm)	Comment
TO11314	Domestic	11314 Tower Oaks Blvd								ND				
TO11315	Commercial	11315 Tower Oaks Blvd												Attachment B of Emergency Order 2002-0584-IHW-E
TO11335	Domestic	11335 Tower Oaks Blvd								ND				No Access, Gate locked.
TO11338	Public Supply	11338 Tower Oaks Blvd	8/24/76	Plastic	6.75	225	215	225		ND		PWS 1011706		Sampled as GW-50/51, Tower Oaks Learning Center
Tower Oaks	Domestic	Tower Oaks Blvd	10/1/82		6.75	246								
Tower Oaks	Domestic	Tower Oaks Blvd	5/10/71	Plastic	4	230	220	230						
Tower Oaks	Domestic	Tower Oaks Blvd	7/22/75	Plastic	6	246	235	246						
Tower Oaks	Domestic	Tower Oaks Blvd	5/20/72	Plastic	6.5	237	217	237						
TT11011	Domestic	11011 Tall Timbers Drive	5/24/78	plastic		230	212	222		69	4/30/02			
TT11014	Domestic	11014 Tall Timbers Drive	7/14/76	Plastic	4.625	195	185	195		140	8/15/03			
TT11015	Domestic	11015 Tall Timbers Drive								42	4/30/02			
TT11021	Domestic	11021 Tall Timbers Drive	9/12/79	Plastic	3.875	195	185	195						
TT11031	Domestic	11031 Tall Timbers Drive								15	8/15/03			
TT11039	Commercial	11039 Tall Timbers Drive	6/27/77	Plastic	3.875	122	114	122		3.6				
TT11102	Domestic	11102 Tall Timbers Drive	3/29/85	PVC	6.75, 3.875	225	215	225		1.5				Sampled as GW-08 / 09
TT11103	Domestic	11103 Tall Timbers Drive								ND				
TT11106	Domestic	11106 Tall Timbers Drive	4/17/78	plastic	3.875	124	116	124		66.3	8/15/03			
TT11107	Domestic	11107 Tall Timbers Drive	11/5/73	plastic		195	185	195		230				Second well listed for address
TT11107	Domestic	11107 Tall Timbers Drive	7/5/77	plastic	6.75	280	212	222		230	4/30/02			Sampled as GW-38
TT11112	Domestic	11112 Tall Timbers Drive				280				ND				Sampled as GW-15 / GW-16
TT11114	Domestic	11114 Tall Timbers Drive	10/5/77	Plastic	6.75	225	215	225		ND				Sampled as GW-39
TT11115	Domestic	11115 Tall Timbers Drive	11/15/06	PVC	7.25, 4", 2.5" screen	425	405	425		ND		98013	40	Owner well #30777
TT11118	Domestic	11118 Tall Timbers Drive	3/13/75	plastic		222	212	222		1.7			15	Sampled as GW-40
TT11123	Domestic	11123 Tall Timbers Drive	2/21/01	PVC	7" borehole, 4"	260	240	260		11	8/15/04	712	25	
TT11124	Domestic	11124 Tall Timbers Drive								0.6				Sampled as GW-41
TT11127	Domestic	11127 Tall Timbers Drive	2/11/00	Slotted	6.75, 3.75	259	245	259		23.3	2/15/04		40	
TT11131	Domestic	11131 Tall Timbers Drive								25.4	2/15/04			
TT11139	Domestic	11139 Tall Timbers Drive				300				ND				Sampled as GW-21
TT11202	Domestic	11202 Tall Timbers Drive								ND				
TT11203	Domestic	11203 Tall Timbers Drive								ND				
TT11214	Domestic	11214 Tall Timbers Drive	5/14/76	Plastic	6.75	230	220	230						
TT11215	Domestic	11215 Tall Timbers Drive	9/12/79	plastic		195	185	195		ND				
TT11219	Domestic	11219 Tall Timbers Drive								ND				
TT11222	Domestic	11222 Tall Timbers Drive								ND				
TT11227	Domestic	11227 Tall Timbers Drive	8/19/76	Plastic	6.75	120	110	120		ND				
TT11230	Domestic	11230 Tall Timbers Drive	9/16/92	PVC	6.75, 4.5	255	240	255		ND			10	
TT11303	Domestic	11303 Tall Timbers Drive	12/1/01	PVC	7.25, 4" casing, 2.5" screen	250	220	250		ND			20	
TT11306	Domestic	11306 Tall Timbers Drive	2/21/78	Plastic	6.75	235	225	235		ND				
TT11322	Domestic	11322 Tall Timbers Drive								ND				
TT11323	Domestic	11323 Tall Timbers Drive								ND				
Unknown	Domestic	Jones Road	10/20/70	PVC		195	185	195					20	
Unknown	Commercial	Jones Road	5/19/76	steel		253	226	249						
Unknown	Domestic	Jones Road	2/2/79	plastic		262	252	262					30	
Unknown	Commercial	Jones Road	6/2/82	PVC		260	240	260						
Unknown	Commercial	Jones Road	6/3/82	PVC		235	220	235						
Unknown	Commercial	Jones Road	7/10/84	PVC		250	240	250						

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Unknown	Domestic	Jones Road	8/22/85	PVC		367	347	367					50	
Unknown	Domestic	Jones Road	12/20/79	PVC		220								
Unknown	Domestic	Jones Road	4/8/80	PVC		281	271	281						
Unknown	Domestic	Jones Road	6/12/80	plastic		300	290	300						
Unknown	Domestic	Advance Drive	8/28/71	plastic		230	220	230					25	
Unknown	Domestic	Advance Drive	7/9/74	plastic		230	220	230						
Unknown	Domestic	Barely Lane	1/15/81	steel		293	273	293					56	
Unknown	Domestic	Bexhill	6/25/70	plastic		225	215	225						
Unknown	Domestic	Bexhill	10/3/77	plastic		220	210	220						
Unknown	Domestic	Bexhill	11/1/73	plastic		222	212	222					14	
Unknown	Domestic	Bexhill	1/12/85	PVC		242	232	242					30	
Unknown	Domestic	Bexhill	4/2/68	plastic		180	172	180					25	
Unknown	Domestic	Campos Drive	4/24/72	plastic		225	215	225					20	
Unknown	Domestic	Campos Drive	4/10/68	SS		300	290	300						
Unknown	Domestic	Cathy Drive	1/30/80	PVC		220	210	220						
Unknown	Domestic	Cathy Drive	4/22/71	plastic		320	310	320					20	
Unknown	Commercial	Cathy Drive	6/7/71	plastic		220	210	220					20	
Unknown	Commercial	Cathy Drive	6/19/71	plastic		220	210	220					20	
Unknown	Commercial	Cathy Drive	4/2/71	plastic		230	220	230					20	
Unknown	Commercial	Dakar Drive	3/7/73	plastic		225	215	225					20	
Unknown	Domestic	Dakar Drive	2/8/73	plastic		225	215	225					20	
Unknown	Commercial	Dakar Drive	7/26/69	steel		245	235	245					30	
Unknown	Domestic	Dermott Drive	6/14/83	plastic		214	204	214						
Unknown	Commercial	Dermott Drive	7/20/70	plastic		228	218	228					20	
Unknown	Commercial	Foxburo Drive	12/28/70	plastic, steel		230	220	230					20	
Unknown	Domestic	Marcia	4/5/68	SS		176	170	176						
Unknown	Domestic	Possum Hollow Lane	4/8/69	SS		235	225	235					25	
Unknown	Domestic	Timber Hollow Lane	7/12/85	PVC		232	222	232					25	
Unknown	Domestic	Timber Hollow Lane		plastic		240	230	240					800	
Unknown	Commercial	Tower Oaks Blvd	5/10/71	plastic		230	220	230						
Unknown	Domestic	Tower Oaks Blvd	7/21/72	steel		230	219	229						
Unknown	Domestic	Tower Oaks Blvd	3/23/73	plastic		289	274	289						
Unknown	Domestic	Tower Oaks Blvd	7/22/75	plastic		246	235	246						
Unknown	Domestic	Tower Oaks Blvd	5/20/75	plastic		237	217	222						
Unknown	Domestic	Tower Oaks Blvd	2/1/75	plastic		230	220	230						
Unknown	Public Supply	1960 & Woodedge	8/11/93	SS		876	455	876					1711	
Unknown	Domestic	9815 Lou Edd	11/11/76	plastic		238	228	238						
Unknown	Domestic	9901 Lou Edd	1/20/98	PVC		380	366	380						
Unknown	Domestic	Advance & Glenora	11/29/77	plastic		230	220	230						
Unknown	Domestic	Advance Drive	6/25/71	plastic		220	210	220					20	
Unknown	Domestic	Beverly at Kelly	7/19/72	plastic		215	205	215					20	
Unknown	Commercial	Beverly	8/12/70	plastic		225	215	225					20	
Unknown	Domestic	Bexhill & Tower Oaks	11/10/71	plastic		225	215	225						
Unknown	Domestic	Rt 14 Tall Timbers	6/20/74	plastic		199	189	199					6	
Van Zandt 4913	Domestic	4913 Van Zandt	1/10/03	Plastic	7, 4, 2.5" Screen	400	380	400				16367	50	
Vancouver11802	Domestic	11802 Vancouver	12/7/05	PVC	7.75, 4" screen	320	280	300				72097	50	
Vancouver11914	Domestic	11914 Vancouver	7/20/07	plastic	5.5, 2" screen	123	113	123				118091	10	

**Table 2
Well Information
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515**

Station Location	Well Type ⁽¹⁾	Physical Address	Date Installed	Material	Diameter (inches)	Total Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Ground Surface (ft MSL)	Max PCE (µg/L)	First Date > MCL	Well Report # ⁽²⁾	Yield (gpm)	Comment
WE10514	Domestic	10514 Woodedge Drive	4/27/99	PVC		250	220	250		ND			40	
WE10530	Domestic	10530 Woodedge Drive												
WE10603	Domestic	10603 Woodedge Drive												
WE10660	Domestic	10660 Woodedge Drive												
WE10669	Domestic	10669 Woodedge Drive	12/4/03	PVC, Gal, SS	6.75, 3.8, 4" PVC, 2.5 Galv, 2.5 SS Screen	365	355	365				53121	25	
WE10701	Domestic	10701 Woodedge Drive	10/29/98	PVC	7.25	235	215	235						
WE10703	Domestic	10703 Woodedge Drive												
WE10706	Domestic	10706 Woodedge Drive												
WE10708	Commercial	10708 Woodedge Drive	11/30/70	Plastic	4.5	230	220	230					26	
WE10710	Domestic	10710 Woodedge Drive								ND				
WE10711	Commercial	10711 Woodedge Drive	10/29/98	PVC		235	215	235		ND			20	
WE10714	Domestic	10714 Woodedge Drive												
WE10715	Domestic	10715 Woodedge Drive								ND				
WE10719	Domestic	10719 Woodedge Drive								ND				10719-A also here
WE10727	Domestic	10727 Woodedge Drive								ND				
WE10814	Domestic	10814 Woodedge Drive	1/23/75	Steel	4	407	395	405		ND				Satsuma Center
WE10815	Commercial	10815 Woodedge Drive								ND				
WE10831	Commercial	10831 Woodedge Drive								ND				
WE10931	Domestic	10931 Woodedge Drive								ND				
WE11322	Domestic	11322 Woodedge Drive				220				ND				Attachment B of Emergency Order 2002-0584-IHW-E
West 9500	Domestic	9500 West Road	5/27/06	PVC, galv, SS	8, 5, 4.5, 2.5" screen	560	540	560				83957	55	TX Marrow Construction
Windfern 10300	Domestic	10300 Windfern	6/23/03	PVC	9.5, 5, 3" screen	370	325	365				27895	100	Lone Star Road
Windfern 10550	Domestic	10550 Windfern	1/17/05	PVC	7.75, 4" screen	300	280	300	62			51740	80	

617 617 617 403 390 208 414 415 415 29 299 48 108 189 152
Counts

Notes:
1. The wells listed here are all the wells that have been sampled at least once, plus additional wells in the area, some of which have never been sampled.
2. Well information taken from applicable State of Texas Water Well Report number shown in this column.
bgs - below ground surface
ft - feet
MSL - mean sea level
ND - not detected
PVC - polyvinyl chloride
SS - stainless steel

Table 3
Summary of Deep Monitor Well Locations and Construction Details
Jones Road Groundwater Plume Federal Superfund Site (SUP075)
Harris County, Texas
Shaw Project Number 134515

Monitor Well ID	Location	Total Drilled Depth (feet)	Screened Interval (feet)
MW-10	10860 Tower Oaks Blvd	357	270 - 290
MW-11R	Glenora and Foxburo	285	249 - 269
MW-12	Oak Valley and Timber Crest	301	260 – 280
MW-13	Timber Hollow and Forest Valley	305	276 – 296
MW-14	Mile Drive and Glenora	294	260 – 280
MW-15	Woodedge and Echo Spring	305	274 – 294
MW-16	Woodedge and Jones Road	325	258 – 278
MW-17	Neeshaw Drive	445	410 – 430
MW-18	Neeshaw Drive	284	284 – 297
MW-19	Jones Plaza (FM 1960 and Jones Road)	312	240 – 260