Granville Solvents Inc. Site, Granville, Ohio

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Removal Actions Completion Draft Final Report

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Prepared by the Granville Solvents Site

Response Management Group, LLC

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1. *INTRODUCTION*

On September 7, 1994, the Granville Solvents PRP Group (the Group) entered into an Administrative Order on Consent (AOC) with the US Environmental Protection Agency (US EPA) to perform a number of Removal Actions outlined in the Order. This report summarizes the work completed, consistent with that Order, to protect the Village of Granville drinking water supply; to reduce the concentration of contaminants in groundwater to or below Applicable or Relevant and Appropriate Requirements (ARARs); and, to reduce the concentration of contaminants in site soils to no further action levels.

2. SITE CHARACTERIZATION

2.1 SITE DESCRIPTION

2.1.1 Site Location - Granville Solvents Site was an inactive waste solvent blending and recycling operation located at 300 Palmer Lane in Granville, Licking County, Ohio (Figure 2.1). The Site is near the southern corporate limit of the Village of Granville, located approximately 1/3 of one mile southeast of downtown Granville. The Site sits on a 1.5 acre triangular-shaped parcel located adjacent to a residential area with some commercial and light industrial businesses nearby. The Site is bordered on the northwest by Palmer Lane which slopes downward southwest toward the municipal well field. A former railroad track, now a bike and walking path, runs along the southern edge of the Site, with the Cherry Street overpass bordering the Site on the east. Raccoon Creek is located 100 feet south of the walking and bike path. Granville Village's municipal well field is located 700 feet west of the site (Figure 2.1). The Site is zoned for commercial use.

2.1.2 Site Geology –The Site is located on alluvial terrace deposits at the northern edge of Raccoon Creek Valley. The southern portion of the Site is within the 100 year floodplain of Raccoon Creek. Raccoon Creek Valley was cut by pre-glacial streams and modified by erosion and deposition during glacial periods. The valley is filled in places with more than 200 feet of unconsolidated sediment deposited primarily by glacial melt waters from the last glacial event which occurred approximately 12,000 years ago.

The site is directly underlain by clay-, silt-, and sand-rich sediments deposited on the Raccoon Creek floodplain. A highly permeable sand and gravel outwash is located below the surficial material. The finer grained surficial materials may retard, but do not form a hydraulic barrier to infiltration of precipitation from the surface. Well logs of the three Village of Granville production wells (PW-1, PW-2, and PW-3) and four exploratory borings located some 700 – 1,600 feet west of the western boundary of the Site indicate a thickness of at least 175 feet of sand and gravel outwash. Village wells PW-1 and PW-2 are screened from 72 – 95 feet below the surface; whereas, PW-3 is screened from 83 – 109 feet below the surface. PW-4, a production well installed in response to the terms of the AOC between the Group.

US EPA, is screened between 65 – 85 feet below the surface. Based on well logs of the production wells and site monitoring wells, a typical section may be simplified as a low permeability unit of inter-bedded fine-grained sand, silt, and clay lenses from the ground surface down to the water table (approximately 20 feet below the surface, typically at 900 amsl). The aquifer consists of fine-to coarse-grained silt and sand, inter-bedded with gravel lenses of various thicknesses beneath the water table.

Bedrock in the Valley and beneath surrounding uplands consists of sandstone, siltstone, and shale with minor conglomerate units. A bedrock ridge that extends from the adjacent Sugarloaf Hill underlies the Site.

2.1.3 Site Hydrogeology – The Raccoon Creek Valley contains a highly productive buried-valley aquifer. The Village of Granville produces nearly 750,000 gallons of water a day, usually from one of three water production wells. The production wells range in depth from 72 – 109 feet. Wells PW-1 and PW-2 were generally pumped for several hours a day at 650 -750 gallons per minute (gpm). Prior to its abandonment and replacement, PW-1 yielded less water and was generally pumped at a rate of 450 gpm. A new well, PW-4, was installed by the Group as a condition of the AOC as a replacement for PW-1. Production rates of 750,000 gallons per day are currently met by pumping wells PW-2, PW-3, and PW-4.

Raccoon Creek generally flows eastward in the vicinity of the Site and ultimately discharges into the Licking River. Before the Granville Village wells were installed, it is believed that groundwater flow at the Site was from the northern upland towards the creek, with a general down-valley component of flow to the east, typical of aquifers in similar buried valleys in central Ohio. Pumping Village wells has changed groundwater gradients by capturing groundwater that once was discharged to Raccoon Creek and inducing lateral flow from the Site and other parts of the aquifer recharge area. Groundwater gradients are low, with only a few tenths of a foot difference in elevation across the Site. Potentiometric data *(Monitoring Well Installation Report, December 1996)* and surface water elevations suggest that groundwater just north of Raccoon Creek and adjacent to the Site migrates south and north depending on pumping rates of the production wells in the Village of Granville municipal well field. If the surface water elevation is considered, there is a potential for water to flow both into and out of Raccoon Creek. Throughout the area of the Site, the stream appears to be a losing stream based on water levels.

The outwash-filled valley in the vicinity of the Village of Granville's production wells, and for several thousand feet east and west of the Site, is approximately 3,000 feet wide. Direct percolation of rainfall may account for as much as 8 – 10 inches annually including runoff from the adjacent hills, plus down-valley underflow and a small increment from the bedrock on the sides of the buried valley, and could account for all or most of the water removed annually from the aquifer due to pumping of the Village wells.

Transmissivity of the Raccoon Creek Valley aquifer is estimated to be in the range of 200,00 gallons per day per foot(gpd/ft) based on aquifer pumping tests conducted at the site in 1995 *(Aquifer Pumping Test Report, 1995*). The saturated aquifer thickness is believed to be at least 100 feet beneath the Site and perhaps as thick as 200 feet in the area of the Village well field. For a thickness of 100 feet, the hydraulic conductivity has been estimated to be 2,000 gpd/ft^2.

2.2 SITE HISTORY

2.2.1 General Site Operations - Granville Solvents, Inc. (GSI) began operations in 1953 as a petroleum bulk storage, distribution, and recycling center in Granville, Ohio (Licking County). The Company moved to 300 Palmer Lane in 1958 and handled aviation fuels, antifreeze, and, later, petroleum solvents, purchasing bulk chemicals for repackaging and distribution. In 1980 or earlier, GSI ceased handling petroleum-related products and began operating as a solvents reclamation and recycling business. Beginning in 1980, GSI operated under an Interim RCRA Part A permit issued by the Ohio Environmental Protection Agency (OEPA). From 1980-1986, diverse solvents were processed.

On site storage facilities included fifteen (15) aboveground and underground steel storage tanks. Waste solvents were brought to GSI in bulk and drum quantities where they were stored. Solid residues were separated for disposal and solvents were distilled and collected for reuse. During this period, OEPA conducted and documented routine inspections of the facility.

In 1986, GSI was ordered by the Licking County Court of Common Pleas to cease operations and in 1990 and 1991, OEPA removed all storage tanks and drums and installed 15 groundwater monitoring wells. Between 1991 and 1994, OEPA periodically sampled groundwater from a number of the monitoring wells and chlorinated and non-chlorinated Volatile Organic Compounds (VOCs) were detected in groundwater samples collected from both on-site and off-site monitoring wells. In late 1993, chlorinated VOCs were detected in groundwater samples collected from monitoring well MW-8 located less than 400 feet east of one of the Village of Granville's water supply wells (PW-1). In early 1994, the Village of Granville, in response to a request from OEPA, removed water supply well PW-1 from service to reduce the likelihood of hydraulic capture of impacted groundwater in other water supply wells.

In early 1994, the US EPA identified a number of companies and individuals as Potentially Responsible Parties or PRPs who had allegedly shipped or arranged for the shipment of hazardous waste or materials to the GSI facility for recycling. A group of the PRPs voluntarily formed the Granville Solvents PRP Group (the Group) in February 1994 to negotiate the terms and conditions of an AOC between the Group and the US EPA. The current AOC, pursuant to Section 106 of CERCLA, was signed and issued on September 7, 1994.

2.2.2 State-led Interim Removal Actions – The OEPA conducted a state-led interim action in 1990 that included (1) characterization and removal of all known containerized waste, (2) excavation, cleaning, and removal of on-site storage tanks, (3) the installation of monitoring wells, and (4) sampling and analysis of on-site soils. Initially four groundwater monitoring wells were installed (MW-1, MW-2, MW-3 and MW-4D). Compliance Solutions, on behalf of OEPA, decontaminated the warehouse, employee lounge, and steel shed housing an air compressor; disposed of all wastewater; backfilled the

tank excavation pits; and completed Site restoration. In addition, Compliance Solutions installed an additional 10 monitoring wells (MW-2D, MW-4D2, MW-5, MW-6, MW-6D, MW-7, MW-7D, MW-8, MW-8D, and MW-P1) around the warehouse and downgradient of the site to determine the extent of migration of contaminants, characterize hydrogeologic conditions at the Site, and to monitor potential migration of groundwater contamination. Chlorinated VOCs that were most frequently detected at the highest concentrations in groundwater samples included tetrachloroethene (PCE); 1,1,1-trichoroethane (1,1,1-TCA); trichloroethene (TCE); 1,1-dichloroethane (1,1-DCA); 1,1-dichloroethene (1,1-DCE); and, cis-1,2- DCE.

Groundwater samples collected during seven events conducted by OEPA from 1990 – 1993 contained acetone, bromodichloromethane, chloroform, cis-1,2-DCE, dibromochloromethane, PCE, toluene, xylene, trans-1,2-DCE, TCE, vinyl chloride (VC), 1,1-DCA, 1,1,1-TCA, and 1,2,4-trichorobenzene. Groundwater samples were also analyzed for Semi-Volatile Organic Compounds (SVOCs), pesticides, and polychlorinated biphenyls (PCBs); however none were detected.

Surface and subsurface soil samples were collected as a part of OEPA's investigation during the installation of groundwater monitoring wells MW-2D, MW-D2, MW-6D, MW-8, MW-8D, and MW-P1 and analyzed for VOCs. Generally, samples collected between 20 and 40 feet below ground surface contained the highest concentrations of VOCs. Samples collected at MW-2D and MW-4D contained the highest concentrations and, with the exception of samples collected at MW-P1, surface samples contained relatively low concentrations of VOCs. Contaminants detected included benzene, ethylbenzene, cis-1,2-DCE, methylene chloride, PCE, toluene, xylene, styrene, TCE, 1,1-DCE, 1,1-DCA, and 1,1,1-TCA.

3. ADMINISTRATIVE ORDER ON CONSENT

On September 7, 1994, the Group entered into an AOC with the US EPA to perform a number of Removal Actions outlined in the Order. Work to be completed included the following:

1. Develop and implement a site security plan.

2. Develop and implement an air monitoring program, if and to the extent required by federal and state ARARs, during site activities

3. Develop and implement a comprehensive sampling and analysis plan to characterize the nature and extent of all contamination at and originating from the Site.

4. Develop and implement a groundwater monitoring and testing plan for the purpose of monitoring and assessing the threat of contamination (originating from the Site) entering the Village of Granville municipal well field water supply.

5. By December 20, 1994:
    a. Install and run a groundwater extraction and treatment system which shall halt the migration of groundwater contamination (originating from the Site) toward the Village of Granville municipal well field. Treat and discharge all extracted water as required by the Work Plan and this Order. Respondents shall propose treatment and discharge requirements in the draft Work Plan. Continue to run said system, and monitor performance , until the extraction and treatment system specified in subsection 2.f, infra, is fully operational. Satisfying the requirements of this subsection, 2.e.1 is not conditioned on the issuance of an OEPA permit; however, Respondents are required to meet all treatment and discharge standards.

    b. In addition, implement action which is necessary to ensure that any water contaminated with any contamination (originating from the Site) that enters the Village of Granville municipal drinking water supply meets all risk-based and all applicable federal and state drinking water standards. Such action may include utilization of, modification of, and/or addition to the Village of Granville municipal well field drinking water supply system, including its water treatment system. (For example, such action may be, or include, wellhead treatment which meets the performance standards of this Order; or, may be, or include, the installation of an appropriate alternative water supply). Such action shall be implemented at the Village of Granville municipal well field to the extent necessary both to reinstate fully the capacity of the PW-1 prior to is reactivation and to the extent necessary to prevent loss in the Village of Granville municipal well field drinking water supply capacity (i.e., the collective capacity of PW-1, PW-2, and PW-3) caused , in whole or in part, because of contamination (originating from the Site), or the threat thereof, entering the Village of Granville municipal well field water supply

6. Design, install, and operate a groundwater extraction and treatment system which shall halt the migration of groundwater contamination (originating from the Site) toward the Village of Granville municipal well field and shall treat all groundwater within the contamination plume originating from the Site to no further action levels which will assure protection of human health and the environment and attain all risk-based standards and federal and state ARARs.

7. Treat soils at the Site to levels which will assure protection of human health and the environment, to levels which will attain all risk-based standards and federal and state ARARs, and to levels which will assure, to the maximum extent practicable, that no groundwater beneath the soils will become contaminated above the groundwater no further action levels. Respondents shall propose a schedule to develop soil treatments objectives, no further action levels, performance monitoring parameters, and a plan for treatment of the soils, in the draft Work Plan.

4. COMPLETION OF REMOVAL ACTIONS

The Order requires completion of certain Removal Actions that include (1) the installation of a groundwater extraction and treatment system to halt the migration of contaminated groundwater toward the Granville Village municipal well field and to reduce the concentration of contaminants in groundwater; (2) reinstating the capacity of the Village's groundwater production; and (3) reducing the levels of contaminants in soils on site so that the groundwater beneath the soils will not become contaminated above groundwater "no further action" levels.

4.1 Installation of a Groundwater Extraction and Treatment System.

A groundwater pump and treat system for the Site was designed, constructed, and placed into service on December 20, 1994. Installation and system start-up is described in *the Aquifer Pumping Test Report (M&E, 1995)* submitted to US EPA on January 31, 1995. Evaluation of the pump and treat performance was summarized in the *Treatability Performance Report (M&E, 1995)* submitted to US EPA on July 19 1995 and operation and maintenance of the system was described in the *Operation and Maintenance Manual (M&E, 1995)* prepared in April 1995 and revised in April 2001.

The groundwater pump and treat system consisted of two extraction wells, EW-1 and EW-2. EW-1 was installed some 600 feet west of the Site to capture contaminated groundwater and halt its migration to the Granville Village municipal well field. PW-2 was installed at the Site in groundwater containing the highest concentration of contaminants to enhance treatment and removal effectiveness. Groundwater extracted from these wells was pumped to a shallow tray aeration system in a treatment building where VOCs in the groundwater were transferred to the air which was discharged to the atmosphere. Treated groundwater was discharged to Raccoon Creek. The extracted groundwater was operated continuously from December 1994 through March 2005. The system was operated for 98.5 percent of the time and successfully maintained capture of impacted groundwater and protected the Village of Granville municipal well field. The system, on average, removed 7.0 – 8.0 pounds of VOCs per month and successfully reduced the concentration of contaminants in the extracted groundwater to levels below the discharge criteria through the entire period of operation.

Table 4.1 contains a summary of the system operation, including average pumping rates, VOC mass loading rates, hours of system operation, and operational percentages by month. Pumping rates for the system are shown in Figure 4-1. Average monthly pumping rates varied from 150 gallons per minute (gpm) to 320 gpm. Average daily VOC removal rates following treatment are plotted in Figure 4-2.

Influent and effluent concentrations were monitored monthly for the pump-and-treat system as part of the requirements for the NPDES permit waiver for effluent discharge to Raccoon Creek. Concentrations of specific VOCs in influent and effluent groundwater are listed in Table 4.2 and the influent concentrations of primary VOCs is plotted in Figure 4.3, whereas, the concentration of primary VOCs in the system effluent are plotted in Figure 4.4.

The groundwater pump and treat system operated continuously for more than seven years. During that time, the system extracted, treated, and discharged more than 900 million gallons of groundwater. The

system removed an average of 7.8 pounds of VOCs per month for a total of 686 pounds of VOCs over the seven years of operation. The system successfully treated extracted groundwater to levels below the discharge criteria through the full period of operation.

4.2 Hydraulic Capture of Impacted Groundwater

A primary purpose of the groundwater pump and treat system was to capture groundwater that had been impacted with VOCs thereby preventing the migration of contaminants to the Village of Granville well field. Groundwater levels in both on-site and off-site piezometers and monitoring wells were measured monthly since the start-up of the pump and treat system. Water level data that was collected from 1994 to 2002 are listed in Appendix A.

A potentiometric surface of the aquifer was plotted each month to verify that the system was capturing impacted groundwater and preventing migration of impacted groundwater to the village well field. In addition, the data was used to identify locations of groundwater divides between the primary pumping centers (the village well field and EW-1 and EW-2). A cone of depression around the pump and treatment wells, EW-1 and EW-2, was observed. Variability in the size and shape of the cone of depression from month to month was attributed to varying pumping rates of wells in the village well field. Although the location of the groundwater divide varied from month to month, capture of impacted groundwater by the pump and treatment wells was always observed.

Potentiometric surfaces variability maps are included in Appendix B. Although the shapes and areas of capture vary between each mapped surface, the capture of impacted groundwater by the Site wells is illustrated in each figure.

During the seven years of operation, the system extracted and treated groundwater for 98.5% of the total time, and succeeded in hydraulic control of the groundwater VOC plume observed at the Site.

4.3 Restoration of the Village of Granville's Well Field Capacity.

Village production well PW-4 was installed in the Village well field in 1997 to replace the production capacity of PW-1.

4.4 Groundwater Monitoring.

A network of groundwater monitoring wells were installed and monitored on a routine basis to: (1) verify that the groundwater extraction and treatment system was effectively capturing contaminated groundwater and (2) evaluate the size and location of the impacted plume of groundwater. A regular sampling program was implemented using a number of EPA-installed wells and wells installed by the Group to detect changes in plume configuration and concentration. Details of the monitoring network for the Site are available in two reports: *Removal Action Groundwater Monitoring Program Plan* (Metcalf & Eddy, 1995) and *Monitoring Well Installation Report* (Metcalf & Eddy, 1996). Locations of various monitoring wells are shown in Figure 4.5. Wells included in the monitoring program and the sampling frequencies are listed in Table 4-3. Annual monitoring occurred in May of each year, semiannual in

November, and quarterly in August and February. Details on screen elevations and locations of each well are listed in Table 4-4.

Groundwater monitoring was initiated in May 1996 when wells were sampled and analyzed for a number of VOCs. Tables containing groundwater monitoring data obtained between 1991 and 1996 prior to implementing the full monitoring program can be found in Appendix C. Data collected from quarterly, semiannual, and annual sampling conducted after 1996 through 2002 are listed in Appendix D. Concentration contours of the primary constituents of concern have been plotted. Concentration contours of PCE in groundwater samples collected in 1996, 1997, 1998, 2000, and 2001 are shown in Figures 4-6 through 4-11. Similar contours for the same time period for TCE can be found in Figures 4-12 through 4-18; whereas, contours of the concentrations of 1,1,1-TCA for the same time are shown in Figures 4-19 through 4-25.

Changes in the concentration of compounds in samples collected between 1996 and 2001 are shown in Figures 4-26 and 4-29. The concentration of PCE (Figure 4-26) generally decreased in all wells with the exception of well MW-4D when a significant increase was observed in the sample collected in May 2001. TCE concentrations (Figure 4-27) declined in wells MW-P1 and MW-2D over the period, but had otherwise remained stable in samples collected from other monitoring wells. The concentration of 1,1,1-TCA (Figure 4-28) in the sampled wells declined over time with the exception of an unexpected spike in concentration in GSS MW-6 in May 1997. Measurable concentrations of cis-1,2,-DCE (Figure 4-29) were detected in monitoring wells MW-2D, MW-4D, and MW-8 over the sampling period. In general, the concentration of cis-1,2-DCE declined over time in both MW-2D and MW-4D; however, it fluctuated considerably in MW-8, ranging from a low near 0 in May 1996, February 1998, November 1999, and February 2001 to a high of near 100 ppb in May 2000. The concentration of cis-1,2-DCE in monitoring well MW-08 exceeded the US EPA Maximum Contaminant Level (MCL) of 70 ppb at least 5 times between 1996 and 2001.

The groundwater quality data from monitoring wells including several wells which contained no detectable amounts of the contaminants measured (i.e., GSSMW1, GSSMW3, GSSMW4, GSSMW6, GSSMW8D, GSSMW9, GSSMW12, GSSMW13, and GSSMW14) verified that impacted groundwater was contained and not migrating toward the village well field.

The groundwater monitoring program verified that migration of constituents of concern toward the village well field was not occurring. Concentration contour plots (Figures 31-33) for the constituents of concern demonstrated that, in general, the extent of contamination in the groundwater (the plume) decreased in the cases of PCE, TCE, and 1,1,1-TCA during the time that the groundwater treatment system and soil treatment system were operated. However, fluctuations of contaminants were observed in some source area wells (MW-4D and MW-2D) and, in some instances increasing concentrations were noted, though not on a continuous basis.

4.5 Source Area Soil Treatment

In December 1995, a Design Technical Memorandum for the *Remediation of Impacted Soils* (Design Technical Memorandum) approved by US EPA outlined an investigation to obtain data for the selection and design of a remedial solution for contaminated soils. The investigation was implemented during the Spring of 1996, and data were evaluated and forwarded to US EPA in the *Soil Data Report* dated September 1996 and revised in December 1996. In December 1996, a groundwater flow model and contaminant fate and transport model were developed to aid in the determination of soil treatments requirements. The results of that study were forwarded to US EPA (Groundwater Flow and Contaminant Fate and Transport Model Report 1996, revised in 1998) and were used to evaluate the level of source area soil treatment required.

Based on the outcome of the groundwater flow and contaminant fate and transport model, the Group developed and then submitted in August 1999 *an Engineering Evaluation and Cost Analysis (EE/CA)for the Treatment for Impacted Soils at the Granville Solvents Site.* That document included a streamlined risk evaluation that defined soil treatment goals for both chlorinated and non-chlorinated VOCs in soil that would not pose an unacceptable risk to individuals who might directly contact the soils. As specified in the EE/CA, soil treatment criteria were established for several VOCs (Table 4.5) and only TCE and PCE initially exceeded their treatment goals of 6.67 mg/kg and 5.53 mg/kg, respectively. The above clean-up goals were approved by US EPA in October 1999 (US EPA letter to Ben Pfefferle, III from Sirtaj Ahmed, October 14, 1999) and placed into the administrative record by reference in March, 2000 (US EPA Enforcement Action Memorandum, March 8, 2000).

A soil treatment system consisting of soil vapor extraction, air injection, and air sparging in the saturated zone underneath the source area, was installed in December 2001 and operated through March 2005. VOC removal was routinely monitored by periodically collecting and analyzing off-gases from the SVE system in summa canisters. Based on soil sampling data collected in May 1996 (Table 4.5) a total of 85 pounds of TCE and 110 pounds of PCE were present in source area soils requiring treatment (TCE and PCE were the only chemicals of concern that exceeded US EPA approved removal action criteria- US EPA Enforcement Action Memorandum, March 8, 2000). Concentrations of SVE off gases collected in summa canisters in June 2004 when compared to similar samples collected in December 2001 (Table 4.6) indicated that approximately 334 pounds of VOCs had been removed by the SVE system since start-up.

The above data demonstrates that soil treatment goals have been achieved. Approximately 125 pounds of TCE and 184 pounds of PCE have been removed. Based on this data, soils beneath the Site have been treated to required levels established in the approved Engineering Evaluation/Cost Analysis (EE/CA) such that groundwater beneath the soils will not be contaminated above the "no further action" levels.

5. TREATMENT SUSPENSION AND GROUNDWATER QUALITY MONITORING

Based on groundwater quality and soil data collected at the Site since May 1996, the Group suspected that the contaminant concentrations underneath the Site had stabilized to the extent that the plume may no longer pose a threat to the village well field absent additional treatment. The Group submitted a proposal to US EPA to suspend treatment of both groundwater and soil and monitor groundwater quality in selected wells over the next 5 years to determine if contaminant levels had stabilized to a point wherein there was little or no threat of contaminating groundwater in the village well field. US EPA approved the proposal and groundwater and soil treatment were suspended in March 2005. A number of monitoring wells were selected at the source of contamination (source area wells), at an intermediate distance downstream of the source area (leading edge wells) and at or near the village well field as compliance wells. An additional well (GSS-MW-15) was installed between the source area wells and the leading edge wells to help detect the reformation of a plume before it reached the leading edge wells.

5.1 New Groundwater Monitoring Well

Monitoring well GSS-MW-15 was installed on September 6, 2005 some 300 feet downgradient from the source area. GSS-MW-15 was constructed with 2-inch PVC to a depth of 34 feet below ground surface with a screen interval from 896.07 feet to 886.07 feet (24 to 34 feet below existing ground surface). The screen interval was based on split spoon samples collected during boring installation. One 2 foot sample was collected every five feet from ground surface to 22 feet below ground surface. Samples were collected continuously from 20 feet to 34 feet. Groundwater was first encountered below a semi-confining unit noticed in the sample collected from 24 to 26 feet. The semi-confining unit consisted of alternating layers of silty sand and gravel, silty clay, and cobble. The well log and drilling report are included in Appendix D.

GSS-MW-15 was developed and then sampled using a 12-volt submersible pump on September 8, 2005. The pump and hose were decontaminated internally and externally with potable water, Liquinox, and rinsed with de-ionized water prior to placement in the well. An equipment blank was collected from the pump following decontamination. Well development consisted of surging and pumping the well continuously until field parameters, including pH, conductivity, dissolved oxygen, and oxidation-reduction potential, had stabilized and turbidity was less than 5 NTU.

5.2 Potentiometric Surface Determinations

Potentiometric surface elevations were routinely measured from August 2005 to September 2009 to evaluate groundwater flow direction. Water table levels measured between August 2005 and September 2009 are listed in Table 5.1 – Table 5.5 and potentiometric surface maps from August 2005 through September 2009 can be found in Appendix E.

In general, groundwater flow following suspension of treatment has been to the South towards Raccoon Creek. The latest potentiometric surfaces measured in September 2009 were similar to others in that

groundwater flow was still towards Raccoon Creek. In addition, the March 2009 map indicated that a subtle groundwater divide separates the Site from the village well field due to pumping at the water treatment plant. This groundwater divide supports the conclusion that the residual groundwater plume from the Site is not nor will not affect the village well field in the absence of groundwater extraction. Site VOC plume data tends to support this idea, with the exception of VOC increases in wells GSSMW-15, MW-2D, and MW-8, which suggest a potential western shift of the plume. However, the observed increases may be due to dispersion overriding the low gradients at the Site, stratigraphic variation in deposition controlling lateral plume movements, or the transient nature of the local groundwater flow during periods when Raccoon Creek changes from a gaining to a losing stream.

5.3 Groundwater Quality Monitoring –

Beginning in March 2005, the groundwater quality monitoring program was modified to include selected existing wells and the new well, GSSMW-15, installed in September 2005. Monitoring wells MW-2D, MW-4D, MW-6, and MW-P1 were designated to be "source area wells" because data collected from those wells would represent contaminant concentrations and changes in concentrations in the contaminant source area. Wells MW-8 and MW-7 were the designated "leading edge" wells to help track and detect the leading edge of plumes migrating from the source area towards the village well field and wells GSSMW-8 and GSSMW-9 were compliance area wells located in the "compliance zone" near the Village of Granville's production well PW-1. Wells were sampled at the frequencies specified below between August 2005 and September 2009:

MONITORING WELL	SAMPLING FREQUENCY
MW-2D	Semi-annually
MW-4D	Semi-annually
MW-6	Semi-annually
MW-P1	Semi-annually
MW-7D	Semi-annually
MW-8	Semi-annually
GSSMW-8	Semi-annually
GSSMW-9	Semi-annually
GSSMW-15	Semi-annually
GSSEW-01	Annually

Monitoring wells were sampled at the following times over the past 5 years:

- August 2005
- May 2006
- July 2006
- May 2007 (annual)
- September 2007
- April 2008 (annual)
- September 2008

- March 2009 (annual)
- September 2009

Groundwater quality data collected over the 5 year period after treatment was suspended are included in Appendix F. Plume maps are included in Appendix G. The principal contaminants that have been detected in measurable quantities in all monitoring wells with the exception of GSSMW-8, and GSSMW-9 (the compliance wells) include 1,1,1-TCA, cis-1,2-DCE, trans-1,2-DCE, PCE, and TCE. Measured levels of 1,1,1-TCA, PCE, TCE, and cis-1,2-DCE observed in source area wells MW-4D (Figure 5-1), MW-P1 (figure 5.2), and MW-6 (Figure 5.3) have remained similar to concentrations observed in those wells prior to suspending groundwater and soil treatment in March 2005. However, there has been a measurable increase in the concentration of 1,1,1-TCA, PCE, and TCE observed in MW-2D (Figure 5.4) since treatment was suspended.

Since samples were first collected from monitoring well GSSMW-15 in August 2005, the concentrations of PCE, TCE, 1,1,1-TCA and cis-1,2-DCE observed have increased, and in the case of TCE and PCE above their respective MCLs, over the sampling period (Figure 5-5). None of the compounds of interest, with the exception of an unexplained spike in PCE observed in April 2007, have been detected in MW-7 (figure 5-6) since treat was suspended. The only compound of concern observed in MW-8 has been cis-1,2-DCE which has ranged between 22 ug/l to a little more than 70 ug/l, the MCL for that compound (Figure 5-7). Compounds of interest have not been detected in either compliance (GSSMW-8 and GSSMW-9) (Figures 5.8 and 5.9) before or after suspending groundwater and soil treatment, with the exception of detectable amounts of TCE in samples collected from GSSMW-9 in August 2008 and March 2009.

Data on groundwater quality collected since suspending groundwater and soil treatment indicates that the concentration of VOCs observed in both the compliance area wells and the leading edge wells has remained relatively stable and below the respective MCLs for the compounds monitored. However, it does appear that a localized TCE and PCE "rebound plume" extends from MW-2D in the source area to GSSMW-15. Yet there is no evidence that the plume extends out to MW-8 or MW-7. Potentiometric data suggests that a groundwater divide that would retard the migration of a plume exists between the Site and the Granville Village Well Field, absent of any groundwater extraction on the site.

6. SUMMARY OF REMOVAL ACTION COSTS AND MATERIALS REMOVED OFF SITE

6.1 Budget Summary –

Estimated costs to complete all removal actions are listed in Table 6.1. Just over $7,000,000 was invested in engineering and technical services, while $1,000,000 in response fees to US EPA and $63,000 in site management costs.

6.2 Materials Removed Off Site -

Most of the materials used in the operation of the Granville Solvents Site were removed prior to the Group entering into the AOC and participating in the Removal Action. As noted in Section 2.2.2 of this report. OEPA removed all known containerized waste; on-site storage tanks, and wastewater generated on site.

The Group shipped small quantities of hazardous wastes generated on site to Wayne Disposal, Inc. owned at the time by EQ, Inc for proper disposal in 2001. The waste generally consisted of small quantities of septic debris (F002), miscellaneous debris (F003) and bag filters (F002) from the water treatment process. Specific manifests for the waste shipments were not in the existing records, but a 2001 Annual Hazardous Waste Report submitted to OEPA and an LDR Certification Form dated October 10, 2000 has been placed in Appendix I of this report.

7. CONCLUSIONS AND RECOMMENDATIONS

Conclusions –

The following conclusions are based on more than 10 years of groundwater treatment and source area soils and 5 years of monitoring groundwater quality at and beyond the Site:

1. The groundwater extraction and treatment system that was installed and started operation in December 1994 halted migration of groundwater contamination from the Site and reduced the mass and size of the groundwater contamination plume to the extent that groundwater treatment has been suspended over the past 5 years while still meeting the obligations established in the AOC.

2. Village production well PW-4 was installed in the village well field to reinstate the capacity of production well PW-1.

3. A soil treatment system was installed and operated from 2001 to 2005. Concentrations of contaminants (19 chemicals of concern identified in the approved Engineering Evaluation/Cost Analysis (EE/CA)) in soils beneath the Site have been reduced to the extent that (a) groundwater in the compliance zone will not exceed MCLs and (b) groundwater beneath the Site will not become contaminated above the no further action levels defined in the EE/CA.

4. Contaminants monitored in groundwater following suspension of both groundwater and soil treatment in March 2005 have stabilized to the extent that increases in TCE and PCE have been observed in only two wells (MW-2D and GSSMW-15) in the past 5 years. Both the TCE and PCE plumes appear to be "rebound plumes" generated after treatment suspension and do not pose a threat to the village well field at this time. The latest groundwater data collected suggests that

a groundwater divide exists at the Site that would retard or prevent the TCE/PCE plume from impacting the village well field.

The Group has achieved the cleanup criteria in groundwater at the compliance zone, in the groundwater beneath the Site, and in the soil in the source area. As a result the Group has addressed and completed all removal actions listed in the AOC.

Recommendations –

1. Based upon the work completed and the conclusion that the Group has now completed all removal actions listed in the AOC, the Group recommends that EPA, following its review of this summary report and the data herein, issue a Notice of Completion consistent with the terms and conditions outlined in Section XVII Notice of Completion of the AOC.

2. Consistent with Section V, paragraph 2.4, the Group will submit a proposal for post-removal site control that will include: (1) site security measures; (2) procedures and time frames to dismantle and remove site groundwater and soil treatment facilities; (3) a post-closure groundwater monitoring plan to assess the stabilization of the plume which will consist of annual sampling of a selected number of wells until plume stabilization is confirmed; (4) close selected groundwater wells which are no longer necessary; and, (5) deed restrictions on the property to prevent the use of groundwater under the Site and limit soil disturbance.

8. CERTIFICATION

Under penalty of law, I certify that, to the best of my knowledge, after appropriate inquiries of all relevant persons involved in the preparation of this report, the information submitted is true, accurate, and complete.

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William Brewer, Project Manager
Granville Solvents Site Response Management Group, LLC

Date: July 31, 2010

Table 4.1 Granville Solvents

Groundwater Treatment Operations Data

Month	Average Flow Rate (gpm)	Influent VOC Concentration (ug/L)	Mass Flow Rate (lb/hr)	Total Mass (lb/day)	Total Mass (lb/month)	Hours of Operation (hr/month)	Total Hours in Month (hr/month)	Operation Time (%)	Processed Water (gallons)
Dec-94	289	3.00	0.0004	0.01	0.13	288	288	100.0	5,000,000
Jan-95	202	164.00	0.0166	0.51	12.32	744	744	100.0	9,000,000
Feb-95	226	259.00	0.0293	0.81	19.46	664	672	98.8	9,000,000
Mar-95	157	236.70	0.0186	0.58	13.83	744	744	100.0	7,000,000
Apr-95	216	240.00	0.0260	0.75	18.03	694	720	96.4	9,000,000
May-95	249	146.60	0.0183	0.56	13.46	736	744	98.9	11,000,000
Jun-95	247	178.00	0.0220	0.62	14.86	675	720	93.8	10,000,000
Jul-95	262	156.70	0.0206	0.63	15.04	731	744	98.3	11,500,000
Aug-95	247	149.60	0.0185	0.55	13.24	716	744	96.2	10,600,000
Sep-95	279	24.80	0.0035	0.10	2.48	718	720	99.7	12,000,000
Oct-95	258	105.00	0.0135	0.42	10.08	744	744	100.0	11,500,000
Nov-95	259	102.80	0.0134	0.37	8.84	662	744	89.0	10,300,000
Dec-95	159	100.50	0.0080	0.22	5.37	669	744	89.9	6,400,000
Jan-96	259	83.90	0.0109	0.34	8.05	740	744	99.5	11,500,000
Feb-96	278	108.50	0.0151	0.44	10.51	696	696	100.0	11,600,000
Mar-96	278	146.00	0.0203	0.63	15.11	744	744	100.0	12,400,000
Apr-96	278	56.80	0.0079	0.24	5.69	720	720	100.0	12,000,000
May-96	309	162.50	0.0252	0.78	18.72	744	744	100.0	13,800,000
Jun-96	326	147.60	0.0241	0.70	16.76	696	720	96.7	13,600,000
Jul-96	301	114.90	0.0173	0.53	12.66	732	744	98.4	13,200,000
Aug-96	260	99.80	0.0130	0.40	9.66	744	744	100.0	11,600,000
Sep-96	220	116.10	0.0128	0.38	9.21	719	720	99.9	9,500,000
Oct-96	252	76.00	0.0096	0.30	7.11	740	744	99.5	11,200,000
Nov-96	257	77.90	0.0100	0.30	7.26	724	744	97.3	11,164,080
Dec-96	257	73.90	0.0095	0.29	6.89	724	744	97.3	11,164,080
Jan-97	250	103.45	0.0130	0.40	9.53	736	744	98.9	11,040,000
Feb-97	250	107.31	0.0134	0.38	9.03	672	672	100.0	10,080,000
Mar-97	250	117.65	0.0147	0.46	10.96	744	744	100.0	11,160,000
Apr-97	255	124.65	0.0159	0.47	11.34	712	720	98.9	10,893,600
May-97	255	88.24	0.0113	0.34	8.05	714	744	96.0	10,924,200
Jun-97	255	100.94	0.0129	0.38	9.21	714	720	99.2	10,924,200
Jul-97	250	147.57	0.0185	0.57	13.67	740	744	99.5	11,100,000

Table 4.1 Granville Solvents

Groundwater Treatment Operations Data

Month	Average Flow Rate (gpm)	Influent VOC Concentration (ug/L)	Mass Flow Rate (lb/hr)	Total Mass (lb/day)	Total Mass (lb/month)	Hours of Operation (hr/month)	Total Hours in Month (hr/month)	Operation Time (%)	Processed Water (gallons)
Aug-97	250	158.64	0.0199	0.61	14.62	736	744	98.9	11,040,000
Sep-97	250	132.66	0.0166	0.49	11.86	714	720	99.2	10,710,000
Oct-97	240	88.35	0.0106	0.32	7.65	720	744	96.8	10,368,000
Nov-97	240	91.90	0.0110	0.34	8.22	744	744	100.0	10,713,600
Dec-97	240	76.20	0.0092	0.27	6.38	696	744	93.5	10,022,400
Jan-98	220	88.80	0.0098	0.28	6.81	696	744	93.5	9,187,200
Feb-98	220	82.40	0.0091	0.26	6.32	696	672	103.6	9,187,200
Mar-98	220	76.20	0.0084	0.24	5.84	696	744	93.5	9,187,200
Apr-98	230	77.82	0.0090	0.26	6.24	696	720	96.7	9,604,800
May-98	240	112.71	0.0135	0.42	10.08	744	744	100.0	10,713,600
Jun-98	240	77.32	0.0093	0.26	6.25	672	720	93.3	9,676,800
Jul-98	260	117.08	0.0152	0.47	11.34	744	744	100.0	11,606,400
Aug-98	275	77.01	0.0106	0.33	7.85	740	744	99.5	12,210,000
Sep-98	260	86.64	0.0113	0.34	8.10	718	720	99.7	11,200,800
Oct-98	266	79.30	0.0106	0.33	7.86	744	744	100.0	11,874,240
Nov-98	266	87.13	0.0116	0.35	8.36	720	744	96.8	11,491,200
Dec-98	278	90.13	0.0126	0.38	9.14	728	744	97.8	12,143,040
Jan-99	259	86.92	0.0113	0.34	8.25	732	744	98.4	11,375,280
Feb-99	250	95.21	0.0119	0.33	8.01	672	672	100.0	10,080,000
Mar-99	244	91.55	0.0112	0.35	8.32	744	744	100.0	10,892,160
Apr-99	235	106.29	0.0125	0.36	8.66	692	720	96.1	9,757,200
May-99	245	82.93	0.0102	0.32	7.57	744	744	100.0	10,936,800
Jun-99	252	93.85	0.0118	0.36	8.53	720	720	100.0	10,886,400
Jul-99	225	66.95	0.0075	0.23	5.55	736	744	98.9	9,936,000
Aug-99	228	58.80	0.0067	0.21	4.94	736	744	98.9	10,068,480
Sep-99	233	63.00	0.0074	0.22	5.23	712	720	98.9	9,953,760
Oct-99	197	49.30	0.0049	0.15	3.50	720	744	96.8	8,510,400
Nov-99	197	49.30	0.0049	0.14	3.46	712	744	95.7	8,415,840
Dec-99	187	63.00	0.0059	0.18	4.39	744	744	100.0	8,347,680
Jan-00	159	38.20	0.0030	0.09	2.26	744	744	100.0	7,097,760
Feb-00	206	46.40	0.0048	0.13	3.24	676	696	97.1	8,355,360
Mar-00	220	45.00	0.0050	0.15	3.69	744	744	100.0	9,820,800

Table 4.1 Granville Solvents

Groundwater Treatment Operations Data

Month	Average Flow Rate (gpm)	Influent VOC Concentration (ug/L)	Mass Flow Rate (lb/hr)	Total Mass (lb/day)	Total Mass (lb/month)	Hours of Operation (hr/month)	Total Hours in Month (hr/month)	Operation Time (%)	Processed Water (gallons)
Apr-00	229	66.20	0.0076	0.23	5.47	720	720	100.0	9,892,800
May-00	229	64.46	0.0074	0.23	5.46	739	744	99.3	10,153,860
Jun-00	229	69.10	0.0079	0.24	5.71	720	720	100.0	9,892,800
Jul-00	196	41.20	0.0040	0.13	3.01	744	744	100.0	8,749,440
Aug-00	180	33.90	0.0031	0.09	2.27	744	744	100.0	8,035,200
Sep-00	176	27.50	0.0024	0.07	1.73	712	720	98.9	7,518,720
Oct-00	176	23.90	0.0021	0.07	1.57	744	744	100.0	7,856,640
Nov-00	170	16.80	0.0014	0.04	1.03	720	744	96.8	7,344,000
Dec-00	166	11.40	0.0021	0.07	1.57	744	744	100.0	7,410,240
Jan-01	145	9.60	0.0014	0.04	1.05	736	744	98.9	6,403,200
Feb-01	165	13.40	0.0009	0.03	0.63	664	672	98.8	6,573,600
Mar-01	278	49.40	0.0069	0.21	5.12	744	744	100.0	12,409,920
Apr-01	314	56.30	0.0089	0.27	6.38	720	720	100.0	13,564,800
May-01	307	64.60	0.0099	0.31	7.39	744	744	100.0	13,704,480
Jun-01	300	94.50	0.0142	0.43	10.22	720	720	100.0	12,960,000
Jul-01	231	118.00	0.0137	0.41	9.83	720	744	96.8	9,979,200
Aug-01	230	71.80	0.0083	0.25	5.96	720	744	96.8	9,936,000
Sep-01	228	85.00	0.0097	0.29	6.99	720	720	100.0	9,849,600
Oct-01	246	55.40	0.0068	0.21	5.02	736	744	98.9	10,863,360
Nov-01	231	54.30	0.0063	0.19	4.67	744	744	100.0	10,311,840
Dec-01	240	52.80	0.0063	0.20	4.71	742	744	99.7	10,684,800
Jan-02	252	56.90	0.0072	0.22	5.30	738	744	99.2	11,158,560
Feb-02	228	58.90	0.0067	0.18	4.36	648	672	96.4	8,864,640
Mar-02	255	53.50	0.0068	0.21	5.08	744	744	100.0	11,383,200
Average	**238.9**	**88.7**		**0.32**	**7.79**	**715.9**		**98.5**	**10,250,244**
Total					**686**				**902,021,460**

Table 4-2 Granville Solvents Site

Groundwater Treatment Influent/Effluent VOC Analytical Results

	TCE		PCE		cis-1,2-DCE		1,1,1-TCA		1,1-DCA		Carbon Tet.		Total	Total	Removal
	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Infl.	Effl.	Efficiency
Date	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(%)
1-Dec-94	3.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	0	100.00
17-Jan-95	28.00	ND	79.00	1.00	39.00	2.00	21.00	ND	ND	ND	ND	ND	167	3	98.20
15-Feb-95	53.00	ND	130.00	ND	41.00	ND	35.00	ND	ND	ND	ND	ND	259	0	100.00
15-Mar-95	59.00	ND	110.00	0.30	30.00	ND	38.00	ND	ND	ND	ND	ND	237	0.3	99.87
12-Apr-95	62.00	ND	110.00	ND	28.00	ND	40.00	ND	ND	ND	ND	ND	240	0	100.00
17-May-95	41.00	1.00	66.00	1.00	15.00	1.00	28.00	0.40	ND	ND	ND	ND	150	3.4	97.73
17-Jun-95	54.00	2.00	76.00	1.00	17.00	2.00	36.00	ND	ND	ND	ND	ND	183	5	97.27
12-Jul-95	45.00	ND	67.00	0.30	13.00	ND	32.00	ND	ND	ND	ND	ND	157	0.3	99.81
11-Aug-95	46.00	1.00	61.00	0.70	13.00	0.70	32.00	ND	ND	ND	ND	ND	152	2.4	98.42
13-Sep-95	7.00	ND	11.00	0.20	2.00	ND	5.00	ND	ND	ND	ND	ND	25	0.2	99.20
19-Oct-95	33.00	ND	40.00	ND	8.00	ND	24.00	ND	ND	ND	ND	ND	105	0	100.00
14-Nov-95	32.00	0.50	41.00	0.40	8.00	0.30	23.00	ND	ND	ND	ND	ND	104	1.2	98.85
13-Dec-95	31.00	0.90	39.00	0.60	8.00	ND	24.00	ND	ND	ND	ND	ND	102	1.5	98.53
18-Jan-96	26.00	0.50	33.00	0.30	6.00	0.30	20.00	ND	ND	ND	ND	ND	85	1.1	98.71
22-Feb-96	37.00	0.70	39.00	0.40	8.00	0.40	26.00	ND	ND	ND	ND	ND	110	1.5	98.64
21-Mar-96	50.00	0.90	55.00	0.50	10.00	0.60	33.00	ND	ND	ND	ND	ND	148	2	98.65
17-Apr-96	20.00	1.00	22.00	0.60	4.00	0.60	13.00	ND	ND	ND	ND	ND	59	2.2	96.27
14-May-96	59.00	0.90	58.00	ND	11.00	0.60	36.00	ND	ND	ND	ND	ND	164	1.5	99.09
18-Jun-96	55.00	1.00	50.00	0.70	10.00	0.70	35.00	ND	ND	ND	ND	ND	150	2.4	98.40
17-Jul-96	41.00	1.00	42.00	0.60	7.00	0.50	27.00	ND	ND	ND	ND	ND	117	2.1	98.21
21-Aug-96	35.00	0.80	35.00	0.40	6.00	ND	25.00	ND	ND	ND	ND	ND	101	1.2	98.81
18-Sep-96	40.00	0.80	42.00	0.40	8.00	0.50	28.00	0.20	ND	ND	ND	ND	118	1.9	98.39
16-Oct-96	27.00	1.00	27.00	0.80	5.00	0.70	20.00	0.50	ND	ND	ND	ND	79	3	96.20
20-Nov-96	29.00	2.80	30.00	1.80	5.90	1.40	20.00	1.00	ND	ND	ND	ND	84.9	7	91.76
18-Dec-96	27.00	0.79	24.00	0.51	4.90	0.47	20.00	0.23	ND	ND	ND	ND	75.9	2	97.36
21-Jan-97	33.90	0.70	34.90	0.34	5.90	0.43	27.00	0.24	0.46	ND	ND	ND	102.16	1.71	98.33
19-Feb-97	35.80	0.35	37.30	0.19	5.60	ND	29.30	0.15	ND	ND	ND	ND	108	0.69	99.36
20-Mar-97	36.90	0.62	38.80	0.28	6.50	0.33	36.10	ND	0.58	ND	ND	ND	118.88	1.23	98.97
23-Apr-97	42.40	0.45	43.70	0.24	5.90	ND	33.00	0.16	0.50	ND	ND	ND	125.5	0.85	99.32
22-May-97	31.40	0.38	27.90	ND	5.10	ND	23.80	ND	0.42	ND	ND	ND	88.62	0.38	99.57
20-Jun-97	33.70	1.30	31.30	0.70	5.90	ND	31.40	0.34	0.98	ND	ND	ND	103.28	2.34	97.73
21-Jul-97	53.90	1.60	53.40	0.69	7.00	ND	33.60	ND	0.76	ND	ND	ND	148.66	2.29	98.46

Table 4-2 Granville Solvents Site

Groundwater Treatment Influent/Effluent VOC Analytical Results

	TCE		PCE		cis-1,2-DCE		1,1,1-TCA		1,1-DCA		Carbon Tet.		Total	Total	Removal
	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Infl.	Effl.	Efficiency
22-Aug-97	60.30	0.73	50.80	0.29	8.70	0.28	39.00	0.14	0.77	ND	ND	ND	159.57	1.44	99.10
24-Sep-97	51.60	0.44	41.70	0.17	7.80	ND	31.20	ND	0.57	ND	ND	ND	132.87	0.61	99.54
21-Oct-97	21.50	0.49	16.00	0.26	3.90	ND	12.60	ND	ND	ND	ND	ND	54	0.75	98.61
19-Nov-97	33.50	ND	32.00	ND	5.00	ND	21.40	ND	ND	ND	ND	ND	91.9	0	100.00
18-Dec-97	28.00	ND	25.10	ND	3.70	ND	19.40	ND	ND	ND	ND	ND	76.2	0	100.00
21-Jan-98	28.90	ND	27.70	ND	5.30	ND	26.90	ND	ND	ND	ND	ND	88.8	0	100.00
18-Feb-98	27.50	ND	24.10	ND	4.90	ND	26.80	ND	ND	ND	ND	ND	83.3	0	100.00
18-Mar-98	29.40	0.34	23.10	ND	5.30	ND	23.70	ND	0.37	ND	ND	ND	81.87	0.34	99.58
15-Apr-98	29.50	0.32	22.70	ND	4.40	ND	21.20	ND	0.34	ND	ND	ND	78.14	0.32	99.59
20-May-98	36.90	0.97	31.30	0.27	6.70	0.42	29.10	0.31	0.68	ND	ND	ND	104.68	1.97	98.12
16-Jun-98	37.20	0.43	29.40	0.18	6.40	ND	30.30	ND	0.45	ND	4.50	ND	108.25	0.61	99.44
15-Jul-98	51.50	2.40	31.40	0.75	8.60	1.00	30.40	0.67	ND	ND	ND	ND	121.9	4.82	96.05
19-Aug-98	31.30	1.10	24.30	0.39	4.50	0.44	18.80	0.34	0.38	ND	ND	ND	79.28	2.27	97.14
30-Sep-98	32.30	0.41	24.50	ND	4.90	ND	25.00	ND	0.35	ND	ND	ND	87.05	0.41	99.53
21-Oct-98	28.60	ND	19.90	ND	4.40	ND	26.40	ND	ND	ND	ND	ND	79.3	0	100.00
19-Nov-98	30.40	0.63	30.10	0.26	4.00	ND	23.20	ND	0.32	ND	ND	ND	88.02	0.89	98.99
16-Dec-98	30.80	0.86	30.70	0.54	4.20	0.35	26.20	0.40	0.38	ND	ND	ND	92.28	2.15	97.67
1-Jan-99	30.20	0.59	27.90	0.23	3.50	ND	26.00	0.21	0.35	ND	ND	ND	87.95	1.03	98.83
1-Feb-99	35.00	0.66	30.70	0.30	4.00	ND	26.30	0.22	0.39	ND	ND	ND	96.39	1.18	98.78
1-Mar-99	34.50	0.95	29.40	0.41	4.00	0.33	25.20	0.30	0.44	ND	ND	ND	93.54	1.99	97.87
22-Apr-99	28.90	ND	27.70	ND	5.30	ND	26.90	ND	0.00	ND	ND	ND	88.8	0	100.00
19-May-99	31.30	0.57	23.80	0.19	3.90	ND	24.50	0.16	0.35	ND	ND	ND	83.85	0.92	98.90
14-Jun-99	32.10	0.69	31.40	0.37	3.30	ND	28.00	0.26	0.37	ND	ND	ND	95.17	1.32	98.61
21-Jul-99	24.20	0.63	21.80	0.29	2.80	ND	19.30	0.23	0.00	ND	ND	ND	68.1	1.15	98.31
18-Aug-99	20.80	ND	18.40	ND	2.60	ND	17.00	ND	0.25	ND	ND	ND	59.05	0	100.00
15-Sep-99	20.50	ND	19.20	ND	2.80	ND	18.30	ND	ND	ND	2.20	ND	63	0	100.00
21-Oct-99	16.30	ND	17.00	ND	2.80	ND	13.20	ND	ND	ND	ND	ND	49.3	0	100.00
17-Nov-99	16.60	ND	16.00	ND	2.50	ND	14.80	ND	ND	ND	ND	ND	49.9	0	100.00
15-Dec-99	20.30	ND	20.30	ND	3.10	ND	18.30	ND	ND	ND	ND	ND	62	0	100.00
19-Jan-00	14.00	ND	11.20	ND	2.30	ND	10.20	ND	ND	ND	ND	ND	37.7	0	100.00
17-Feb-00	15.7	ND	16.1	ND	2.7	ND	11.9	ND	ND	ND	ND	ND	46.4	0	100.00
15-Mar-00	17.2	ND	13.7	ND	3.3	ND	13.3	ND	ND	ND	ND	ND	47.5	0	100.00
18-Apr-00	24.2	ND	23.2	ND	4.00	ND	14.8	ND	ND	ND	ND	ND	66.2	0	100.00

Table 4-2 Granville Solvents Site

Groundwater Treatment Influent/Effluent VOC Analytical Results

	TCE		PCE		cis-1,2-DCE		1,1,1-TCA		1,1-DCA		Carbon Tet.		Total	Total	Removal
	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Infl.	Effl.	Efficiency
18-May-00	23.96	ND	19.5	ND	4.00	ND	17	ND	ND	ND	ND	ND	64.46	0	100.00
21-Jun-00	25.2	0.4	19.6	ND	3.6	0.19	20.7	ND	ND	ND	ND	ND	69.1	0.59	99.15
26-Jul-00	14	0.32	15.6	ND	2.8	ND	8.8	ND	ND	ND	ND	ND	27.2	0.32	98.82
23-Aug-00	11.3	ND	11.7	ND	2.6	ND	8.3	ND	ND	ND	ND	ND	33.9	0	100.00
21-Sep-00	8.1	ND	8.2	ND	2.3	ND	6	ND	ND	ND	ND	ND	24.6	0	100.00
25-Oct-00	7.4	ND	7.1	ND	2.1	ND	7.3	ND	ND	ND	ND	ND	23.9	0	100.00
16-Nov-00	4.5	ND	6.4	ND	2.1	ND	3.8	ND	ND	ND	ND	ND	16.8	0	100.00
19-Dec-00	3.3	ND	4.1	ND	1.7	ND	2.3	ND	ND	ND	ND	ND	11.4	0	100.00
18-Jan-01	2.6	ND	3.2	ND	1.7	ND	2.1	ND	ND	ND	ND	ND	9.6	0	100.00
20-Feb-01	4	ND	4.4	ND	2.3	ND	2.7	ND	ND	ND	ND	ND	13.4	0	100.00
15-Mar-01	19.1	ND	15.1	ND	4.5	ND	14.2	ND	ND	ND	ND	ND	52.9	0	100.00
19-Apr-01	20	ND	18.8	ND	3.6	ND	13.9	ND	ND	ND	ND	ND	56.3	0	100.00
16-May-01	23.3	ND	20.4	ND	3.5	ND	17.4	ND	ND	ND	ND	ND	64.6	0	100.00
16-Jun-01	35.8	ND	28.9	ND	4.6	ND	25.2	ND	ND	ND	ND	ND	94.5	0	100.00
18-Jul-01	39.9	0.49	33.2	ND	5.8	ND	37.8	ND	ND	ND	ND	ND	116.7	0.49	99.58
22-Aug-01	24.4	ND	21.3	ND	3.4	ND	21.6	ND	ND	ND	ND	ND	70.7	0	100.00
4-Oct-01	18.9	0.64	17.5	0.39	3.4	1.5	15.6	ND	ND	ND	ND	ND	55.4	2.53	95.43
17-Oct-01	18	ND	18.9	ND	3.2	ND	14.2	ND	ND	ND	ND	ND	54.3	0	100.00
14-Nov-01	17.8	ND	19.5	ND	3.2	ND	13.9	ND	ND	ND	ND	ND	54.4	0	100.00
12-Dec-01	18.3	ND	17.2	ND	3.2	ND	14.1	ND	ND	ND	ND	ND	52.8	0	100.00
16-Jan-02	19.4	ND	19.5	ND	3.5	ND	14.5	ND	ND	ND	ND	ND	56.9	0	100
13-Feb-02	20.5	ND	20	ND	3.4	ND	15	ND	ND	ND	ND	ND	58.9	0	100
13-Mar-02	17.3	ND	18.1	ND	3.4	ND	14.7	ND	ND	ND	ND	ND	53.5	0	100
Average	33.9	0.9	37.9	0.5	7.9	0.7	25.3	0.3	0.4	ND	3.4	ND	104.1	1.3	98.8

Table 4.3

Granville Solvents Site – Groundwater Monitoring Program

Well	VOC's Quarterly	VOC's Semiannual	VOC's Annual
MW-1			y
MW-2			
MW-2D			y
MW-3			
MW-4	Abandoned		
Mw-4D			
MW-4D2			y
MW-5			y
MW-6			y
MW-6D			y
MW-7			
MW-7D			
MW-8	y	y	y
MW-8D			y
MW-P1			
HP-14			y
HP-15			y
GSS-P1			
GSS-MW1	Abandoned		
GSS-MW2		y	y
GSS-MW3		y	y
GSS-MW-3D		y	y
GSS-MW4		y	y
GSS-MW5		y	y
GSS-MW6	y	y	y
GSS-MW7		y	y
GSS-MW8	y	y	y
GSS-MW9	y	y	y
GSS-MW10	y	y	y
GSS-MW11		y	y
GSS-MW12			y
GSS-MW13			y
GSS-MW-14	y	y	y
TOTAL	6	13	23

Table 4.4

Granville Solvents Site – Well Information

Well	X Coordinate (latitude)	Y Coordinate (longitude)	Elevation – top of casing	Top of Screen (bgs)	Bottom of Screen (bgs)
MW-1	4960.63	5219.11	930.66	28.0	38.0
MW-2	4708.73	5092.43	923.94	15.0	25.0
MW-2D	4701.05	5093.53	924.83	23.0	33.0
MW-3	4977.66	5074.33	917.71	10.0	20.0
MW-4D	4863.79	5078.09	924.77	13.0	23.0
Mw-4D2	4857.96	5080.88	924.56	35.0	45.0
MW-5	5031.07	5151.80	921.80	17.9	27.9
MW-6	4744.63	5183.34	936.35	38.0	48.0
MW-6D	4740.31	5179.39	936.52	54.5	64.5
MW-7	4344.57	5064.19	918.17	14.5	24.5
MW-7D	4354.07	5063.19	918.23	26.9	36.9
MW-8	4325.27	5173.82	928.47	28.0	38.0
MW-8D	4320.85	5170.34	928.27	43.0	53.0
MW-P1	4827.39	5127.49	924.23	21.0	31.0
GSS-MW1	4431.19	5422.25	953.71	66.0	86.0
GSS-MW2	4220.08	4967.82	910.99	17.5	27.5
GSS-MW3	4995.67	4963.20	914.26	32.0	42.0
GSS-MW3D	4981.09	4965.22	914.22	83.0	103.0
GSS-MW4	5183.92	5132.12	925.08	38.0	48.0
GSS-MW5	4824.69	5325.05	959.52	68.7	78.7
GSS-MW6	4647.66	5362.16	961.47	70.0	80.0
GSS-MW7	4870.88	4980.11	914.93	17.0	37.0
GSS-MW8	4107.19	5173.52	917.15	28.0	38.0
GSS-MW9	4096.88	5091.18	917.08	27.0	37.0
GSS-MW10	4008.41	5153.92	916.77	27.0	37.0
GSS-MW11	5063.76	5323.90	952.37	63.0	73.0
GSS-MW12	4723.18	5073.19	923.61	77.0	97.0
GSS-MW13	4895.14	5075.09	923.48	73.5	93.5
GSS-MW-14	3886.39	5174.63	907.00	7.0	27.0
GSS-P1	4200.99	5100.92	917.66	43.5	63.5
GSS-P2	4188.11	6526.48	913.73	41.5	61.5
GSS-P3	3913.19	5006.83	906.08	55.0	65.0
GSS-P4	3565.77	5286.87	907.13	62.0	72.0
PH-1	2446.92	5515.66	911.30	75.0	90.0
PH-2	2417.17	5319.74	911.20	58.0	78.0
PH-3	2446.62	5079.48	909.23	55.0	75.0
PH-4	2828.06	4953.28	911.34	73.0	93.0

VOG PW-1	3893.10	5162.78	909.35	72.0	92.0
VOG PW-2	3404.75	5317.66	909.37	73.0	93.0
VOGPW-3	2932.85	5457.37	910.82	73.0	93.0
VOGPW-4	2461.62	5079.48	911.27	82.8	107.8
HP-14	3788.77	5212.77	910.93	66.0	76.0
HP-15	3693.94	5340.23	911.30	66.0	76.0
GSS-EW1	4205.17	5069.76	915.76	38.0	78.0
GSS-EW2	4838.99	5080.02	916.03	34.5	89.5

Table 4.5

Chemicals of Concern in Source Area Soils and Treatment Criteria Concentrations

Chemical of Concern(1)	Maximum Conc detected in Soil (mg/kg)	Groundwater MCL (mg/l)	Soil Treatment Criteria (mg/l)
1,1,1-trichloroethane	1.70	200.00	148.00
1,1,2-trichloroethane	0.012	6.00	4.00
1,1-dichloroethane	0.011	*	59.00
1,1-dichloroethene	0.007	0.007	3.00
cis-1,2-dichloroethene	4.60	0.07	49.00
trans-1,2-dichloroethene	0.021	1	95.00
2-butanone	0.014	*	360.00
acetone	0.084	*	139.00
benzene	0.014	0.005	3.00
carbon disulfide	0.70	*	3.00
chlorobenzene	0.027	*	66.00
chloroform	0.002	*	62.00
ethylbenzene	3.60	0.70	320.00
methylene chloride	0.002	0.0041	1.60
tetrachloroethene	18.00	0.005	5.53
toluene	0.34	1.00	725.00
trichloroethene	11.00	0.005	6.67
vinyl chloride	0.03	0.002	0.44
xylenes (total)	44.00	10.00	907.00

(1) Chemicals of Concern were identified in EE/CA

* MCLs have not been developed

Table 4.6

SVE System Discharge Summa Canister Results

Compound	Initial Samples - Dec. 2001		Final Samples - March 2005	
	Concentration (ppmv)	Concentration (ug/m^3)	Concentration (ppmv)	Concentration (ug/m^3)
Tetrachloroethene	7.1	48000	0.200	1356
Trichloroethene	3.9	21000	0.280	1504
1,1,1-Trichloroethane	4.8	26000	0.520	2839
cis-1,2-dichloroethene	0.1	440	0.009	35.7
TOTAL VOCs	15.9	95440	1.009	5735

Figure 2.1

Granville Solvents Site, Licking County, Ohio

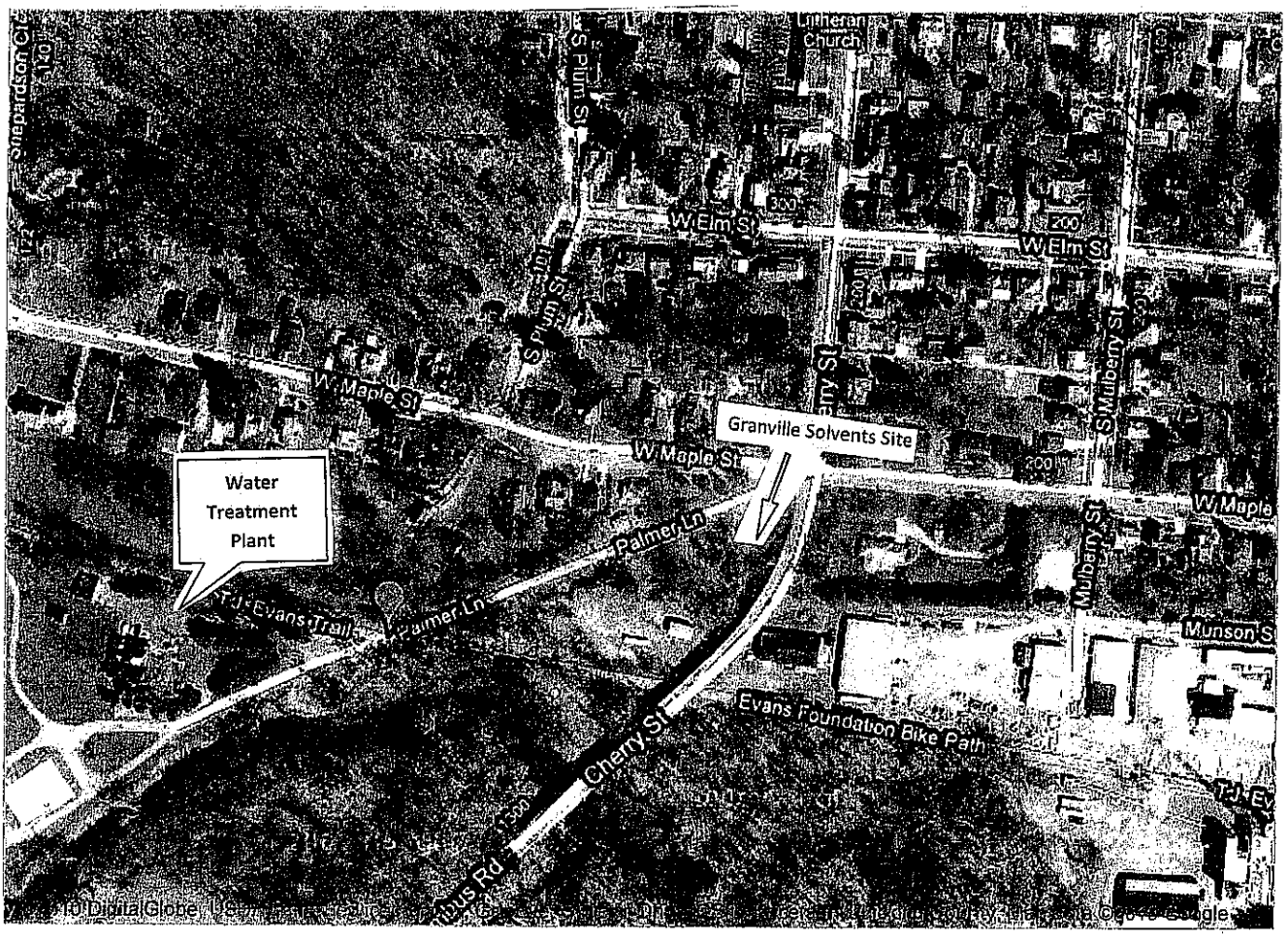
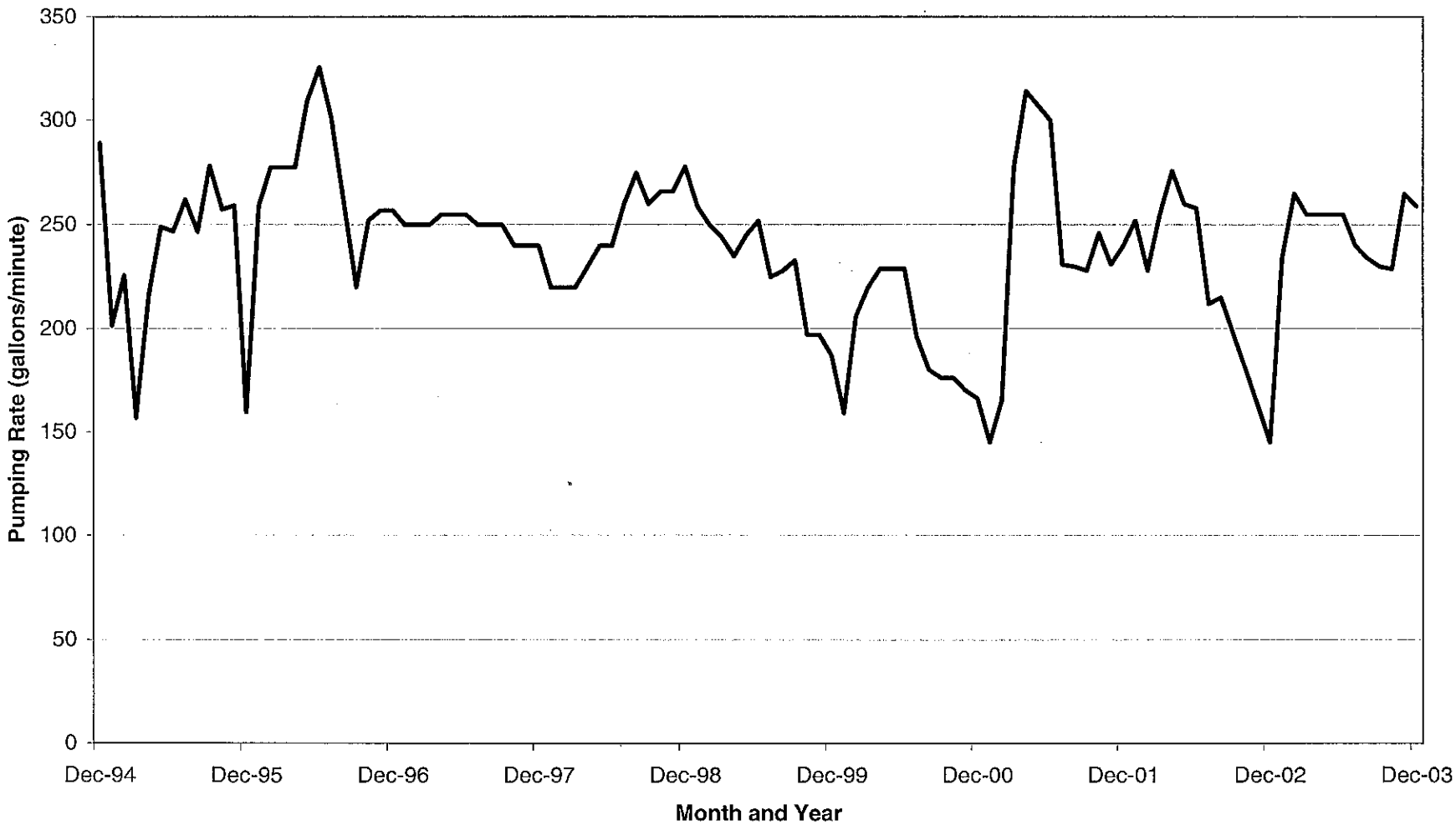


Figure 4-1 Granville Solvents Site

Groundwater Pumping Rate



\\col1fs1\groupdir\PROJ\Granville\DATA\GW P&T\MONTHLY-FLOWDATA.xls

Figure 4-2 Granville Solvents Site

VOC Mass Removal from Groundwater

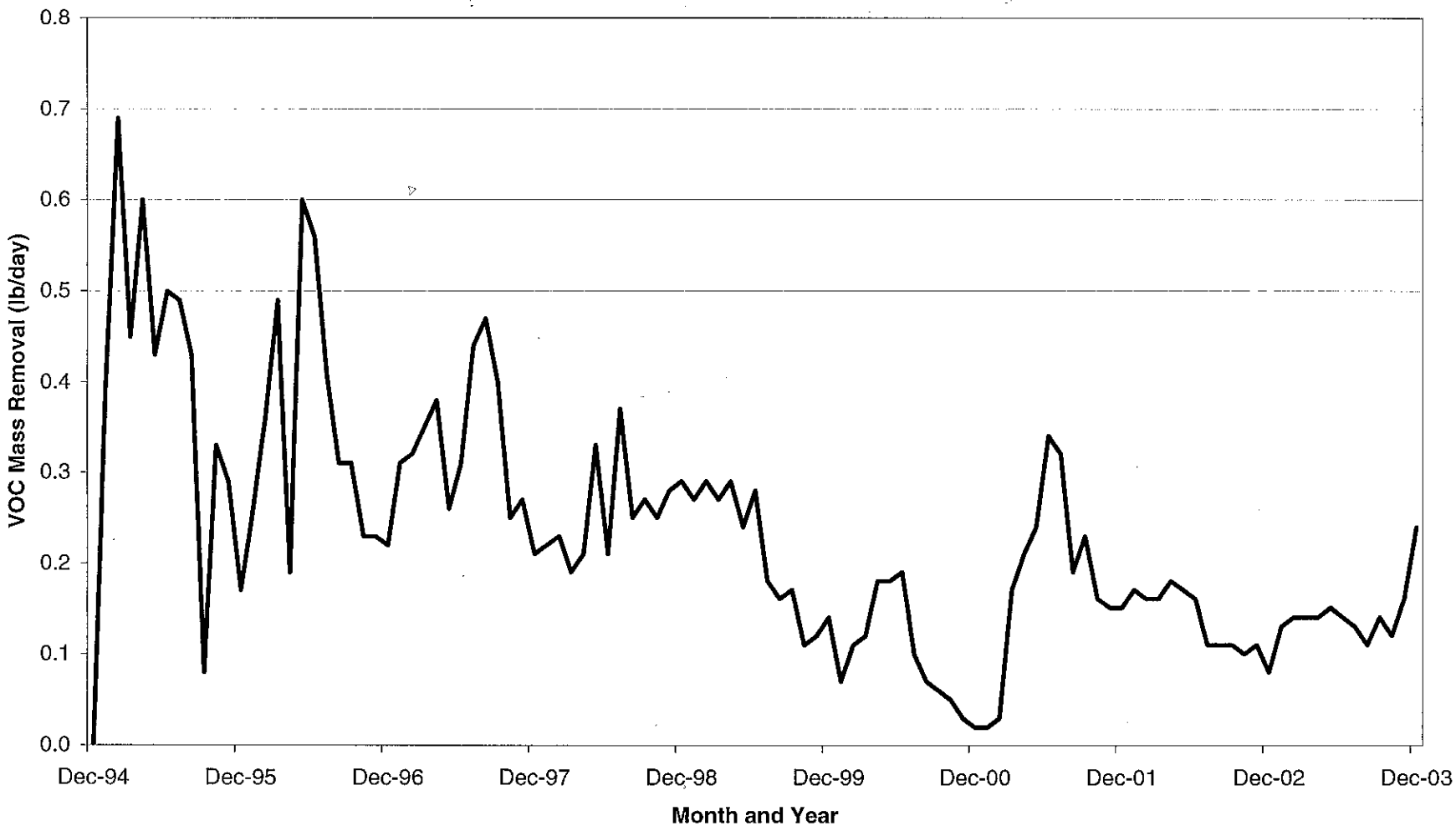


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Figure 4-3 Granville Solvents Site

Groundwater Influent Concentrations

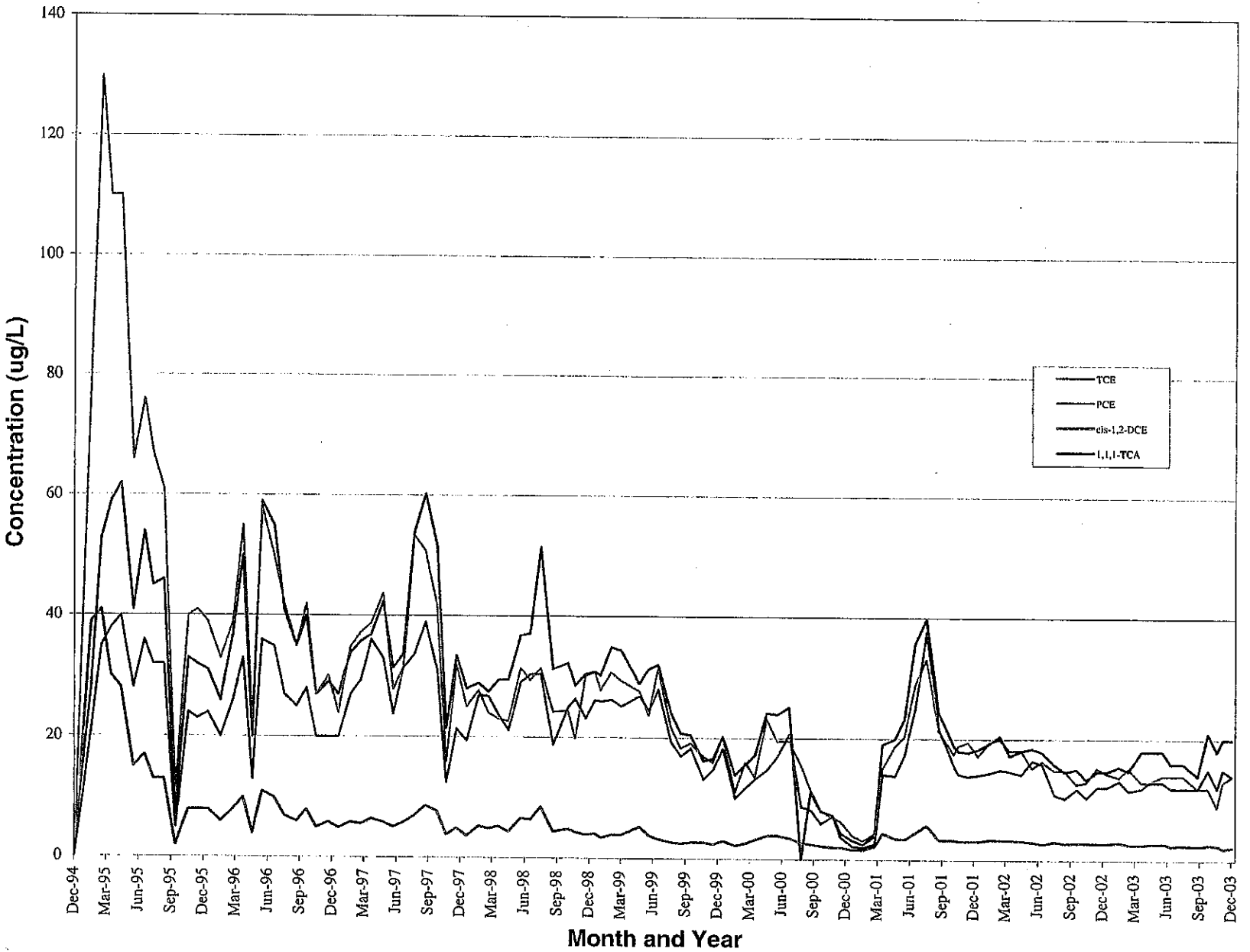

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Figure 4-4 Granville Solvents Site

Treatment System Effluent Concentrations

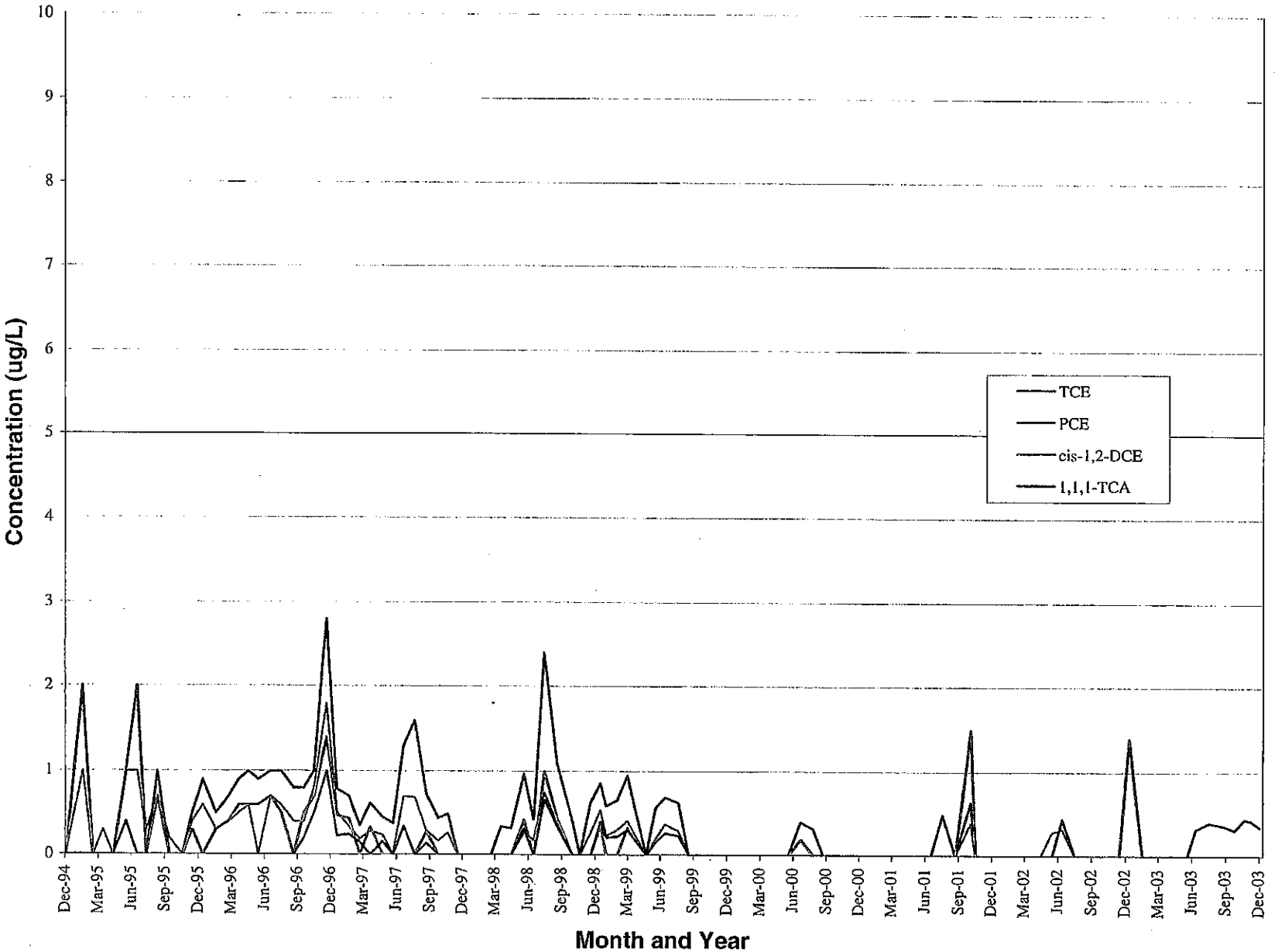

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Figure 4-1 Granville Solvents Site

Groundwater Pumping Rate

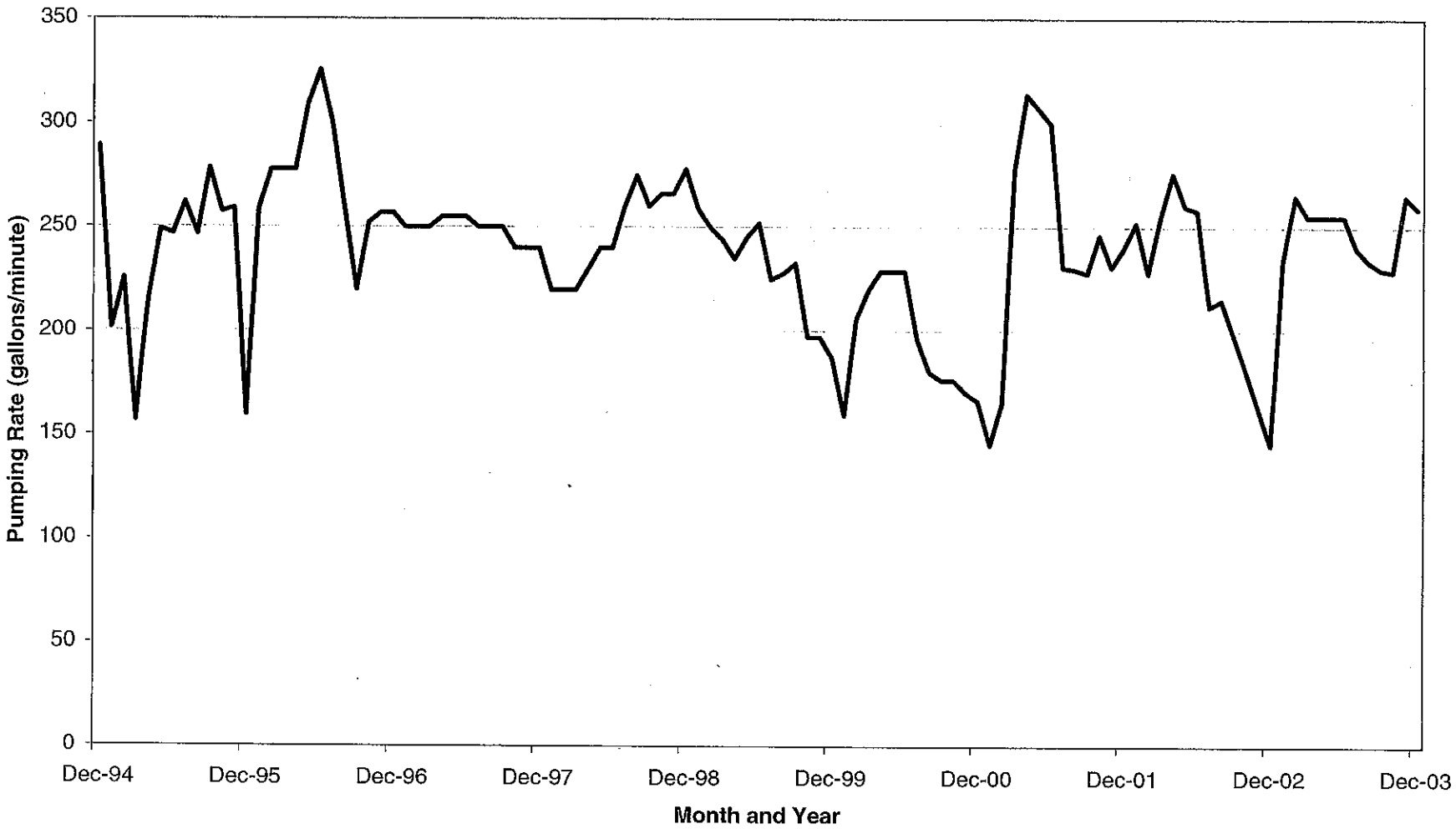

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Figure 4-2 Granville Solvents Site

VOC Mass Removal from Groundwater

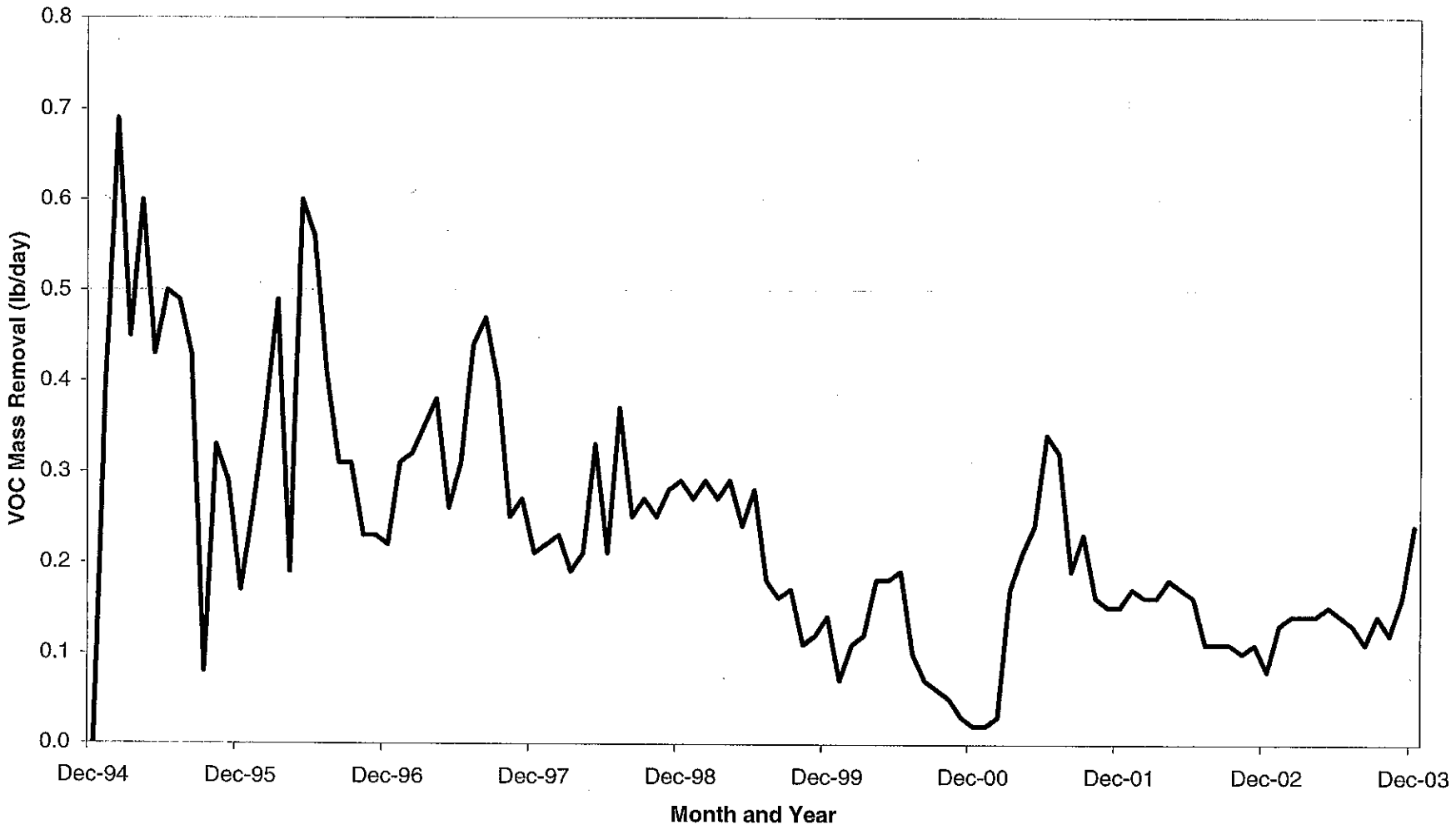

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Figure 4-3 Granville Solvents Site

Groundwater Influent Concentrations

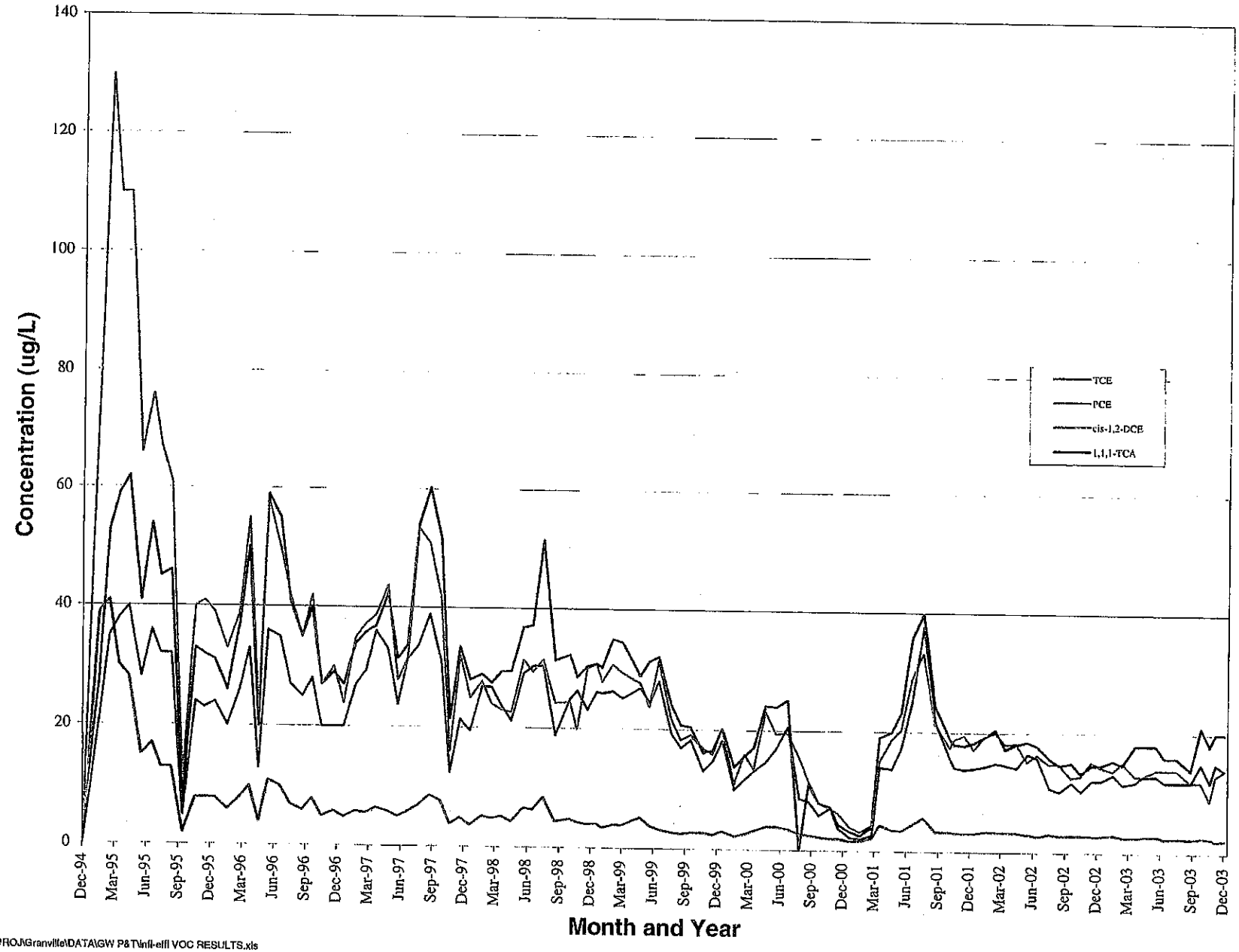

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Figure 4-4 Granville Solvents Site

Treatment System Effluent Concentrations

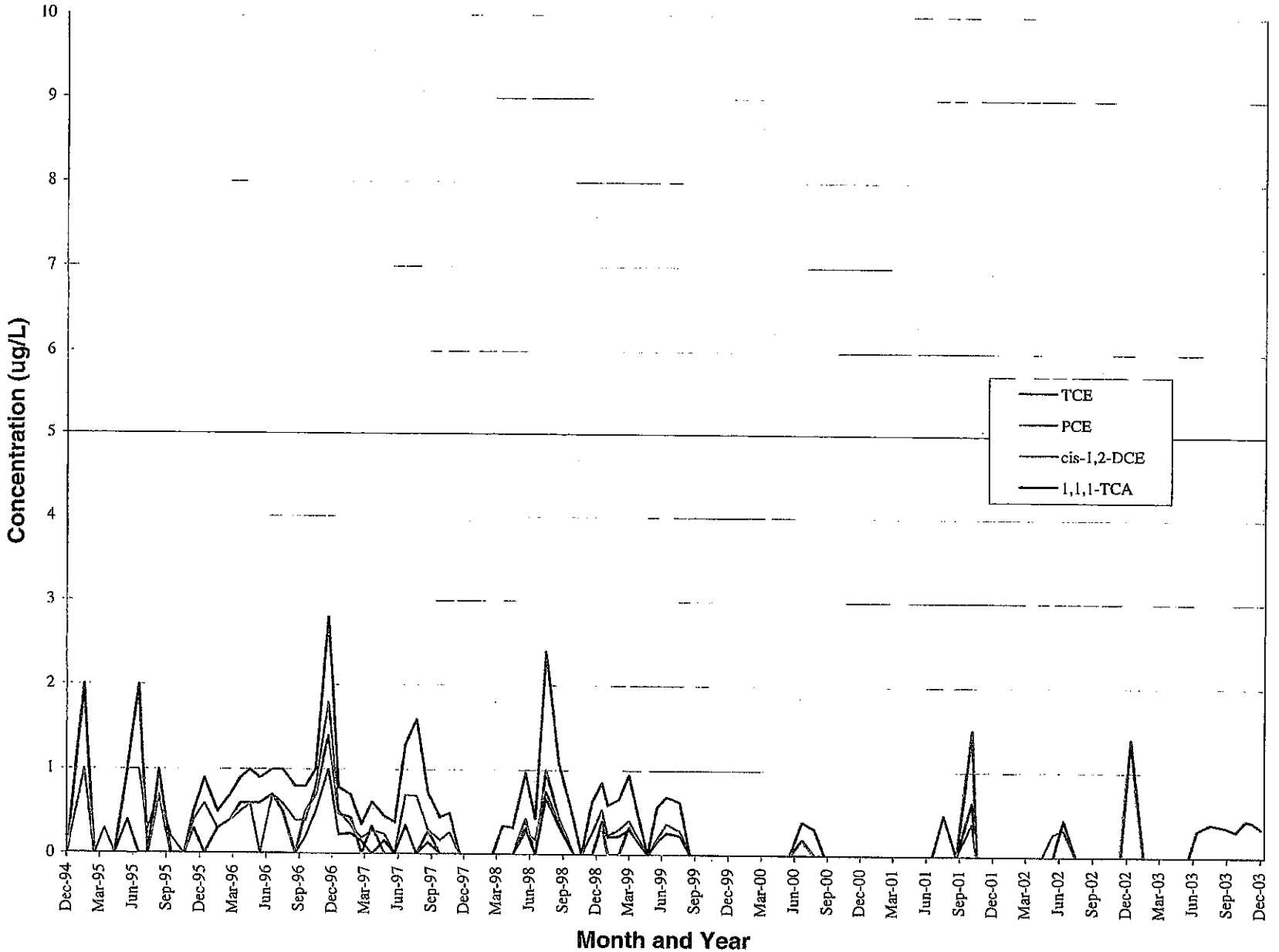

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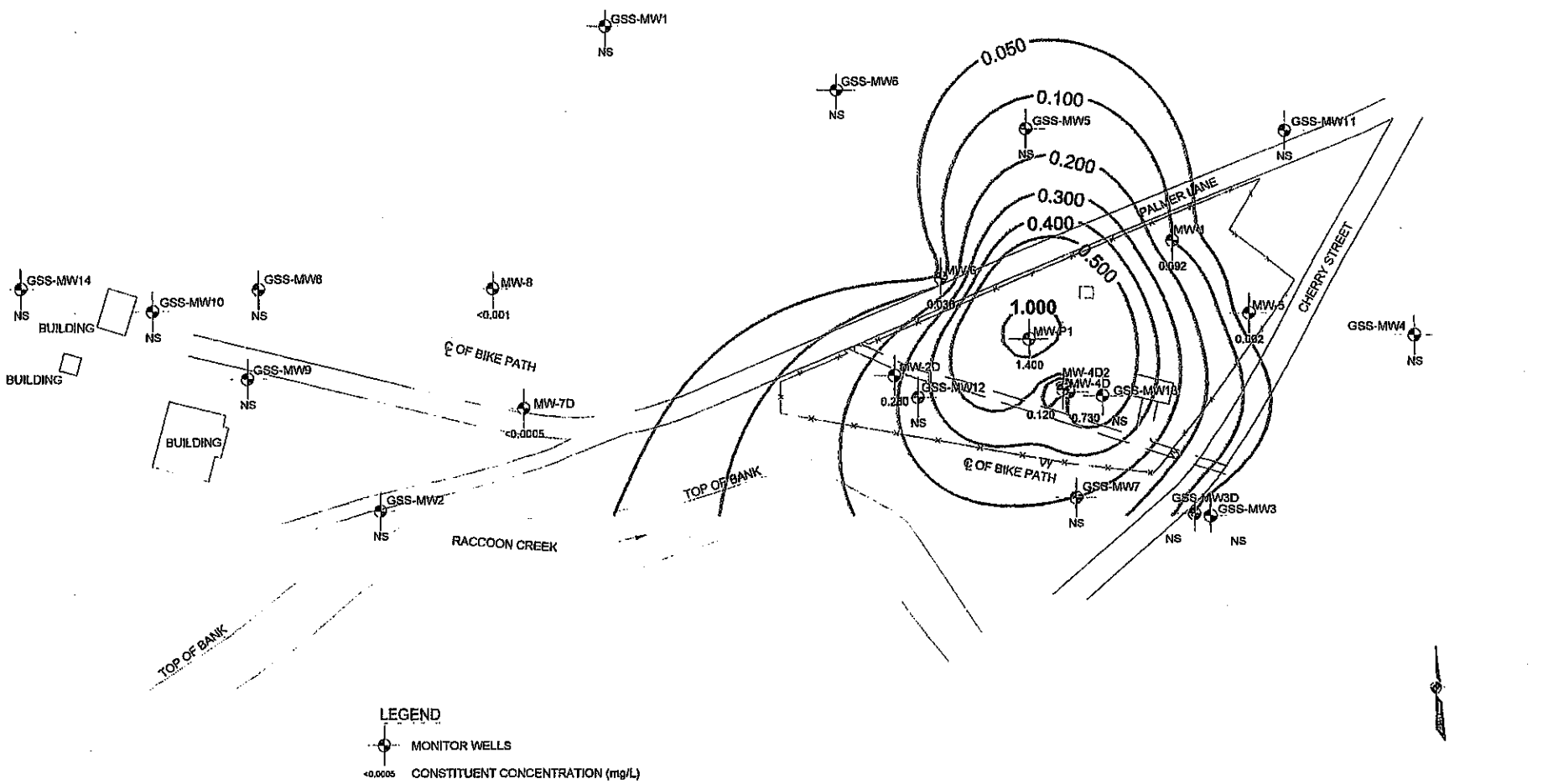
Figure 4-6 Granville Solvents Site

Tetrachloroethene Plume May 1994



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Tetrachloroethene (mg/L)
May 1994

GRANVILLE, OHIO

Project Number
100178

File Name
GSBASEMAP

Figure 4-5 Granville Solvents Site

Monitoring Well Locations

EXPLANATION

MONITOR WELLS

EXTRACTION WELLS

GSS-MW1

nonresponsive

TOP OF BANK

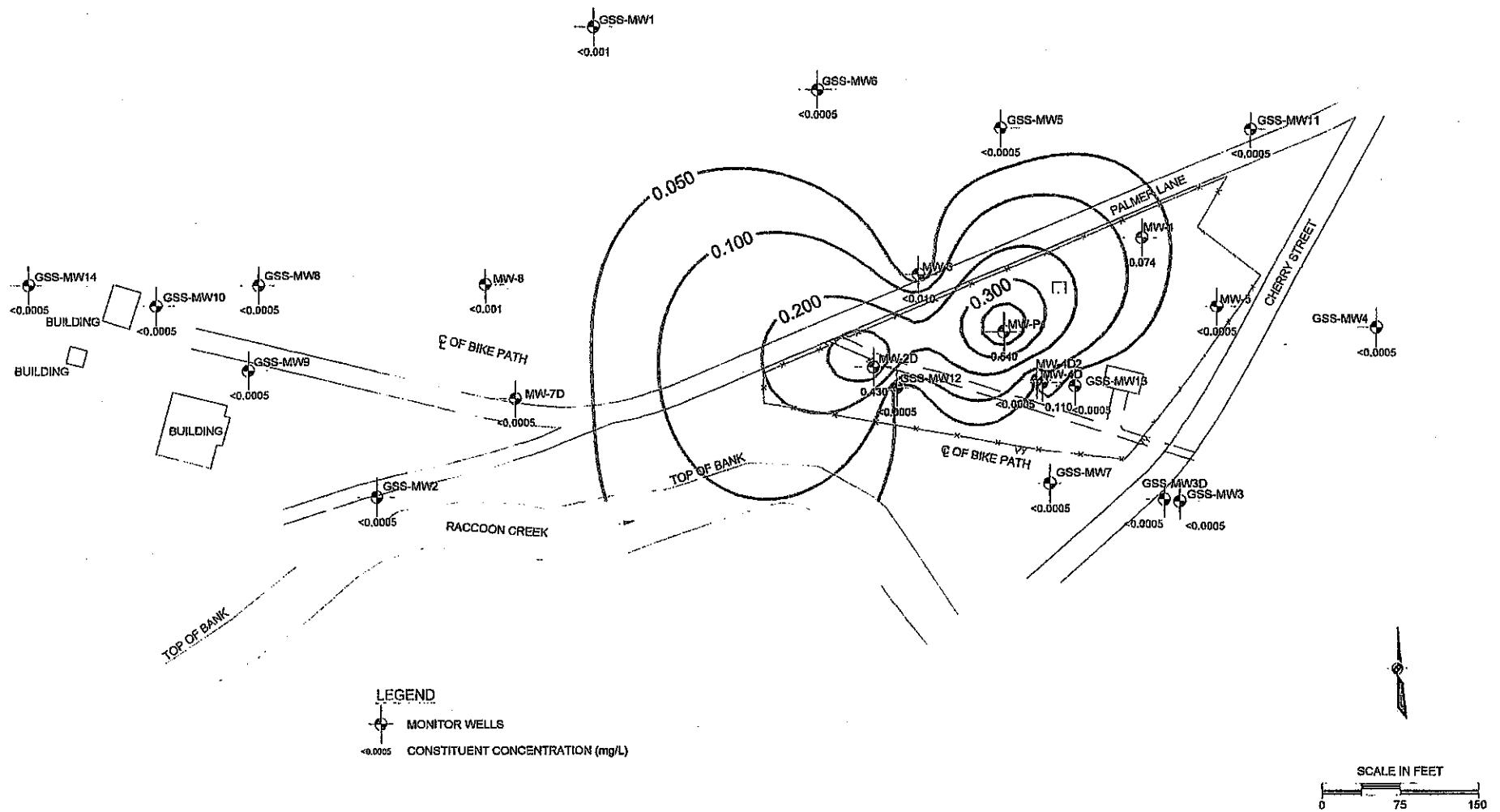
BENCHMARK
ELEV. 935.13

M&E Metcalf & Eddy

GRANVILLE SOLVENTS SITE
ENGINEERING EVALUATION COST ANALYSIS
MONITORING WELL LOCATION MAP
1996
GRANVILLE, OHIO

Figure 4-7 Granville Solvents Site

Tetrachloroethene Plume May 1996



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Tetrachloroethene (mg/L)

May 1996

GRANVILLE, OHIO

Project Number

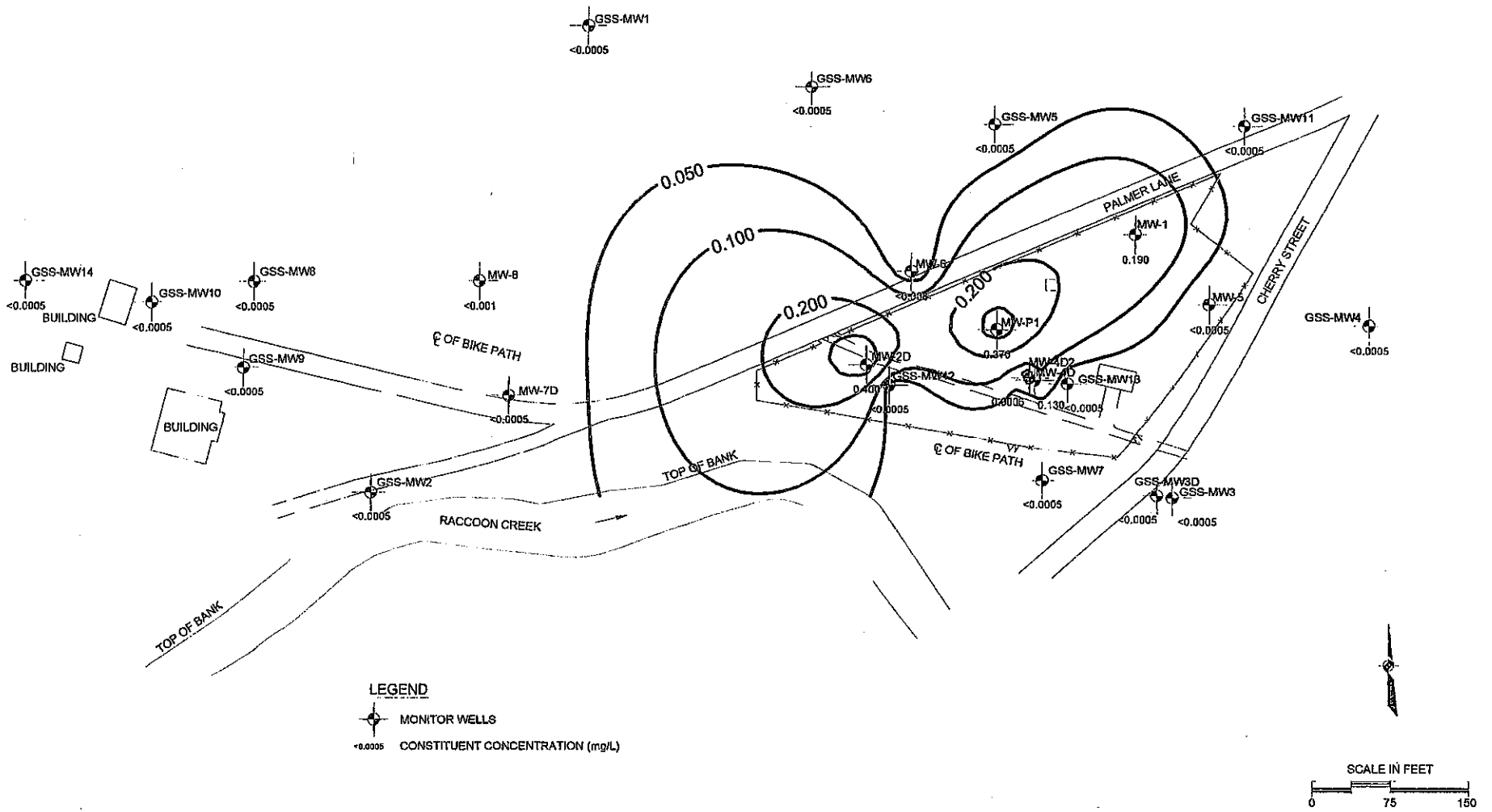
100178

File Name

GSBASEMAP

Figure 4-8 Granville Solvents Site

Tetrachloroethene Plume May 1998



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Tetrachloroethene (mg/L)

May 1998

GRANVILLE, OHIO

Project Number

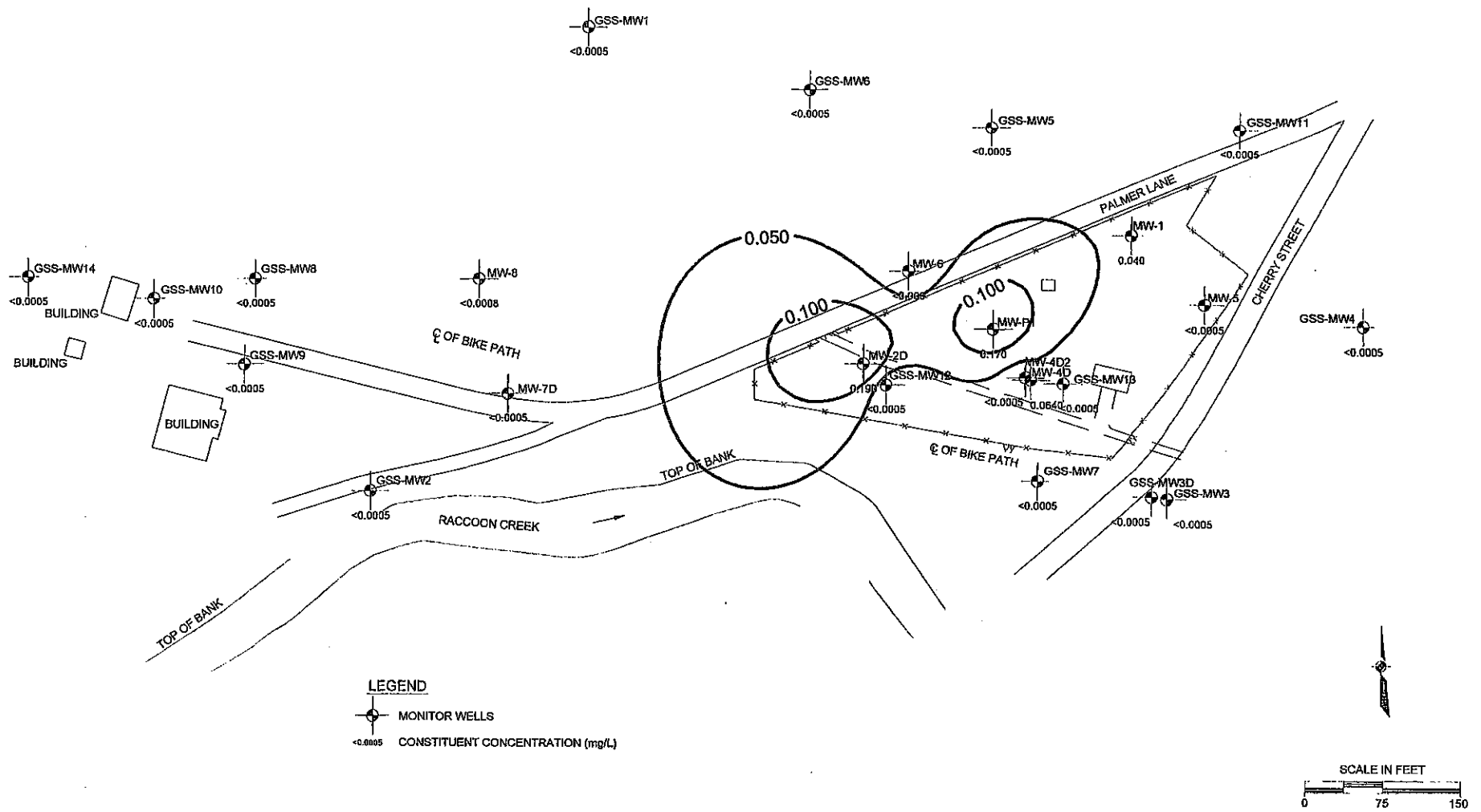
100178

File Name

GSBASEMAP

Figure 4-9 Granville Solvents Site

Tetrachloroethene Plume May 1999



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Tetrachloroethene (mg/L)

May 1999

GRANVILLE, OHIO

Project Number

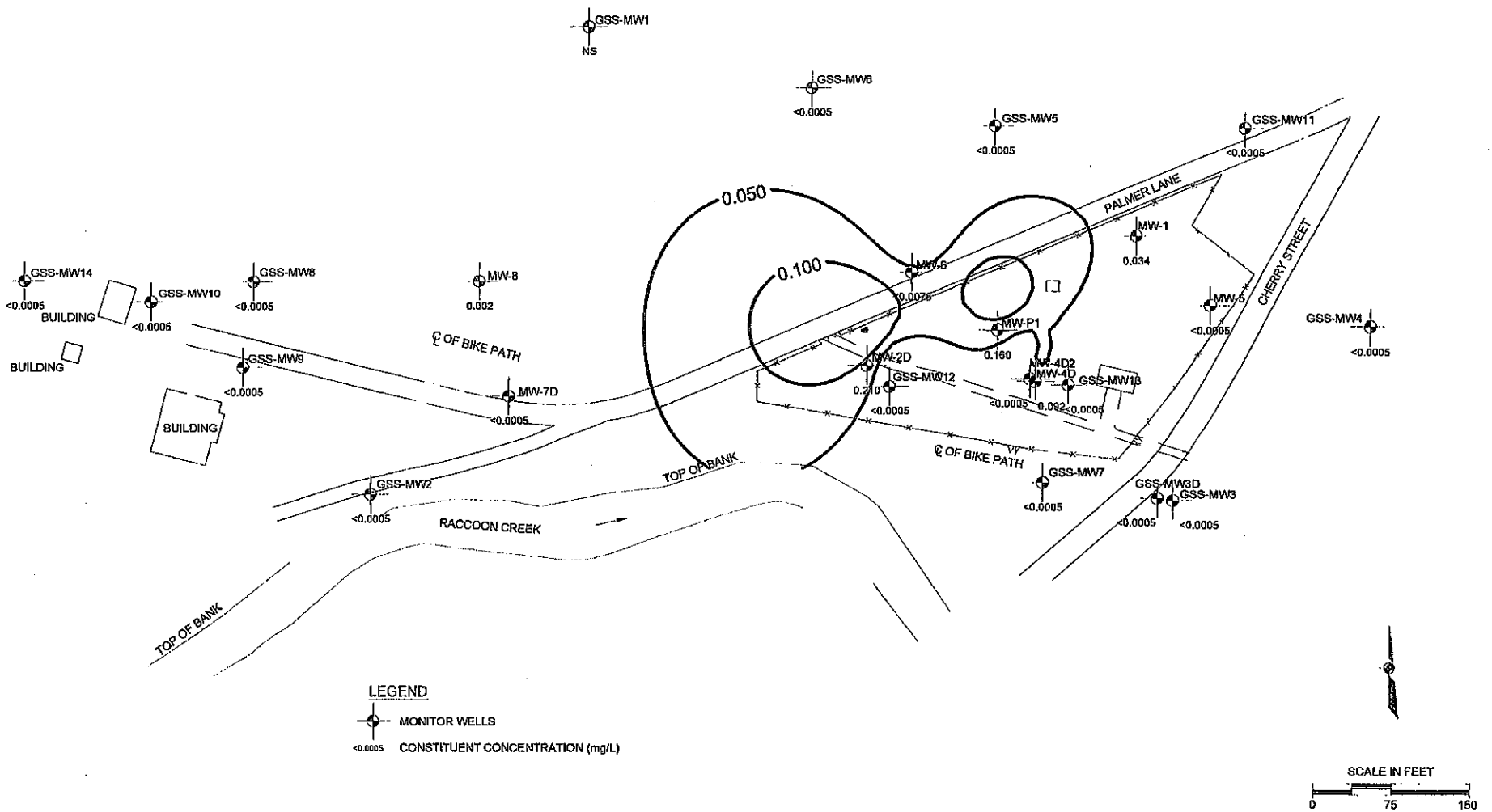
100178

File Name

GSBASEMAP

Figure 4-10 Granville Solvents Site

Tetrachloroethene Plume May 2000



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Tetrachloroethene (mg/L)

May 2000

GRANVILLE, OHIO

Project Number

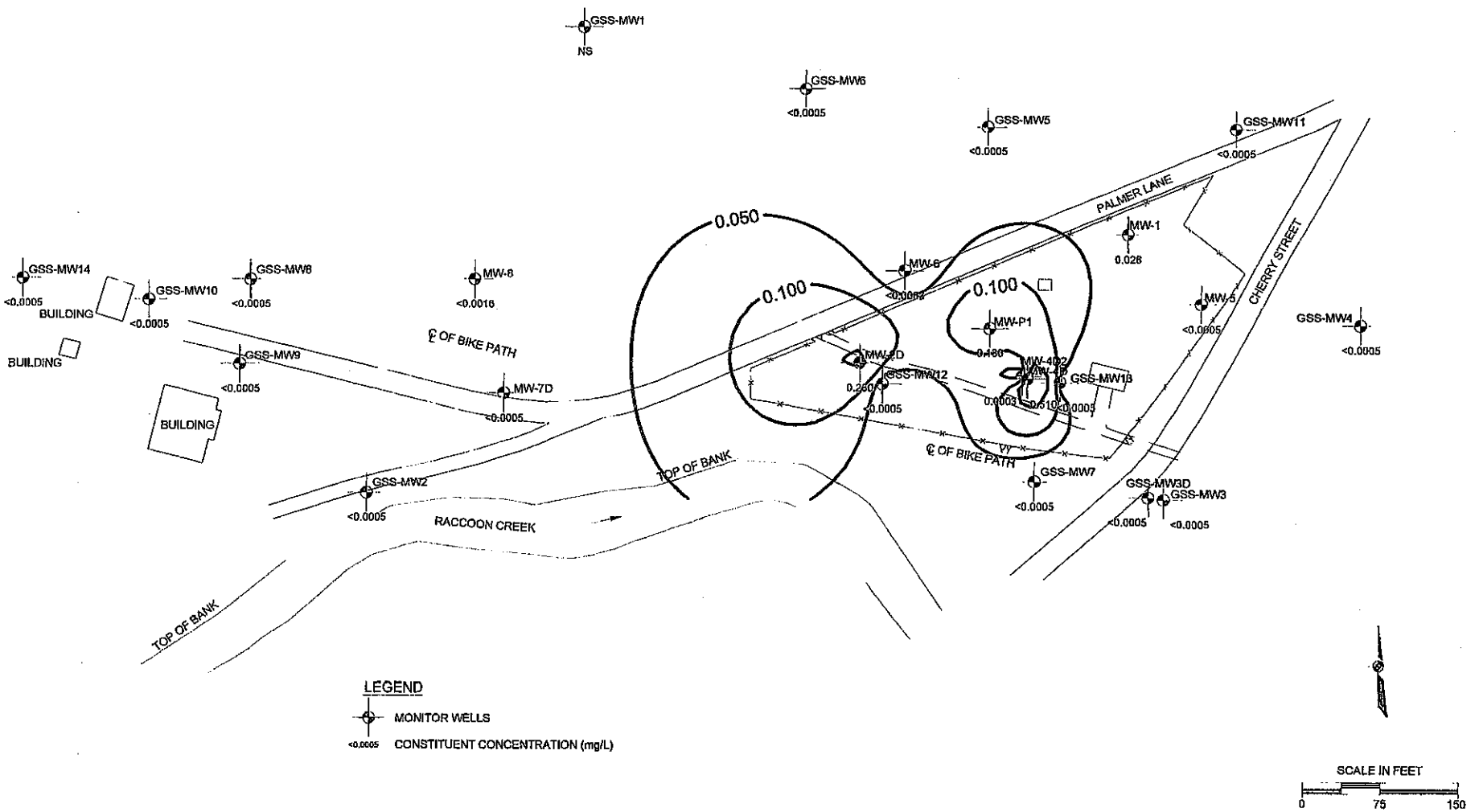
100178

File Name

GSBASEMAP

Figure 4-11 Granville Solvents Site

Tetrachloroethene Plume May 2001



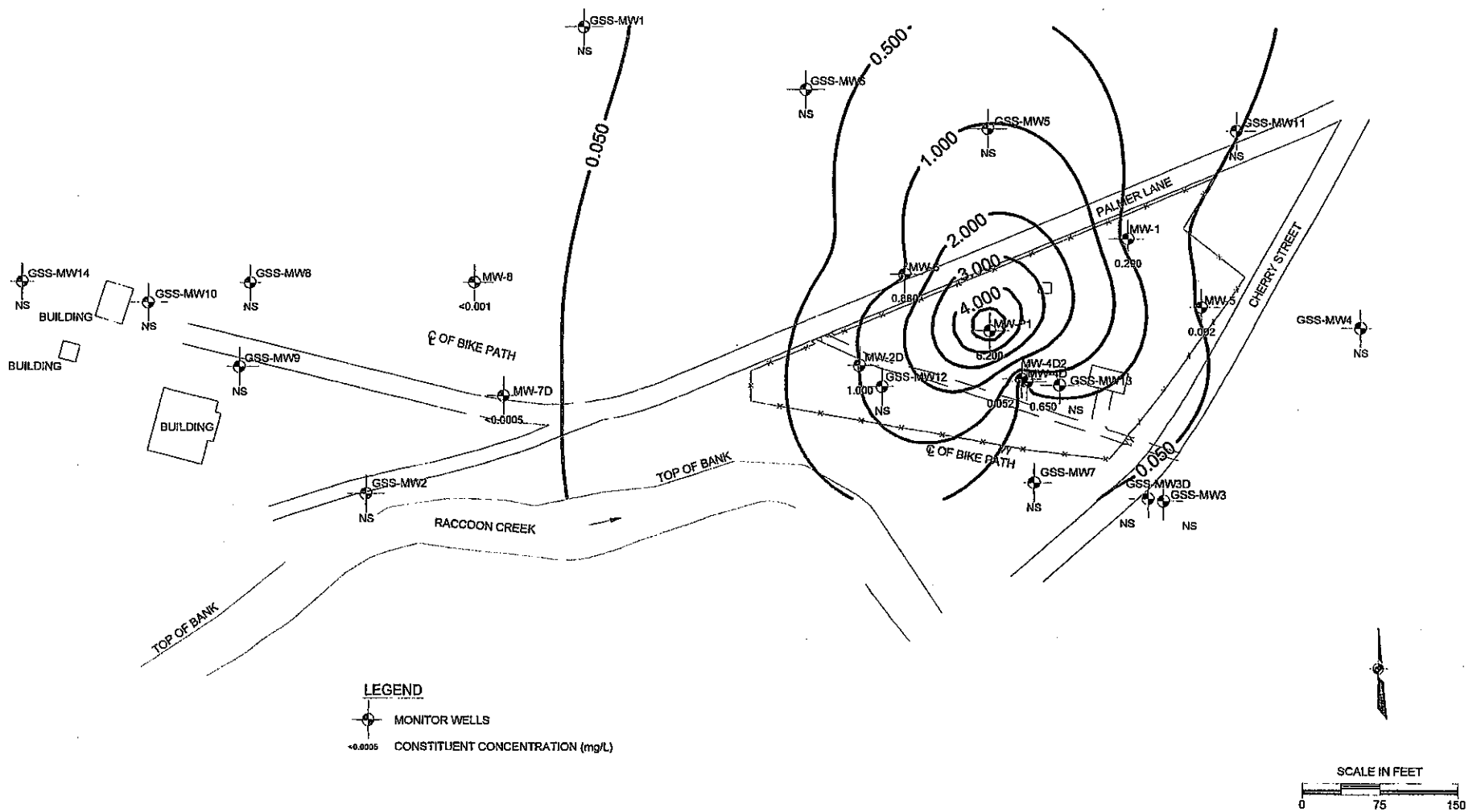
Metcalf & Eddy

GRANVILLE SOLVENTS SITE
Tetrachloroethene (mg/L)
May 2001
GRANVILLE, OHIO

Project Number
100178
File Name
GSBASEMAP

Figure 4-12 Granville Solvents Site

Trichloroethene Plume May 1994



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Trichloroethene (mg/l)

May 1994

GRANVILLE, OHIO

Project Number

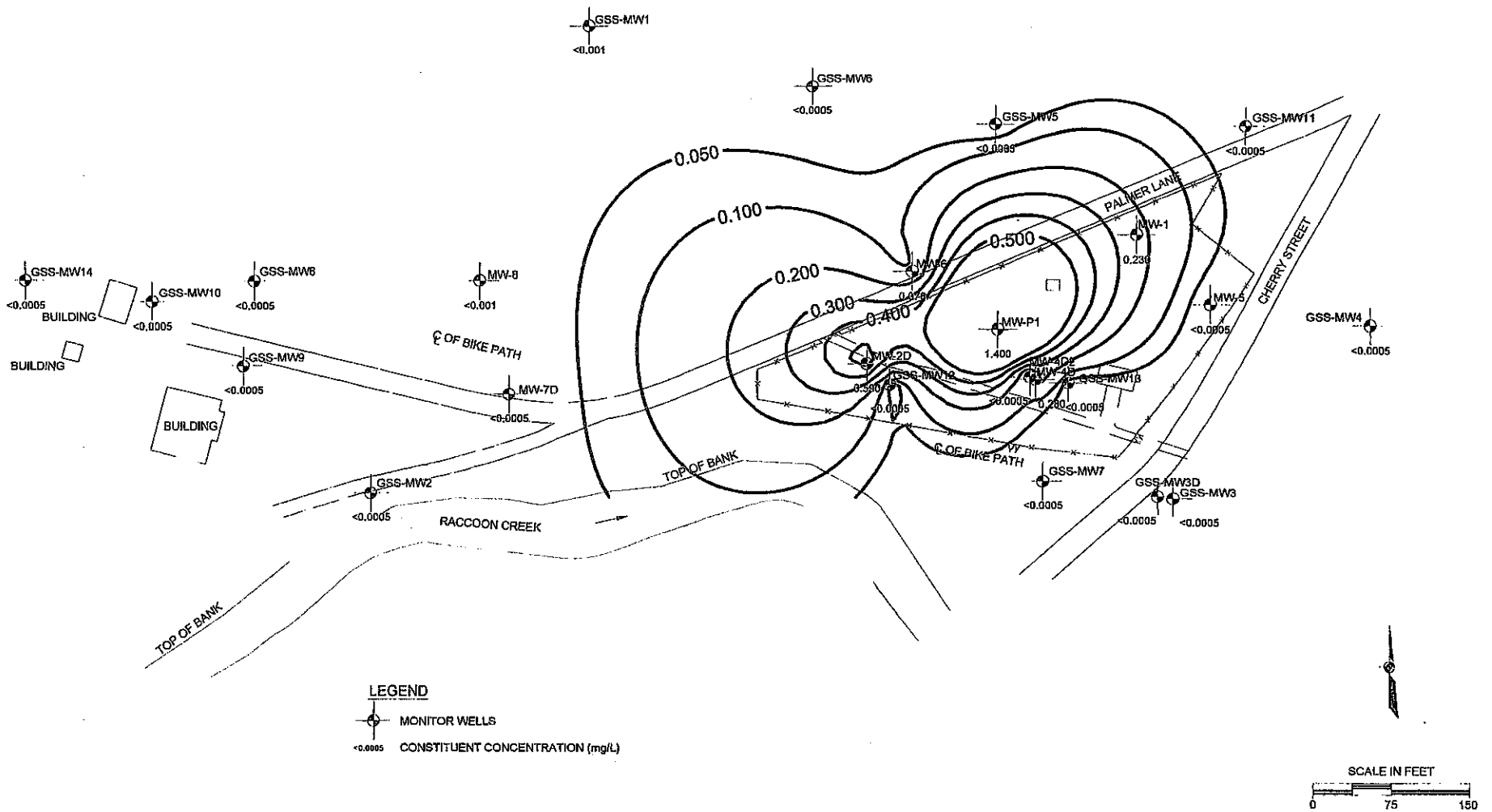
100178

File Name

GSBASEMAP

Figure 4-13 Granville Solvents Site

Trichloroethene Plume May 1996



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Trichloroethene (mg/L)

May 1996

GRANVILLE, OHIO

Project Number

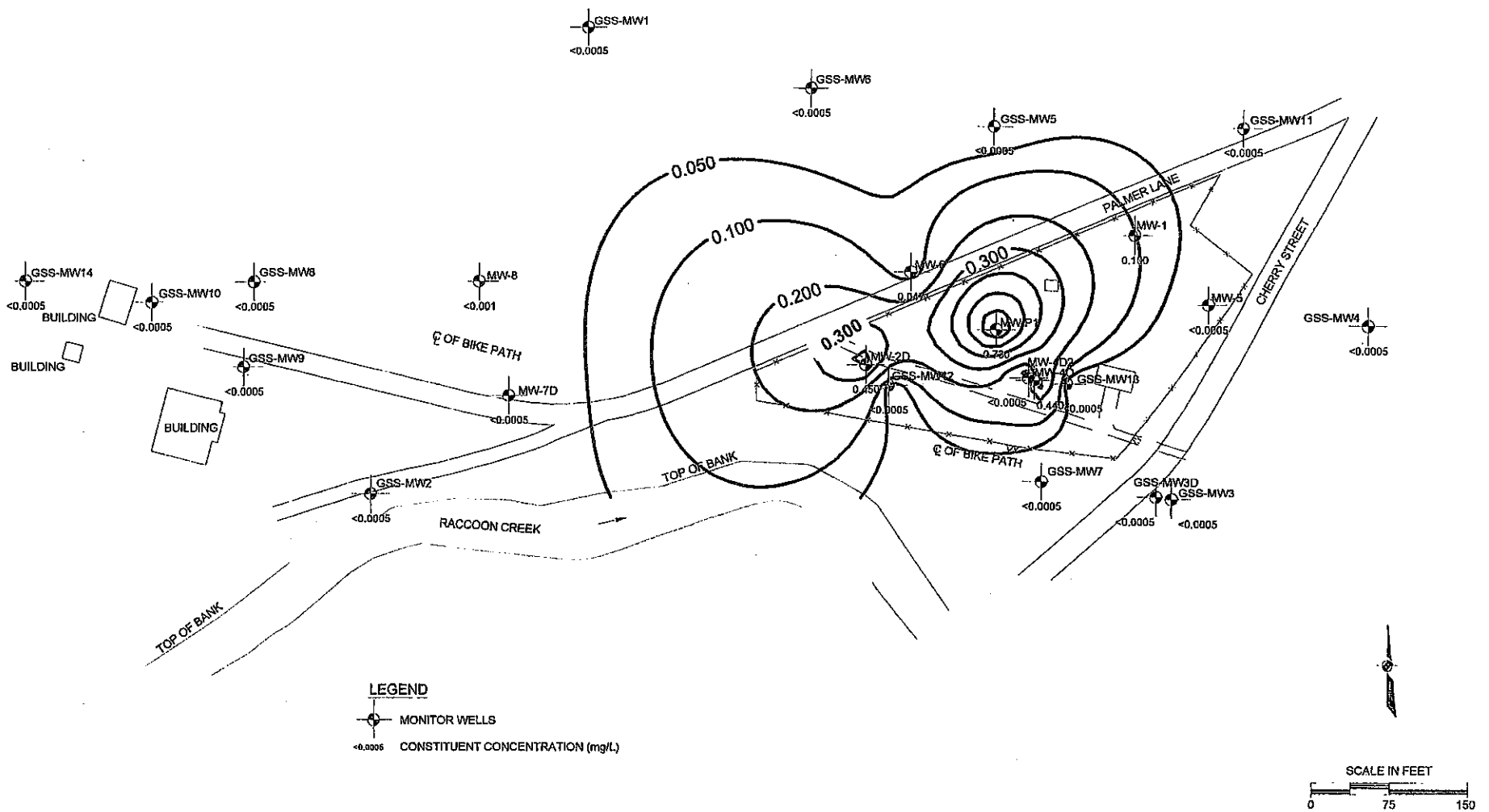
100178

File Name

GSBASEMAP

Figure 4-14 Granville Solvents Site

Trichloroethene Plume May 1997



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Trichloroethene (mg/L)

May 1997

GRANVILLE, OHIO

Project Number

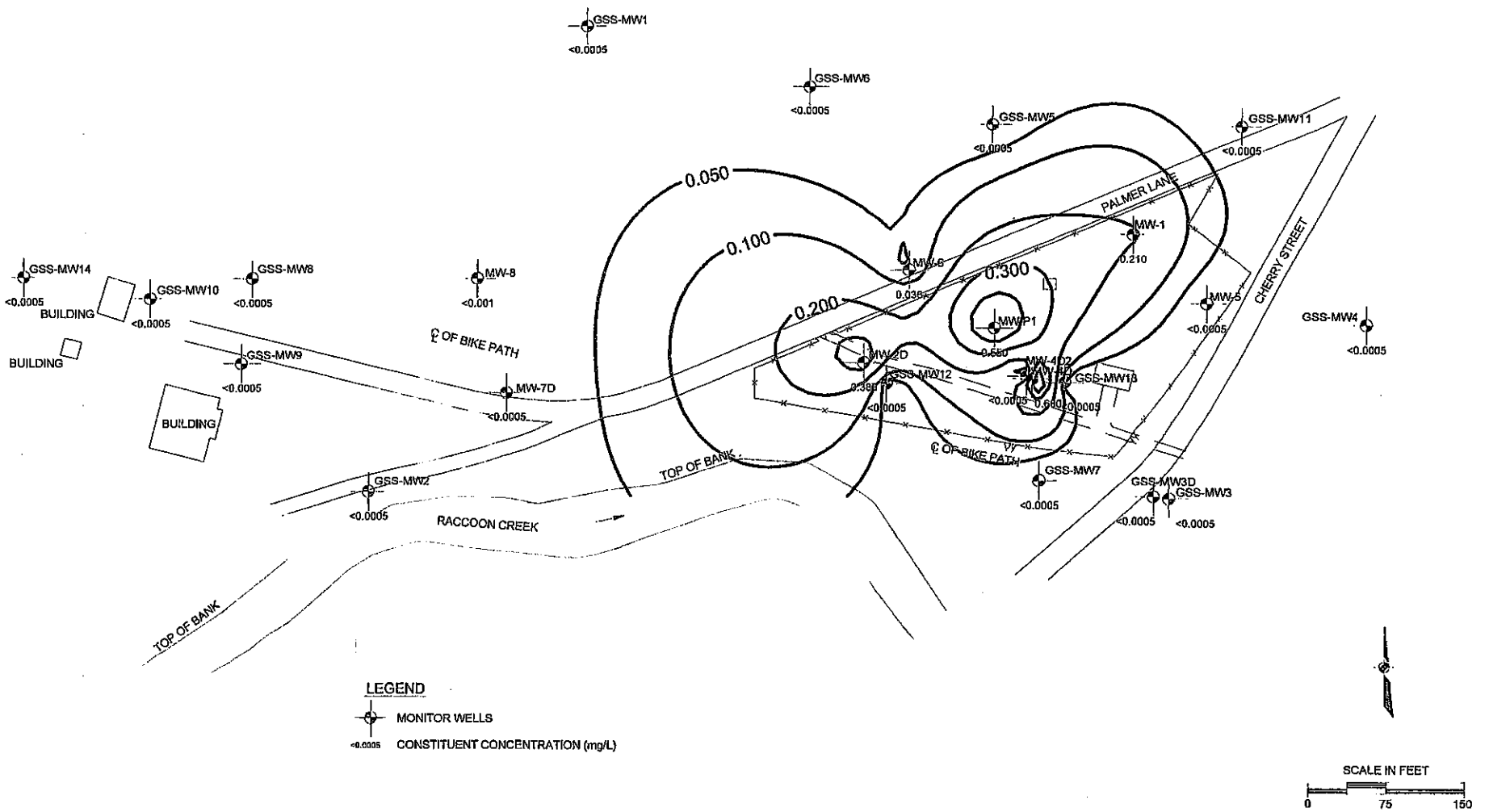
100178

File Name

GSBASEMAP

Figure 4-15 Granville Solvents Site

Trichloroethene Plume May 1998



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Trichloroethene (mg/L)
May 1998

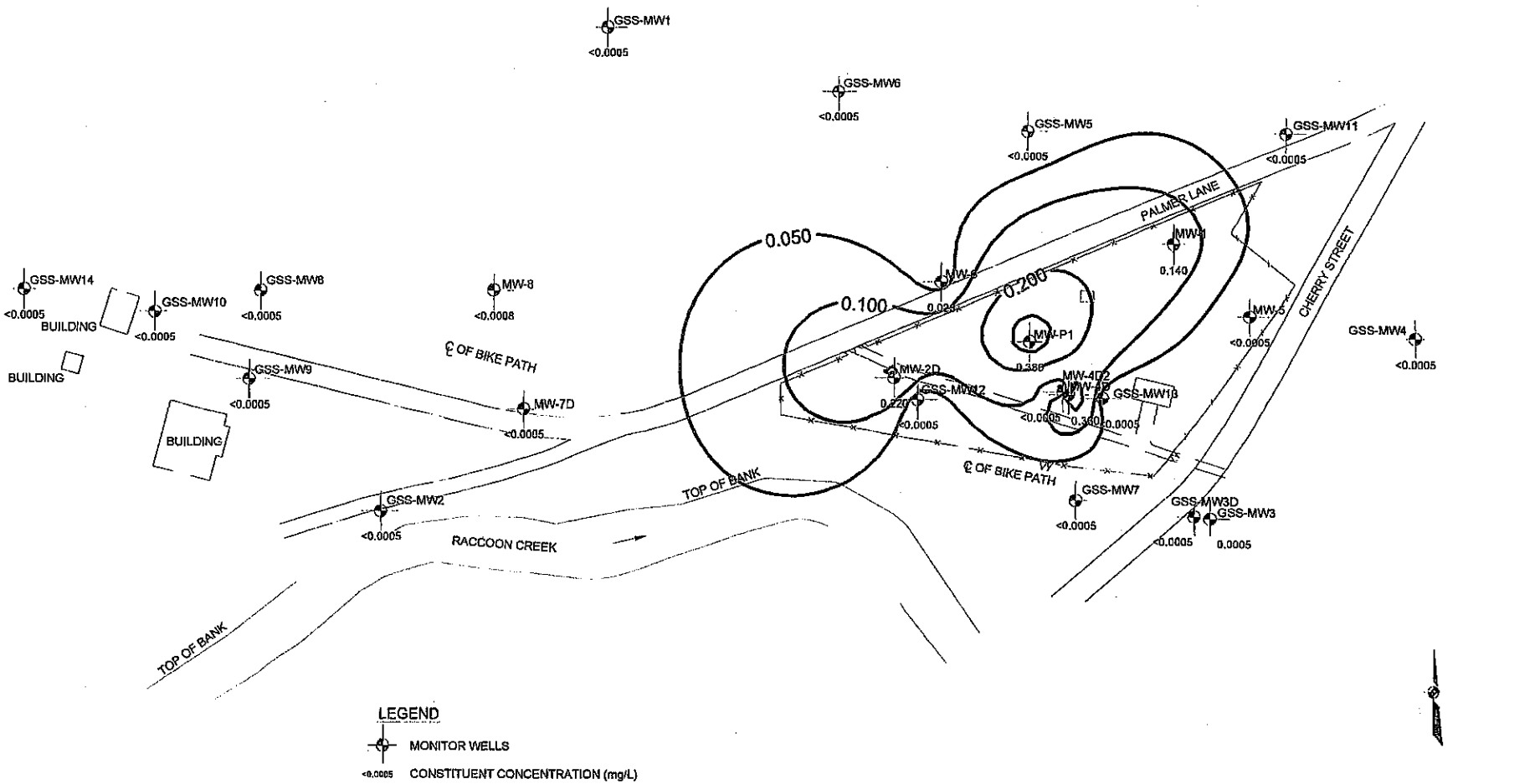
GRANVILLE, OHIO

Project Number
100178

File Name
GSBASEMAP

Figure 4-16 Granville Solvents Site

Trichloroethene Plume May 1999



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Trichloroethene (mg/L)

May 1999

GRANVILLE, OHIO

Project Number

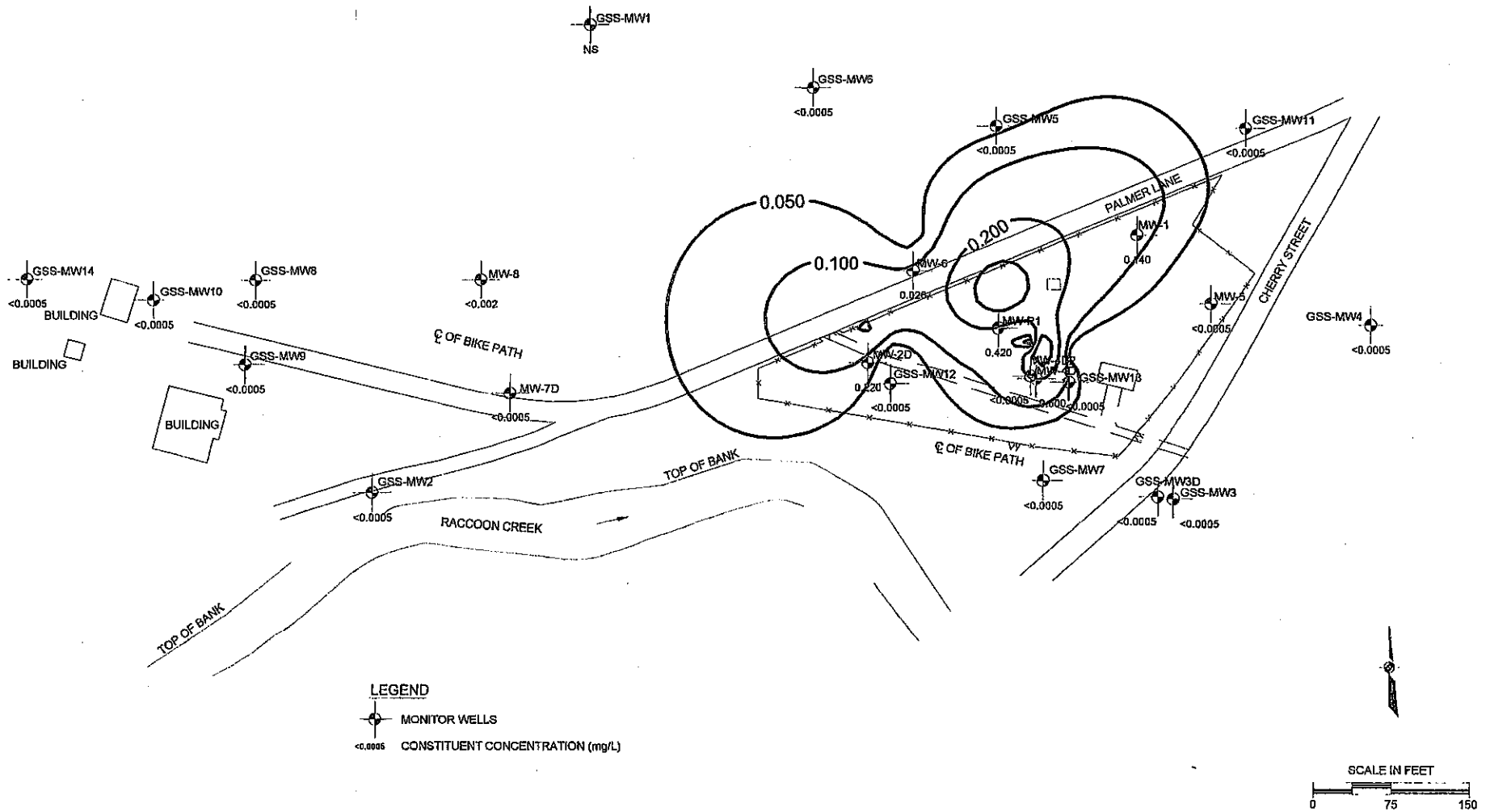
100178

File Name

GSBASEMAP

Figure 4-17 Granville Solvents Site

Trichloroethene Plume May 2000



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Trichloroethene (mg/L)

May 2000

GRANVILLE, OHIO

Project Number

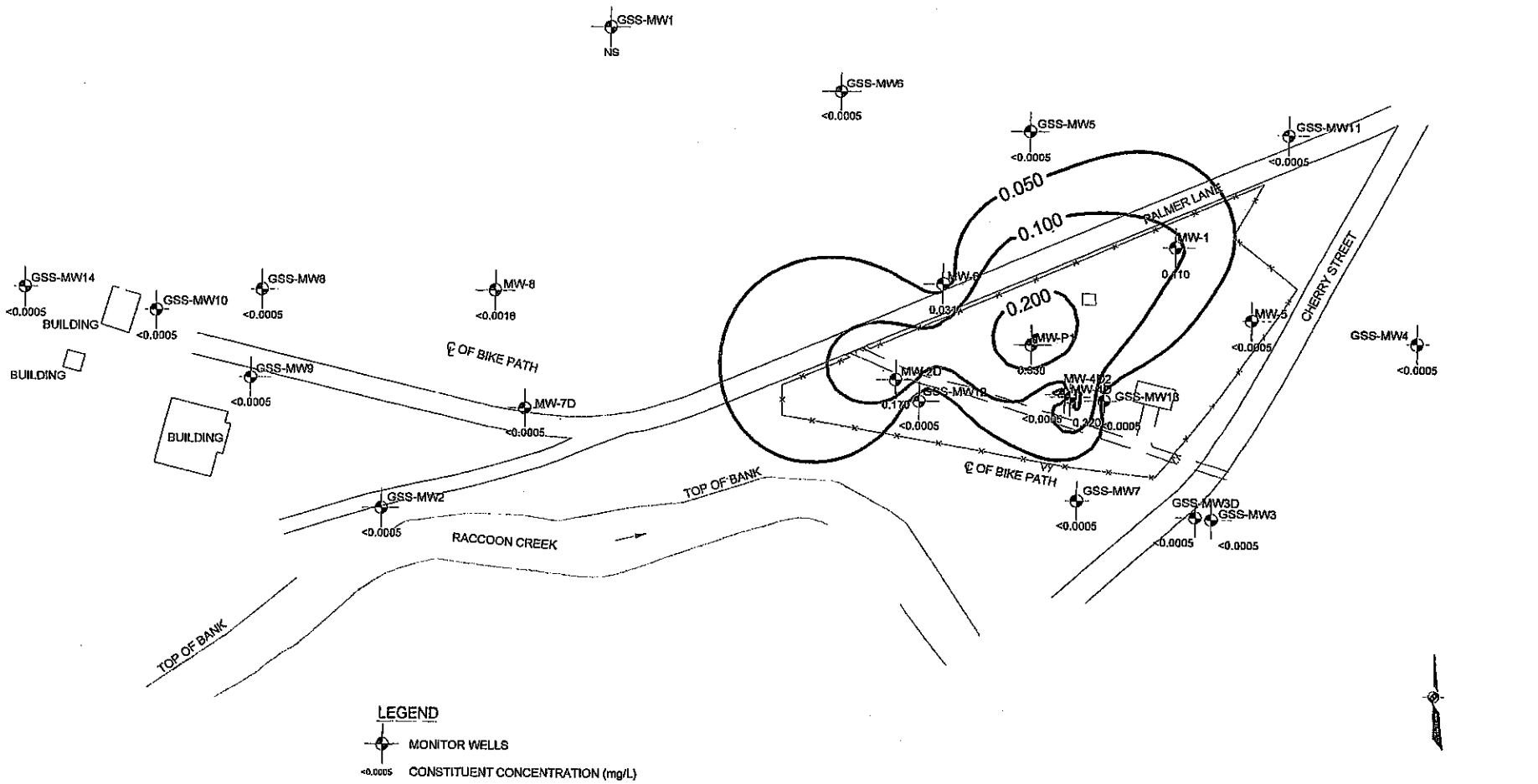
100178

File Name

GSBASEMAP

Figure 4-18 Granville Solvents Site

Trichloroethene Plume May 2001



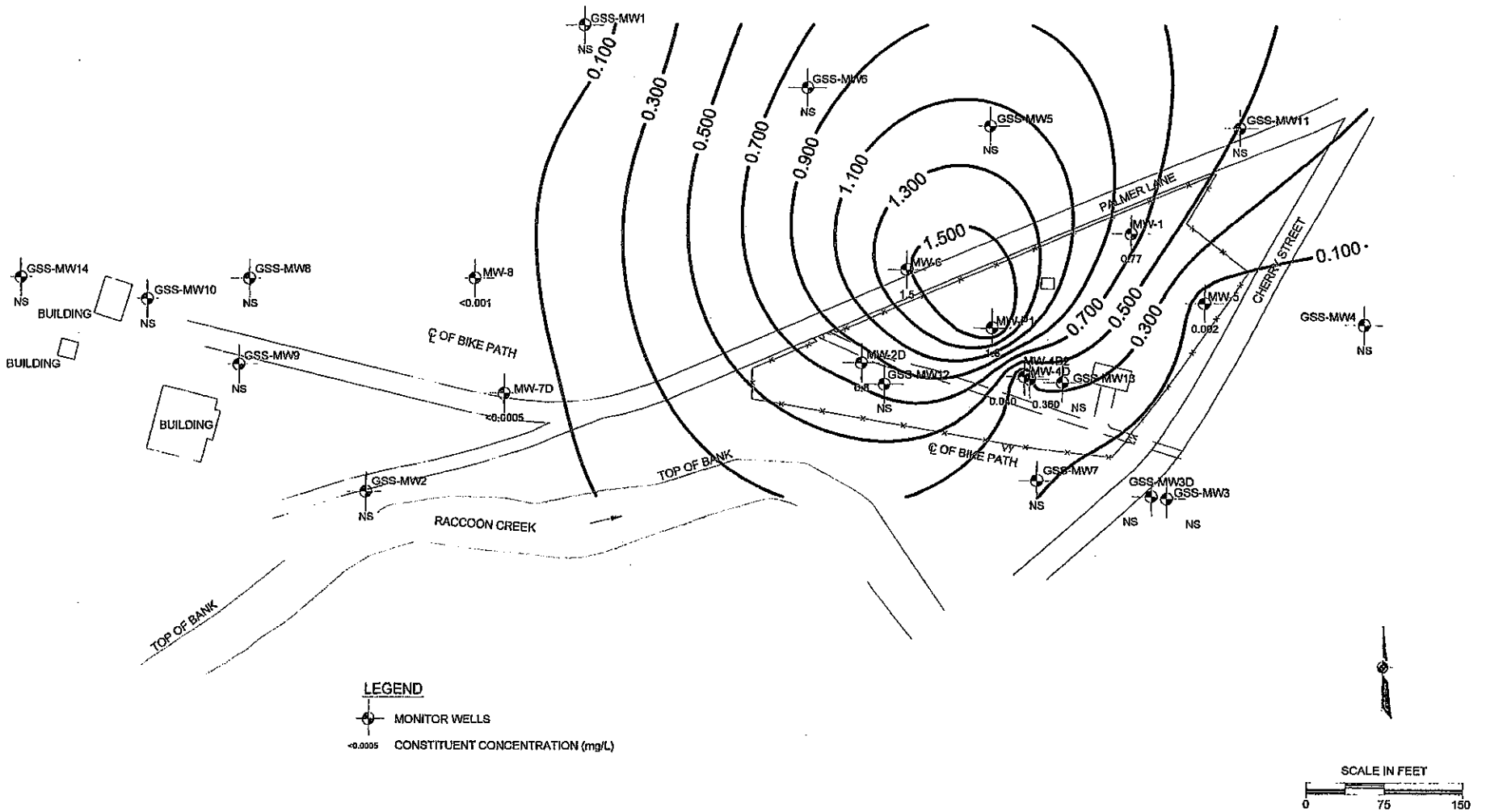
Metcalf & Eddy

GRANVILLE SOLVENTS SITE
Trichloroethene (mg/L)
May 2001
GRANVILLE, OHIO

Project Number
100178
File Name
GSBASEMAP

Figure 4-19 Granville Solvents Site

1,1,1-Trichloroethane Plume May 1994



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

1,1,1-Trichloroethane (mg/L)

May 1994

GRANVILLE, OHIO

Project Number

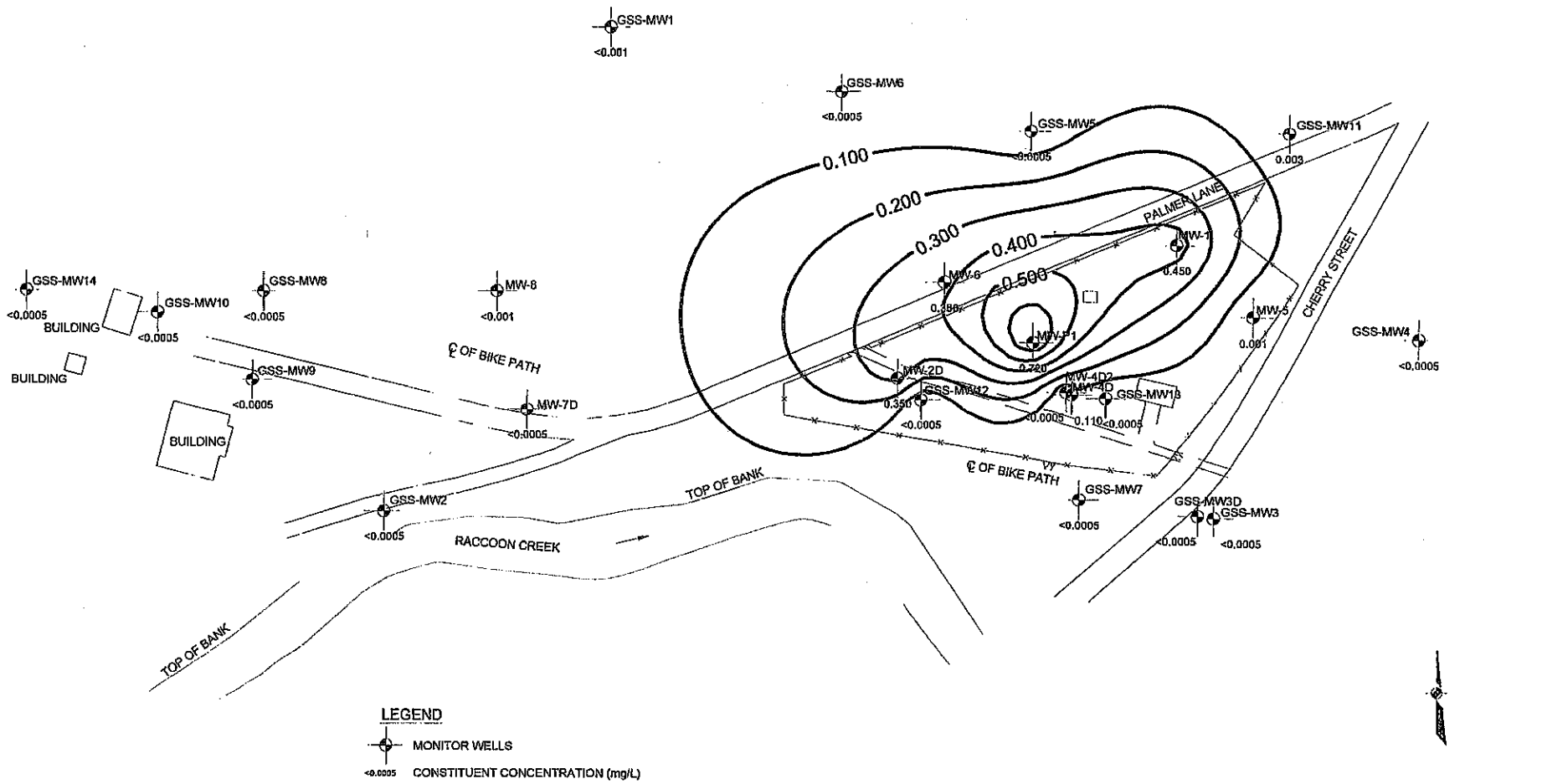
100178

File Name

GSBASEMAP

Figure 4-20 Granville Solvents Site

1,1,1-Trichloroethane Plume May 1996



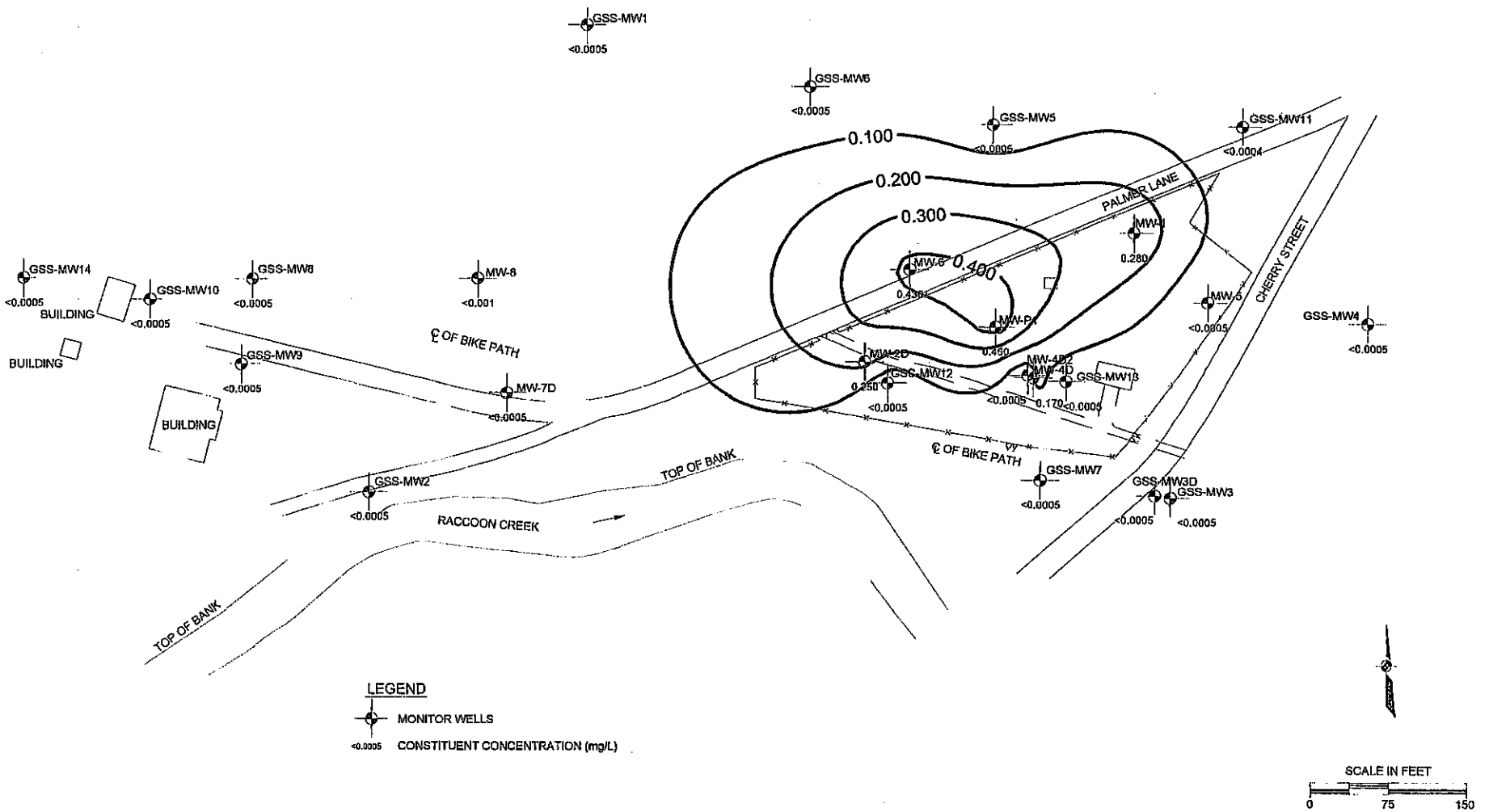
Metcalf & Eddy

GRANVILLE SOLVENTS SITE
1,1,1-Trichloroethane (mg/L)
May 1996
GRANVILLE, OHIO

Project Number
100178
File Name
GSBASEMAP

Figure 4-21 Granville Solvents Site

1,1,1-Trichloroethane Plume May 1997



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

1,1,1-Trichloroethane (mg/L)

May 1997

GRANVILLE, OHIO

Project Number

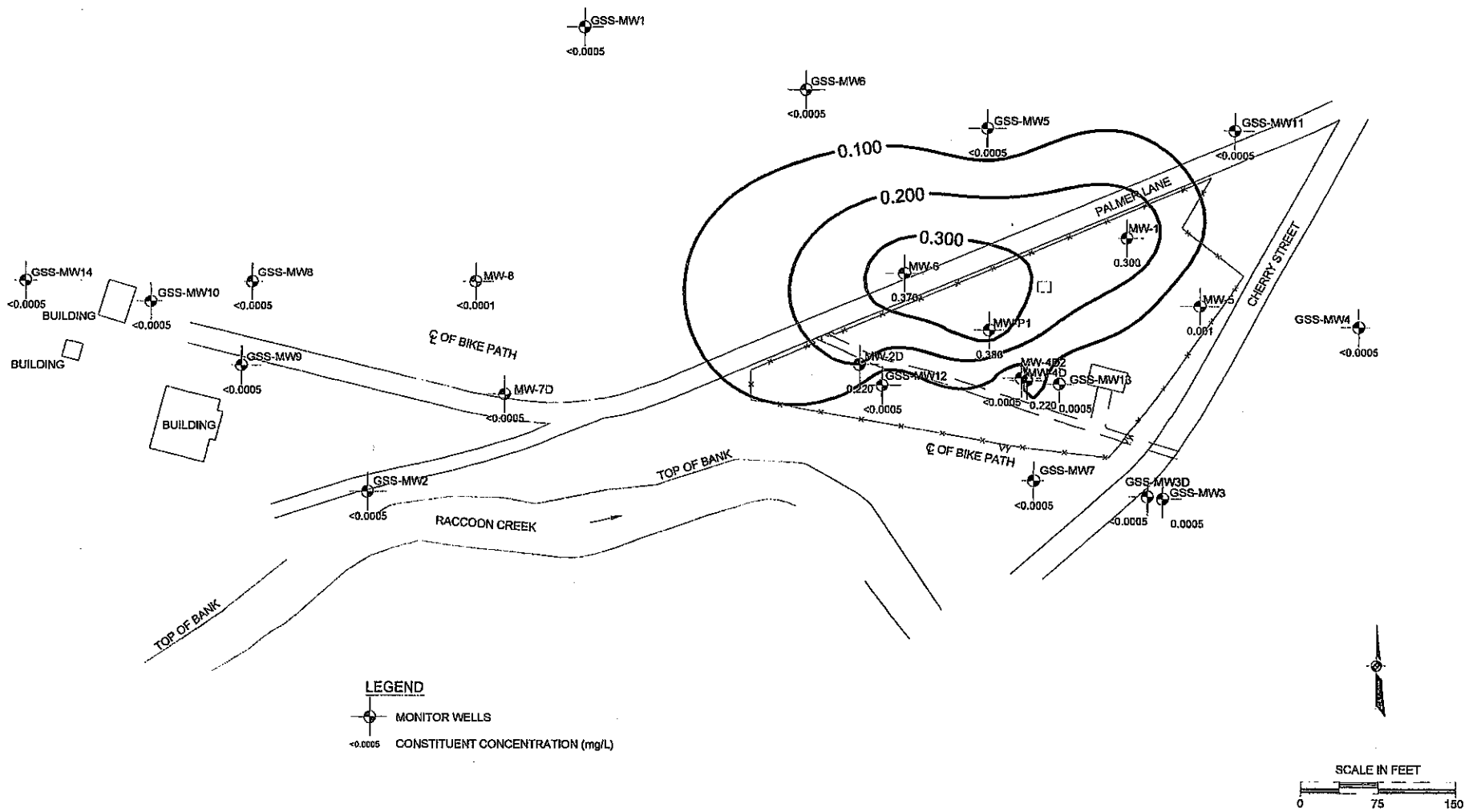
100178

File Name

GSBASEMAP

Figure 4-22 Granville Solvents Site

1,1,1-Trichloroethane Plume May 1998



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

1,1,1-Trichloroethane (mg/L)

May 1998

GRANVILLE, OHIO

Project Number

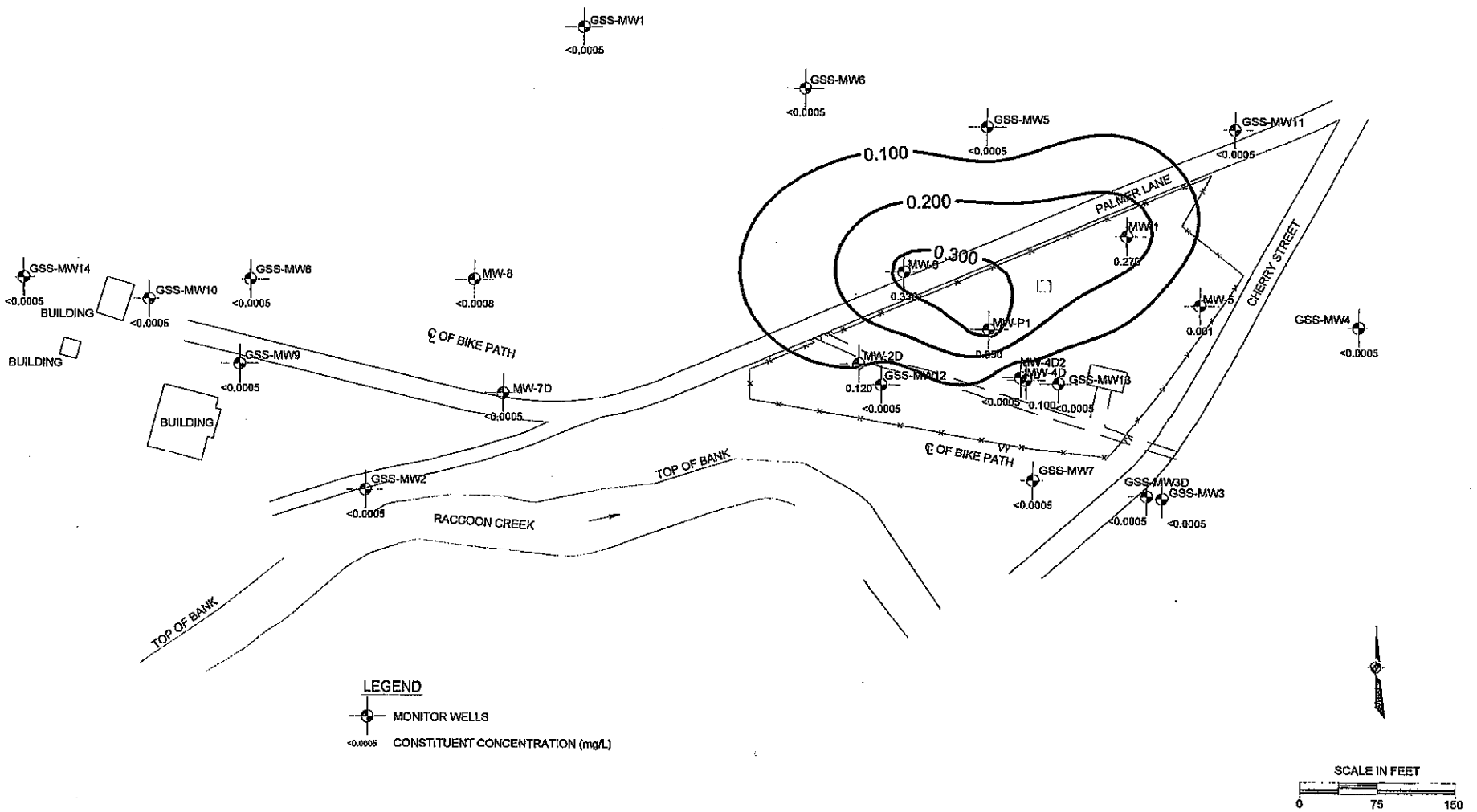
100178

File Name

GSBASEMAP

Figure 4-23 Granville Solvents Site

1,1,1-Trichloroethane Plume May 1999



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

1,1,1-Trichloroethane (mg/L)

May 1999

GRANVILLE, OHIO

Project Number

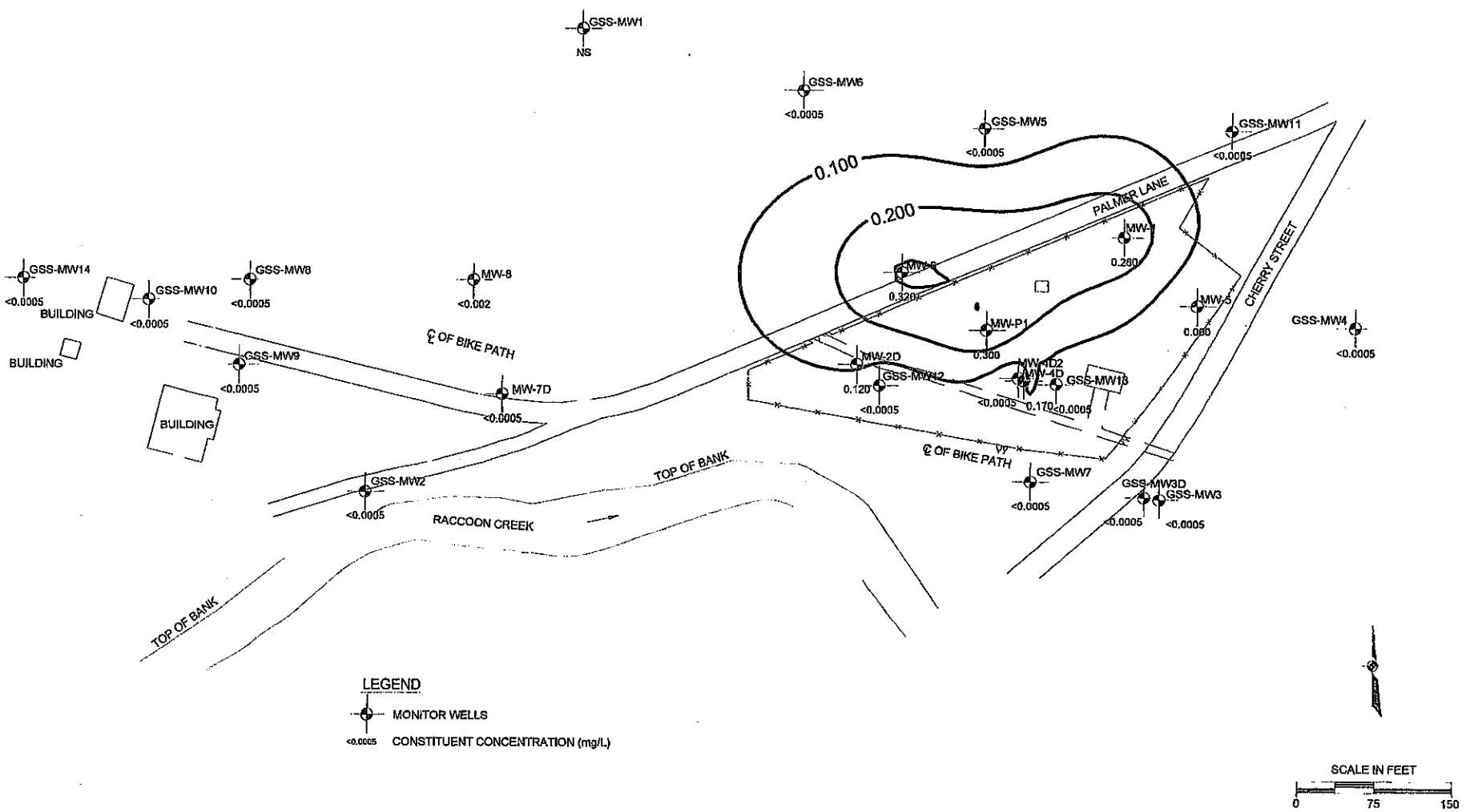
100178

File Name

GSBASEMAP

Figure 4-24 Granville Solvents Site

1,1,1-Trichloroethane Plume May 2000



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

1,1,1-Trichloroethane (mg/L)

May 2000

GRANVILLE, OHIO

Project Number

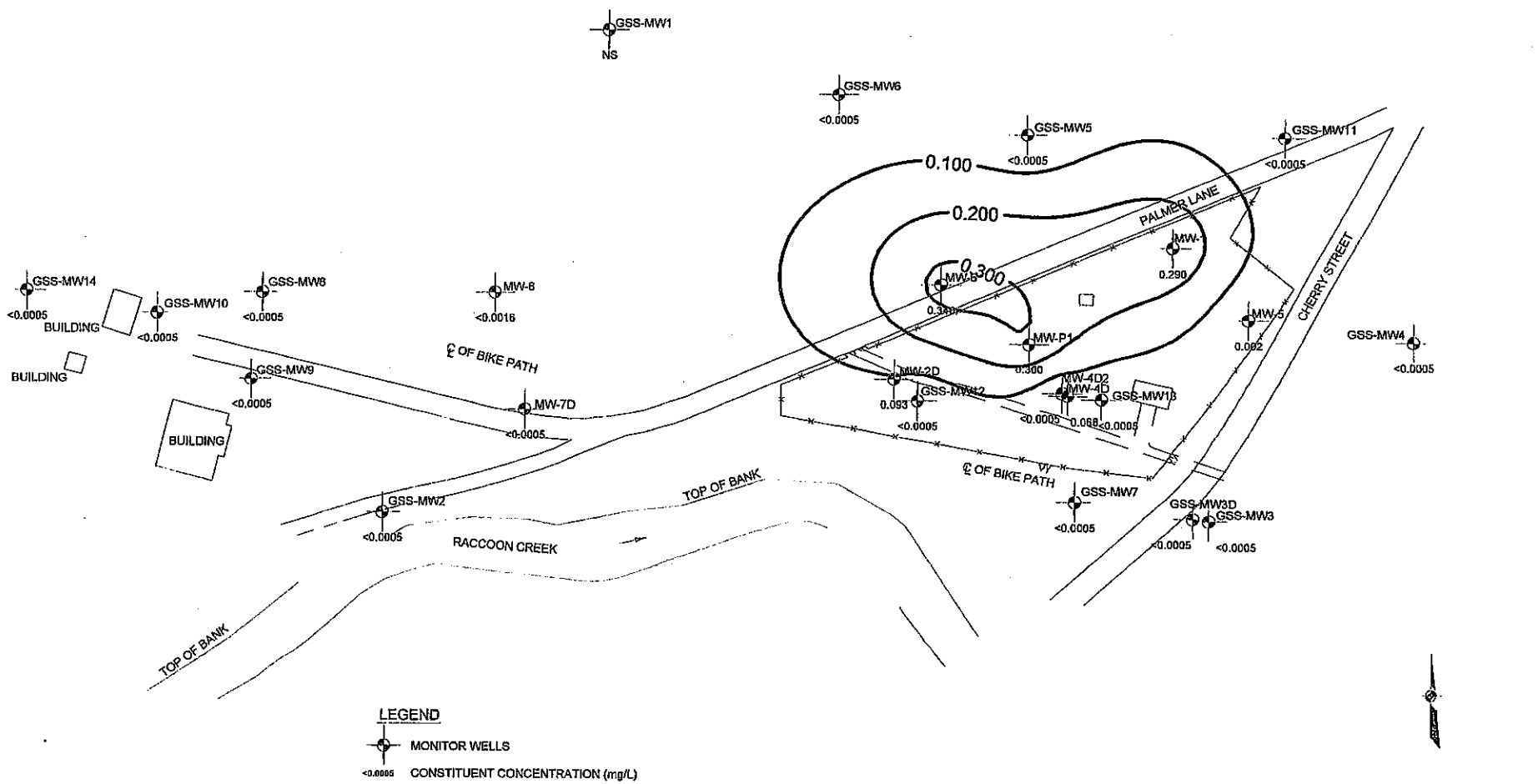
100178

File Name

GSBASEMAP

Figure 4-25 Granville Solvents Site

1,1,1-Trichloroethane Plume May 2001



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

1,1,1-Trichloroethane (mg/L)

May 2001

GRANVILLE, OHIO

Project Number

100178

File Name

GSBASEMAP

Figure 4-26

Granville Solvents Site

PCE Concentration in Monitoring Wells 1995 - 2001

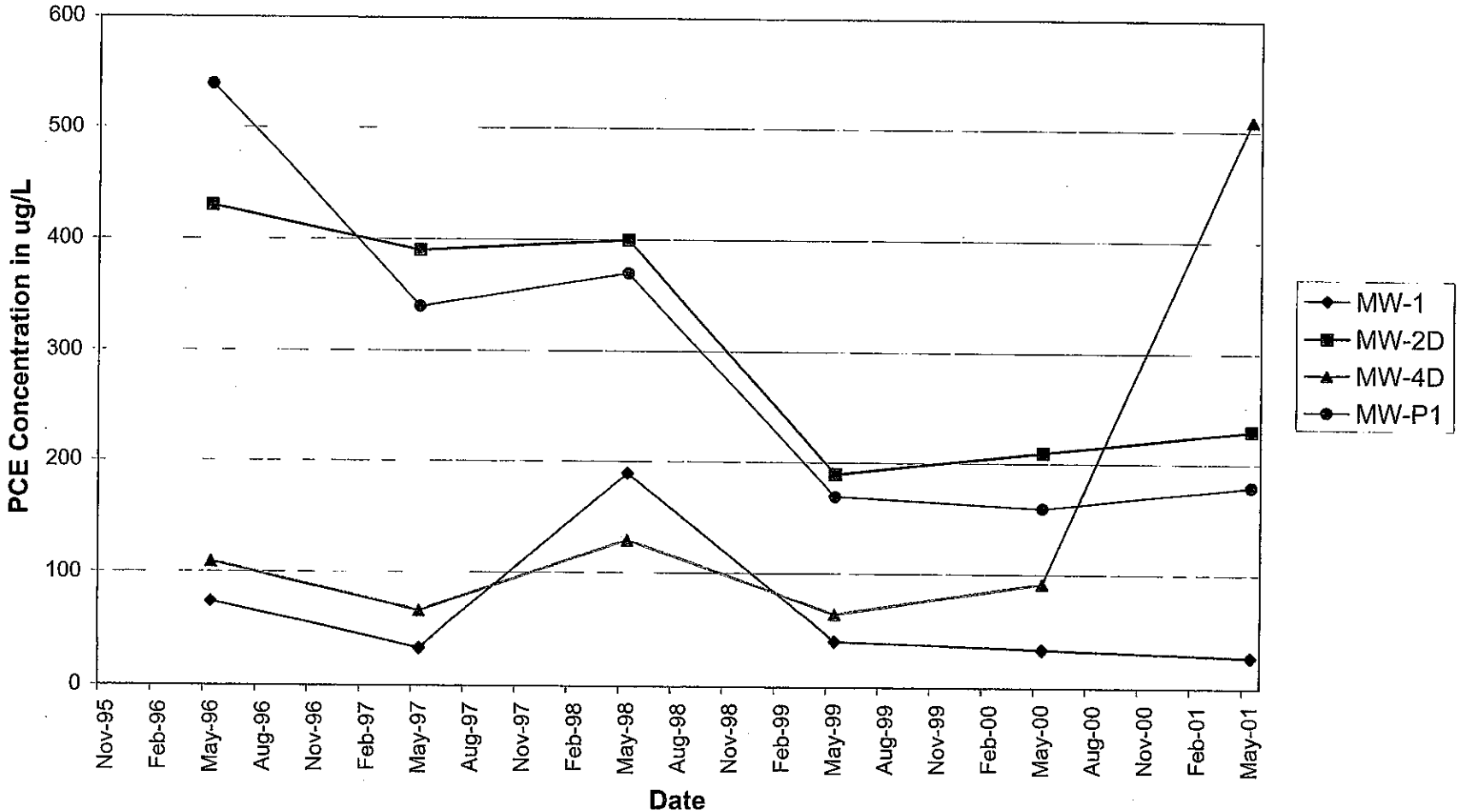


Figure 4-27

Granville Solvents Site

TCE Concentration in Monitoring Wells 1995-2001

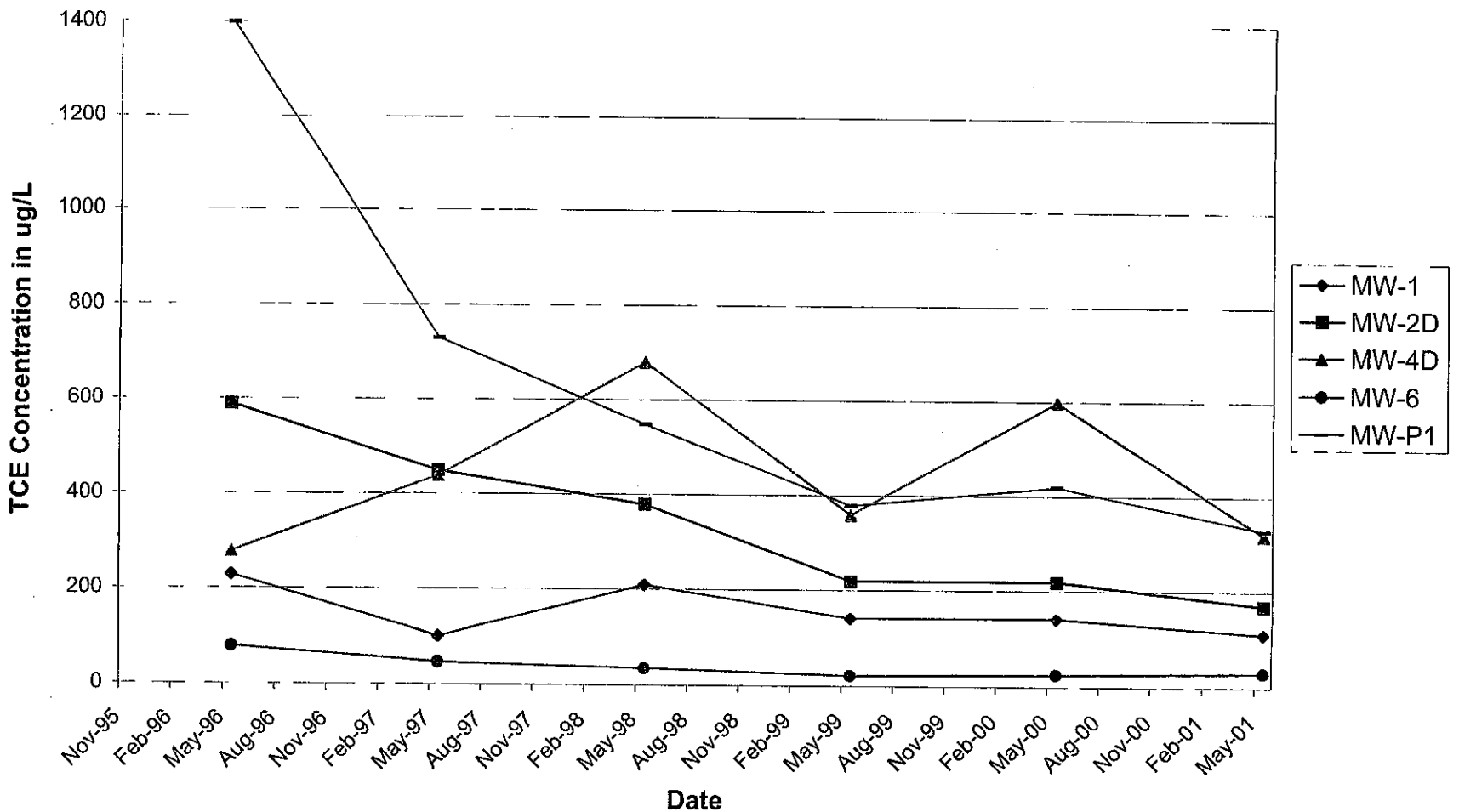


Figure 4-28

Granville Solvents Site

1,1,1-TCA Concentration in Monitoring Wells 1995-2001

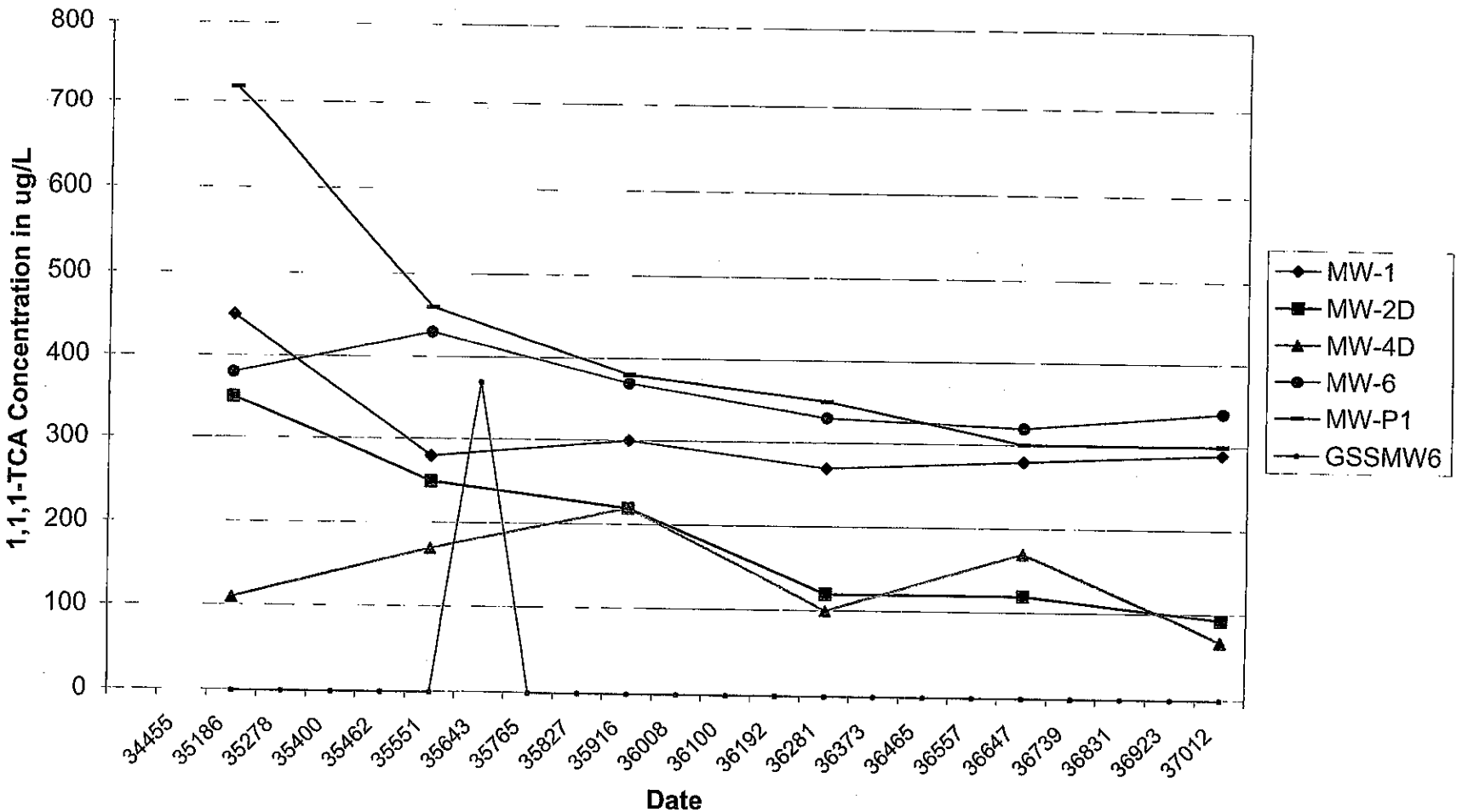


Figure 4-29

Granville Solvents Site

cis-1,2-DCE Concentration in Monitoring Wells 1995-2001

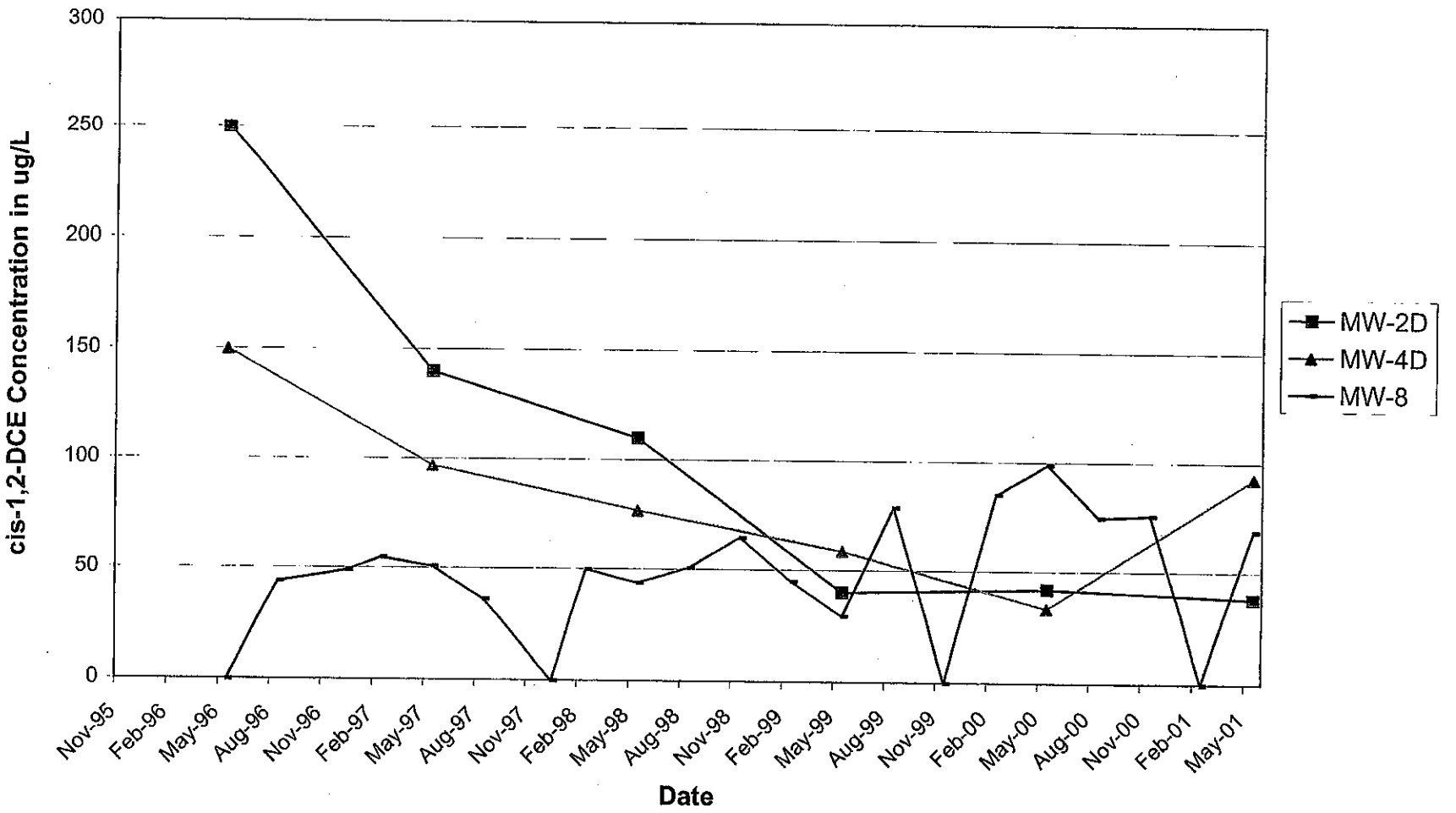
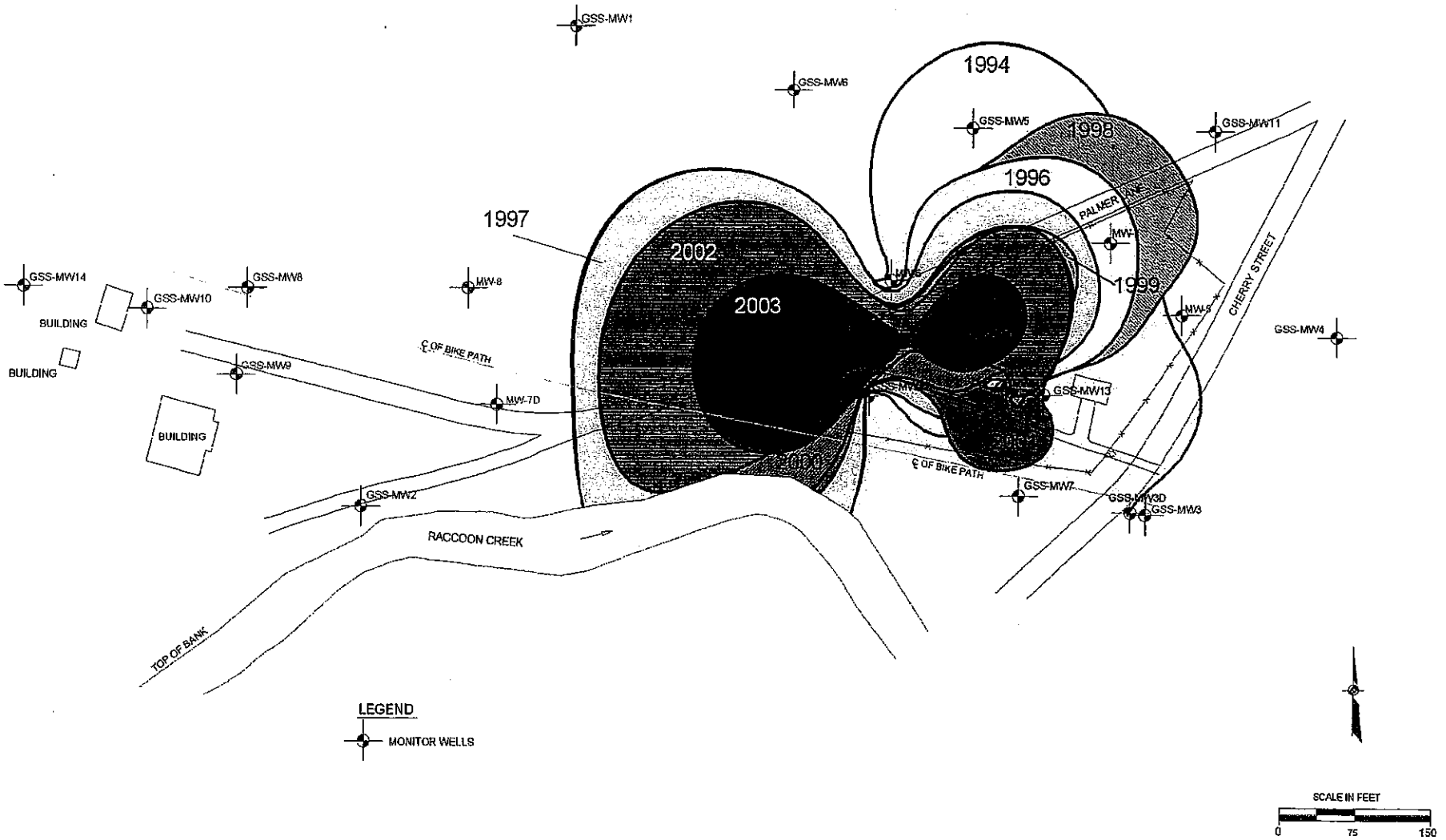


Figure 4-30

Granville Solvents Site

Reduction in PCE Plume Between 1994-2003



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Decline in Tetrachloroethene Plume Size
(extent of 0.050 mg/L concentrations from 1994 to 2003)

GRANVILLE, OHIO

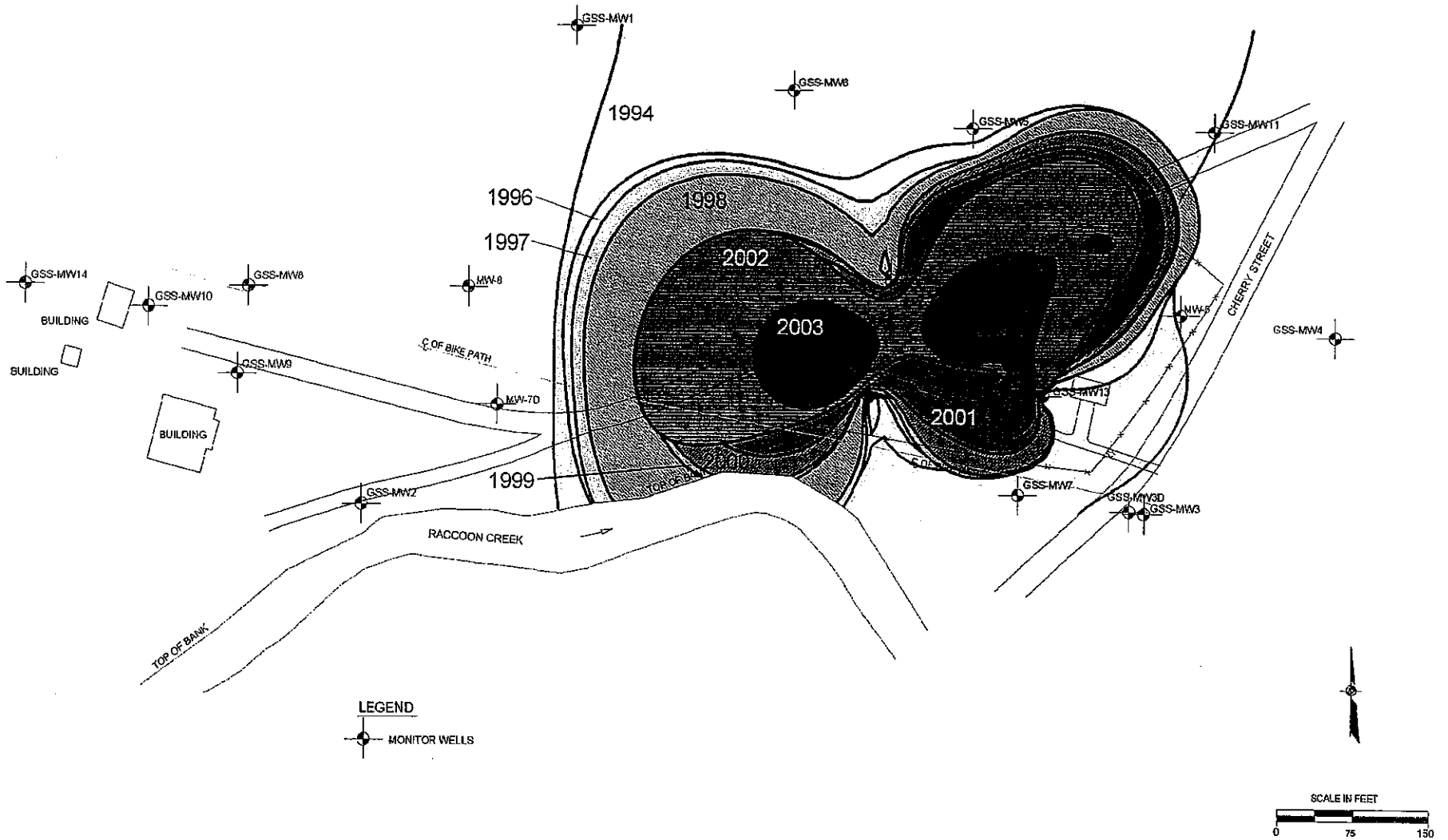
Project Number
100178

File Name
GSBASEMAP

Figure 4-31

Granville Solvents Site

Reduction in TCE Plume Between 1994-2003



Metcalf & Eddy

GRANVILLE SOLVENTS SITE

Decline in Trichloroethene Plume Size
(extent of 0.050 mg/L concentrations from 1994 to 2003)

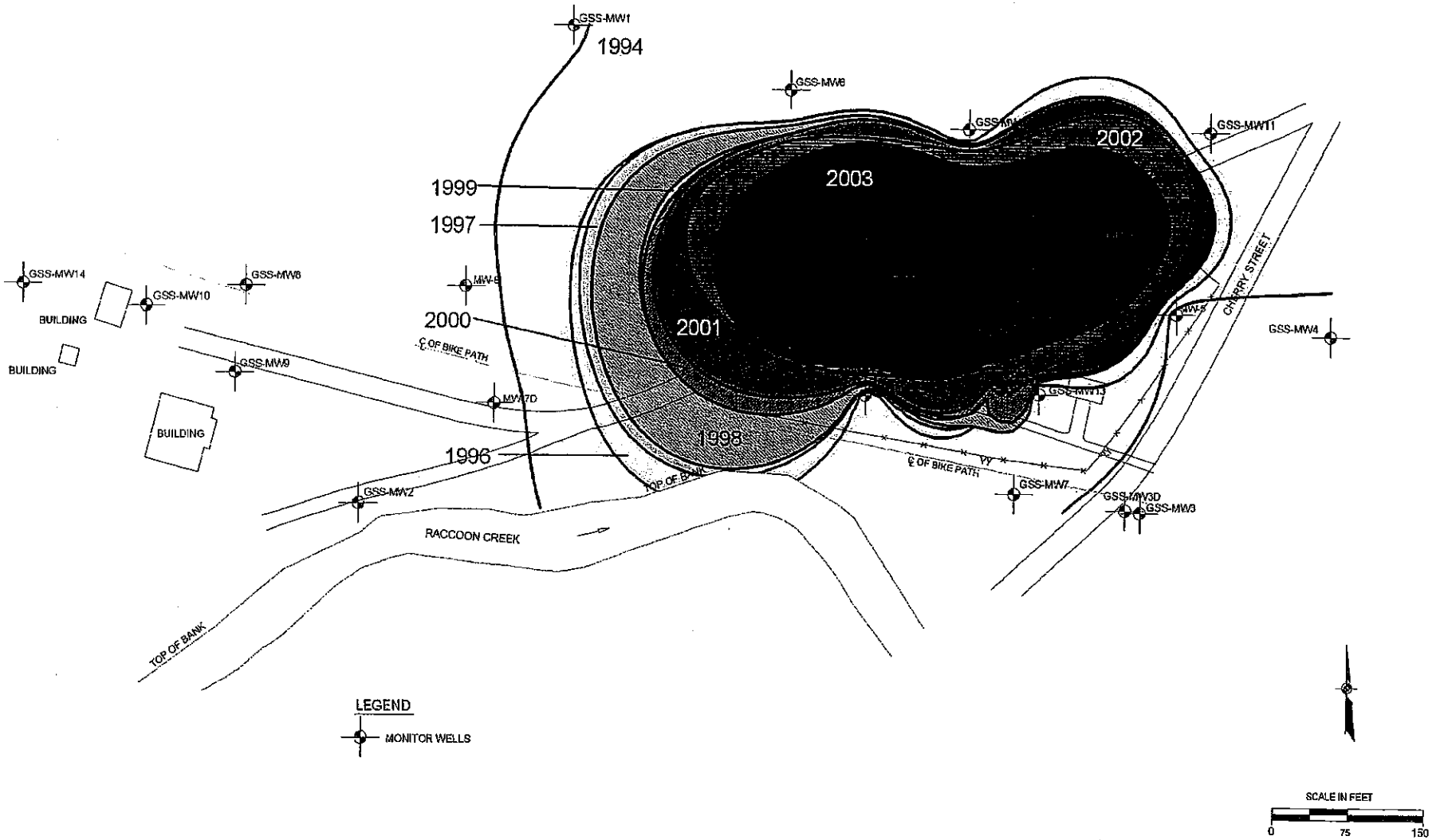
GRANVILLE, OHIO

Project Number	
100178	
File Name	
GSBASEMAP	

Figure 4-32

Granville Solvents Site

Reduction in 1,1,1-Trichloroethane Plume Between 1994-2001



M&E Metcalf & Eddy	GRANVILLE SOLVENTS SITE Decline in 1,1,1-Trichloroethane Plume Size (extent of 0.050 mg/L concentrations from 1994 to 2003) GRANVILLE, OHIO	Project Number 100178 File Name GSBASEMAP

Figure 5.1

Granville Solvents VOC Concentrations in Well MW-04D [Source Area Well]

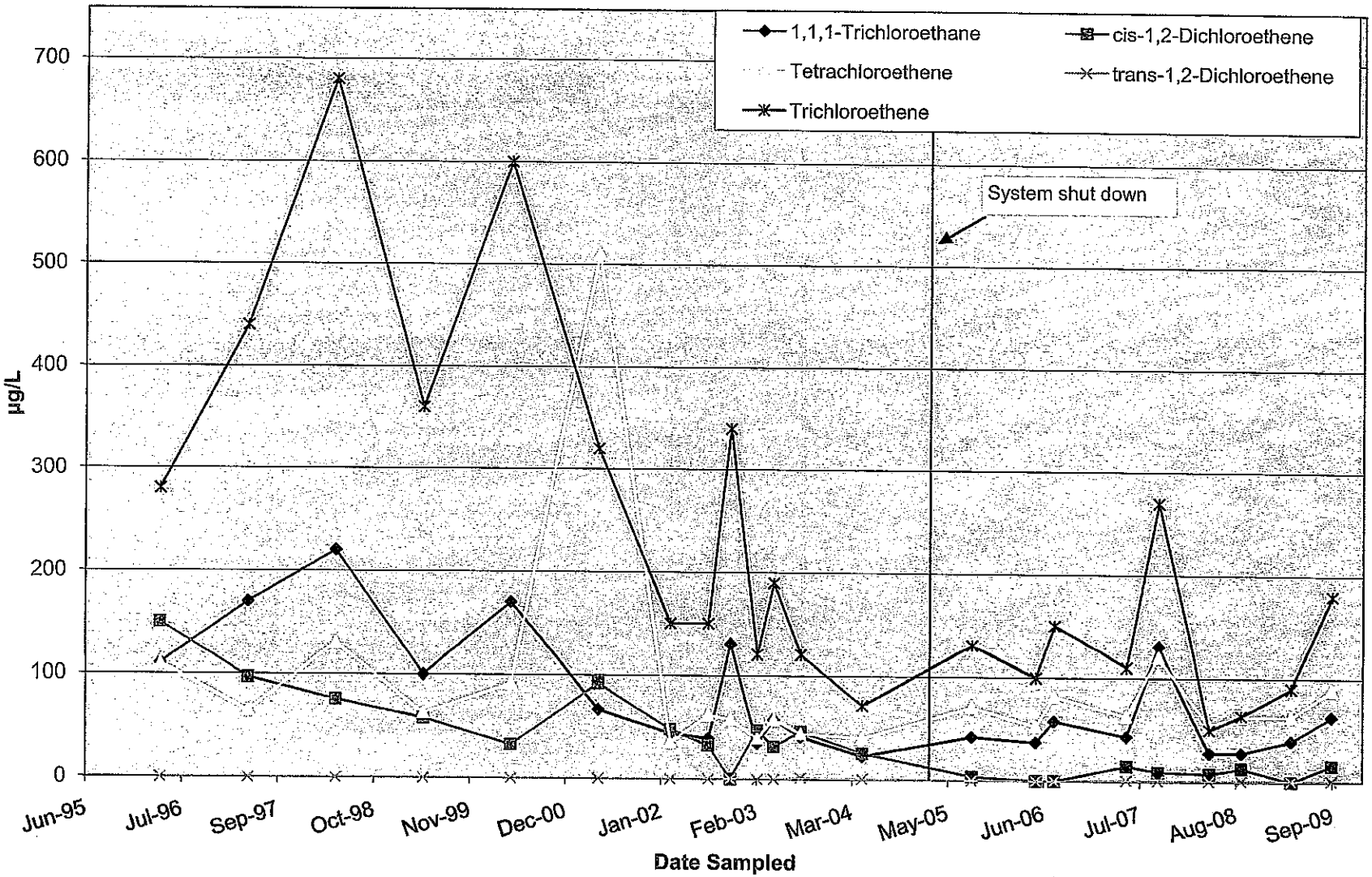


Figure 5.2

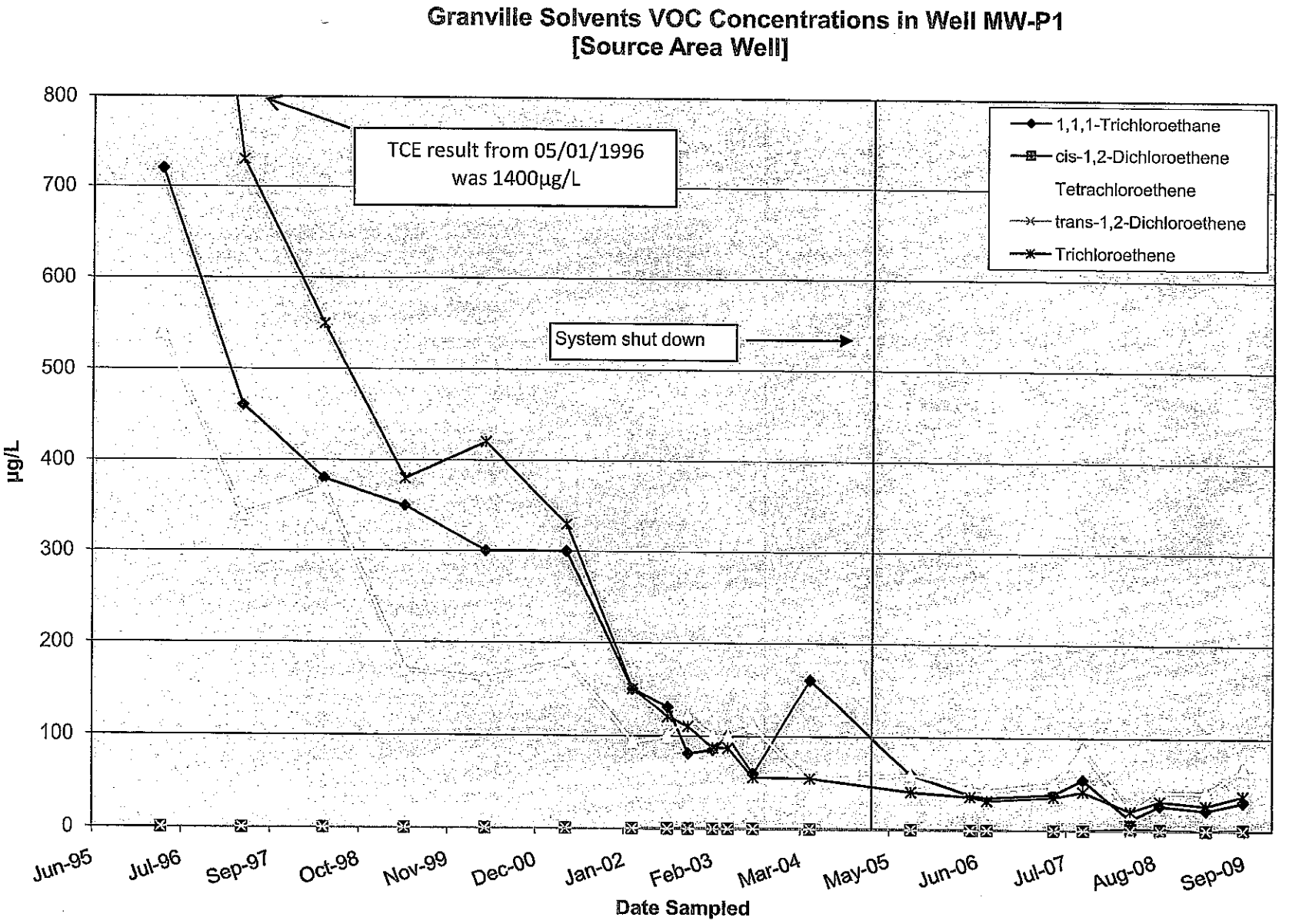
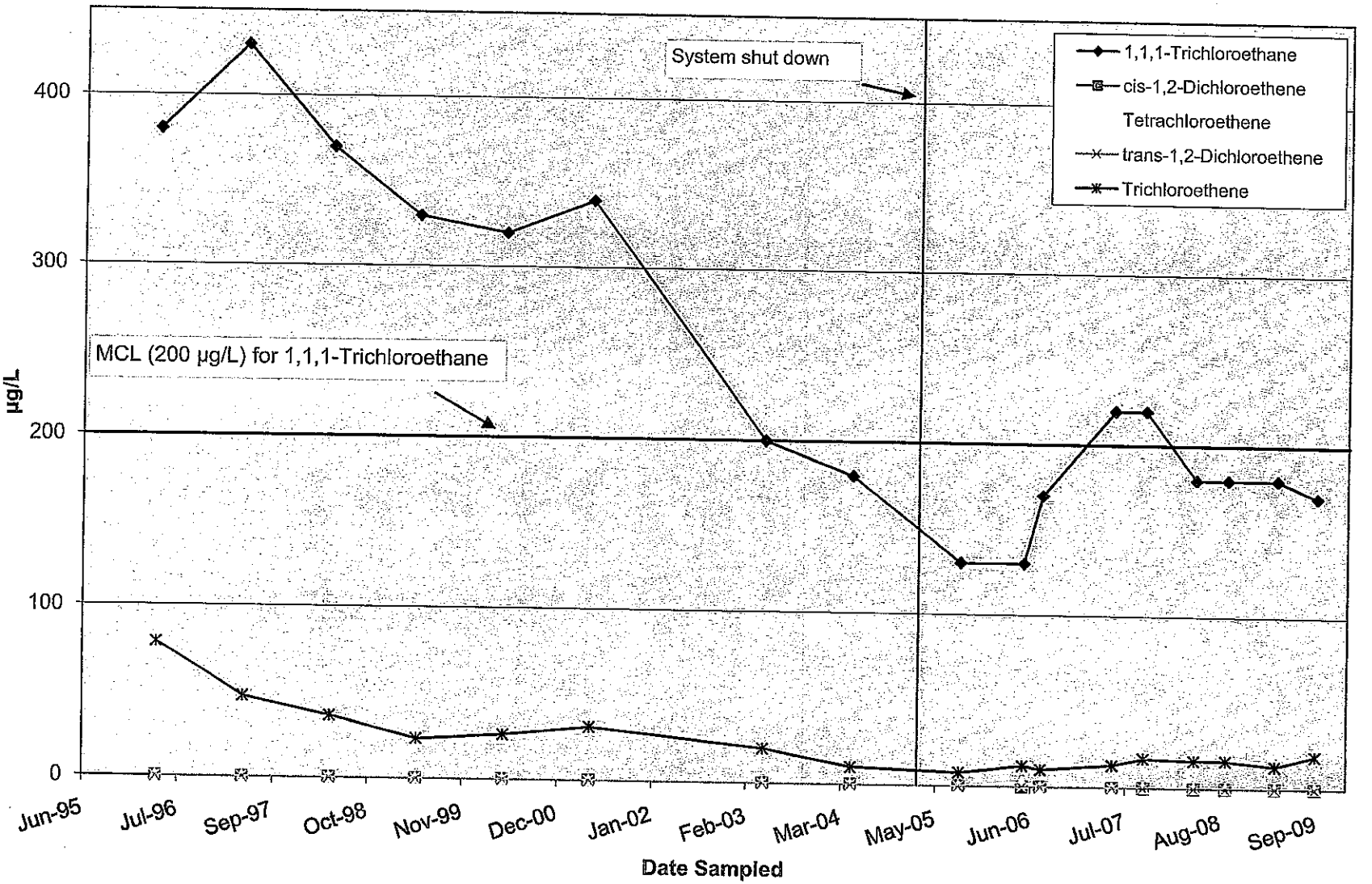

Granville Solvents VOC Concentrations in Well MW-P1
[Source Area Well]
TCE result from 05/01/1996
was 1400µg/L
System shut down
1,1,1-Trichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
trans-1,2-Dichloroethene
Trichloroethene
µg/L
800
700
600
500
400
300
200
100
0
Jun-95
Jul-96
Sep-97
Oct-98
Nov-99
Dec-00
Jan-02
Feb-03
Mar-04
May-05
Jun-06
Jul-07
Aug-08
Sep-09
Date Sampled

Figure 5.3

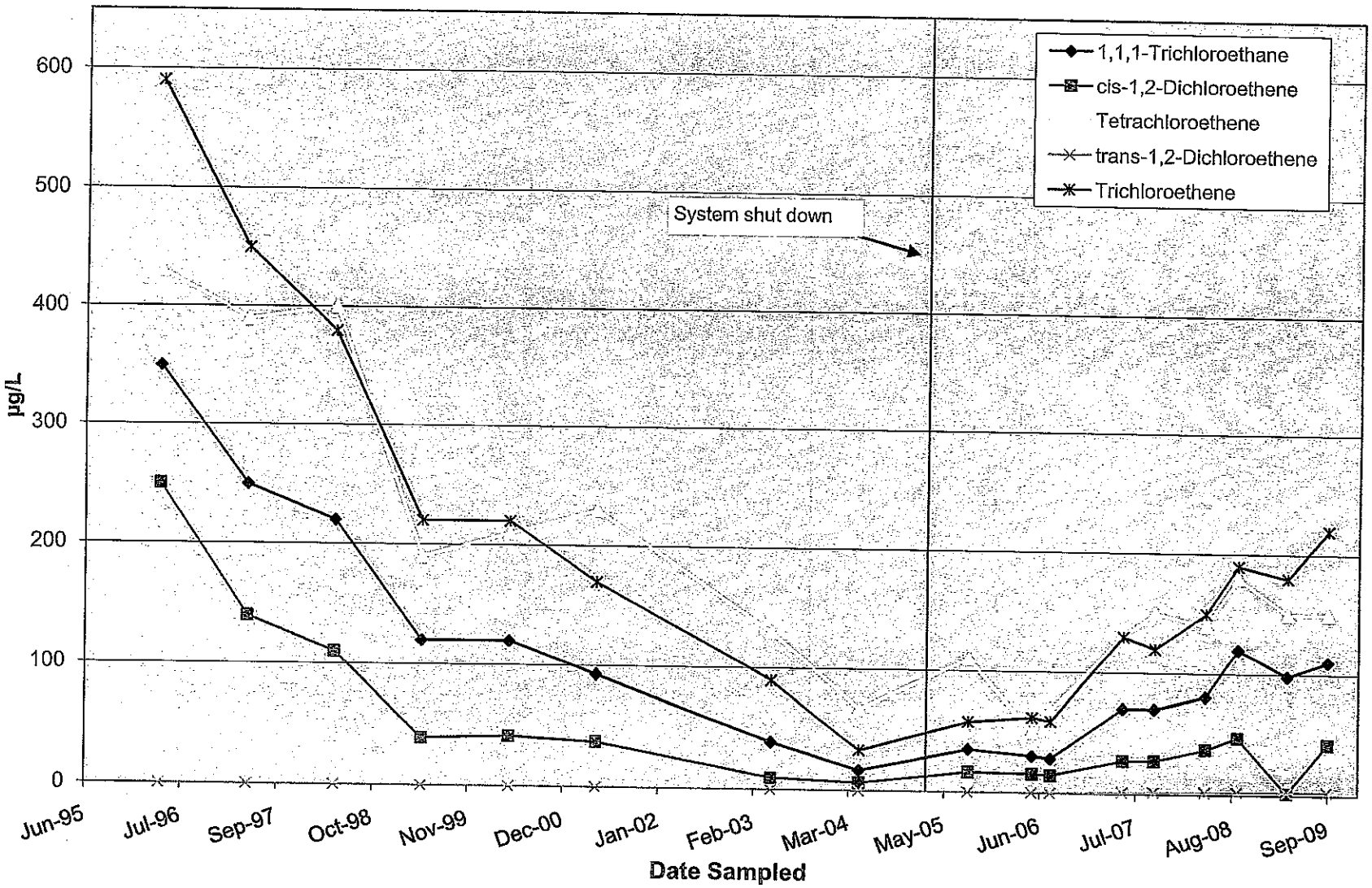
Granville Solvents VOC Concetrations in Well MW-06
[Source Area Well]



Graphs10-2009

Figure 5.4

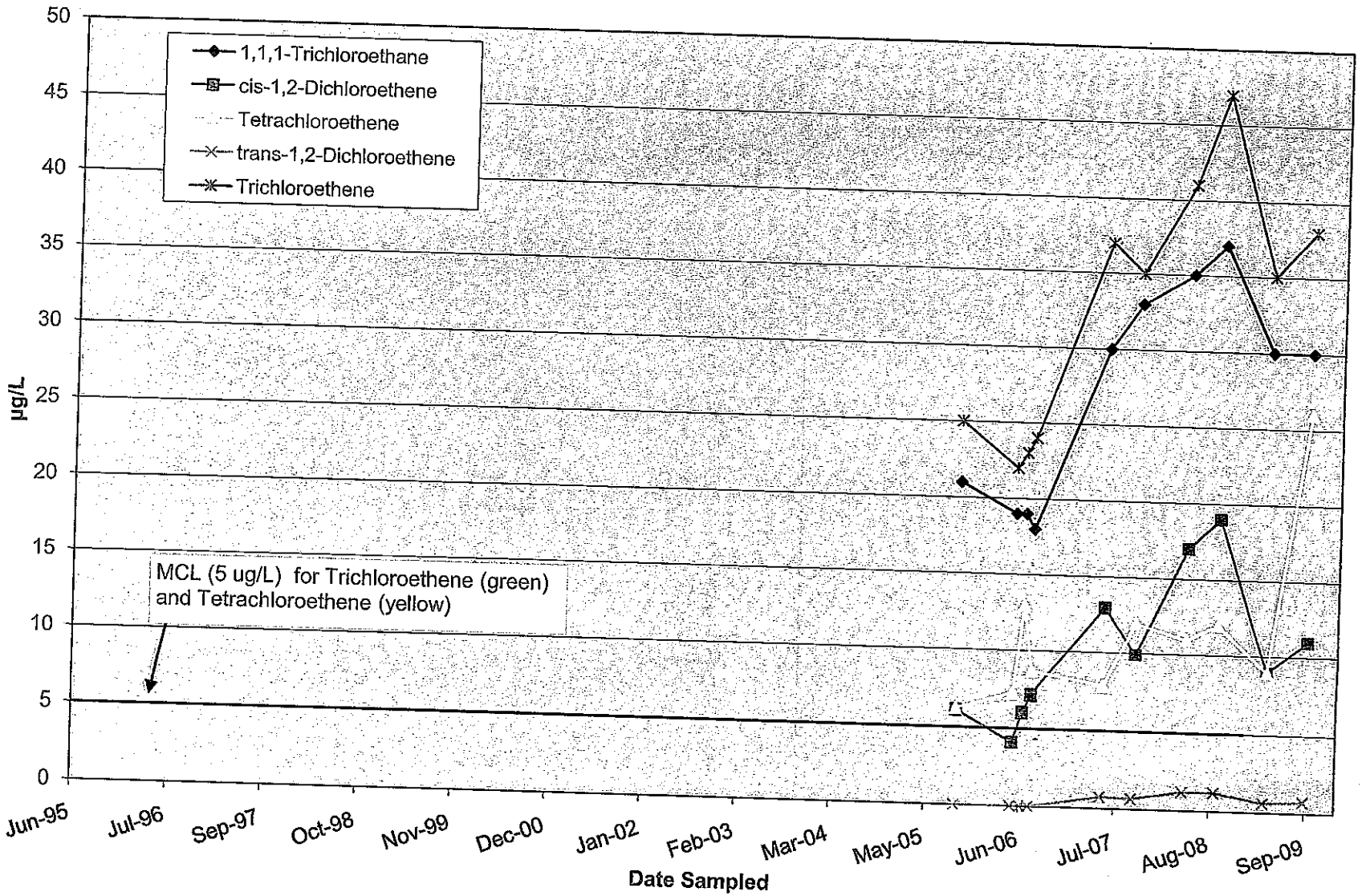
Granville Solvents VOC Concentrations in Well MW-02D [Source Area Well]



Graphs10-2009

Figure 5-5

Granville Solvents VOC Concentrations in Well GSSMW-15

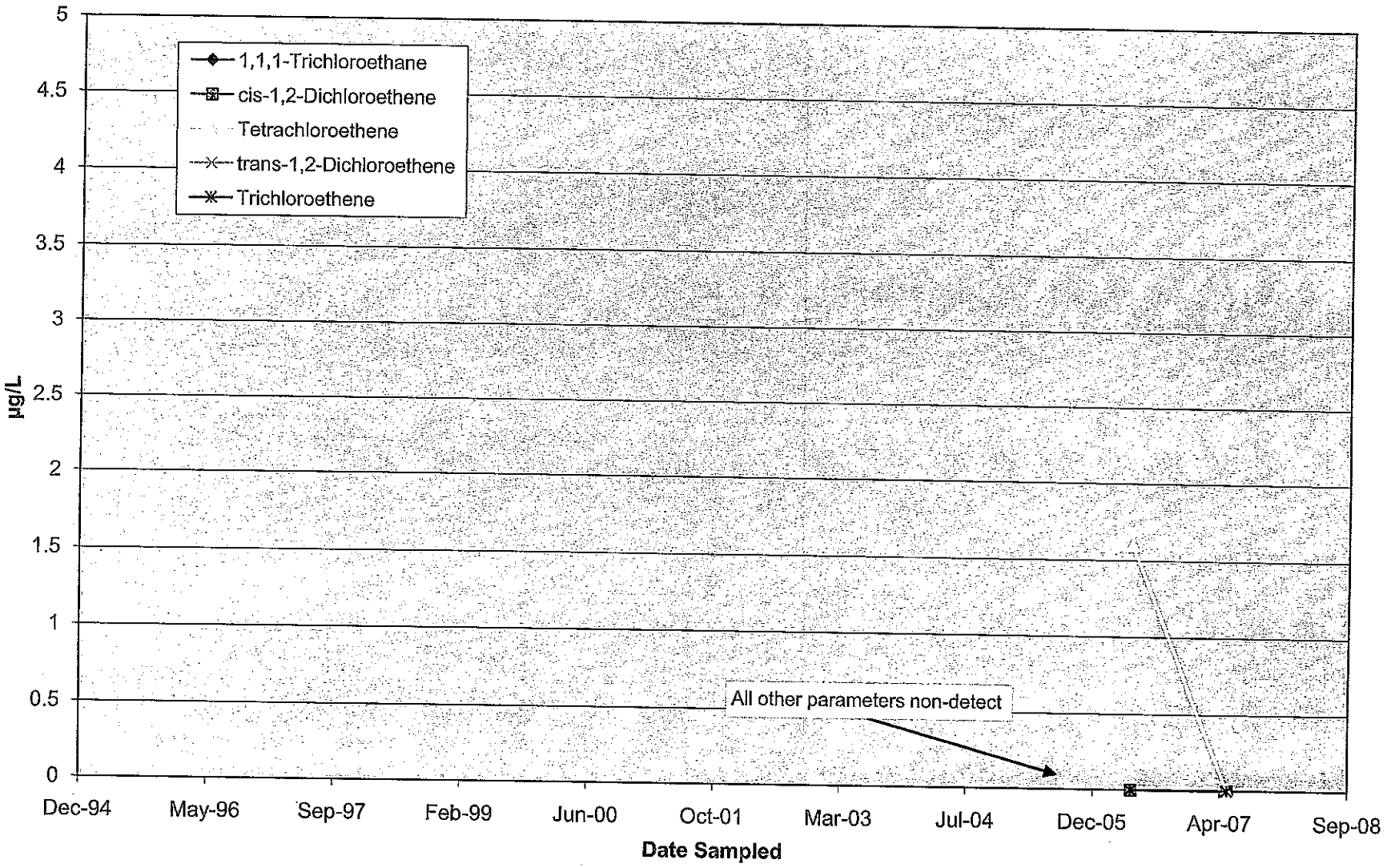


Note: MCL for 1,1,1-Trichloroethane = 200 µg/L
MCL for cis-1,2-Dichloroethene = 70 µg/L

Graphs10-2009

Figure 5-6

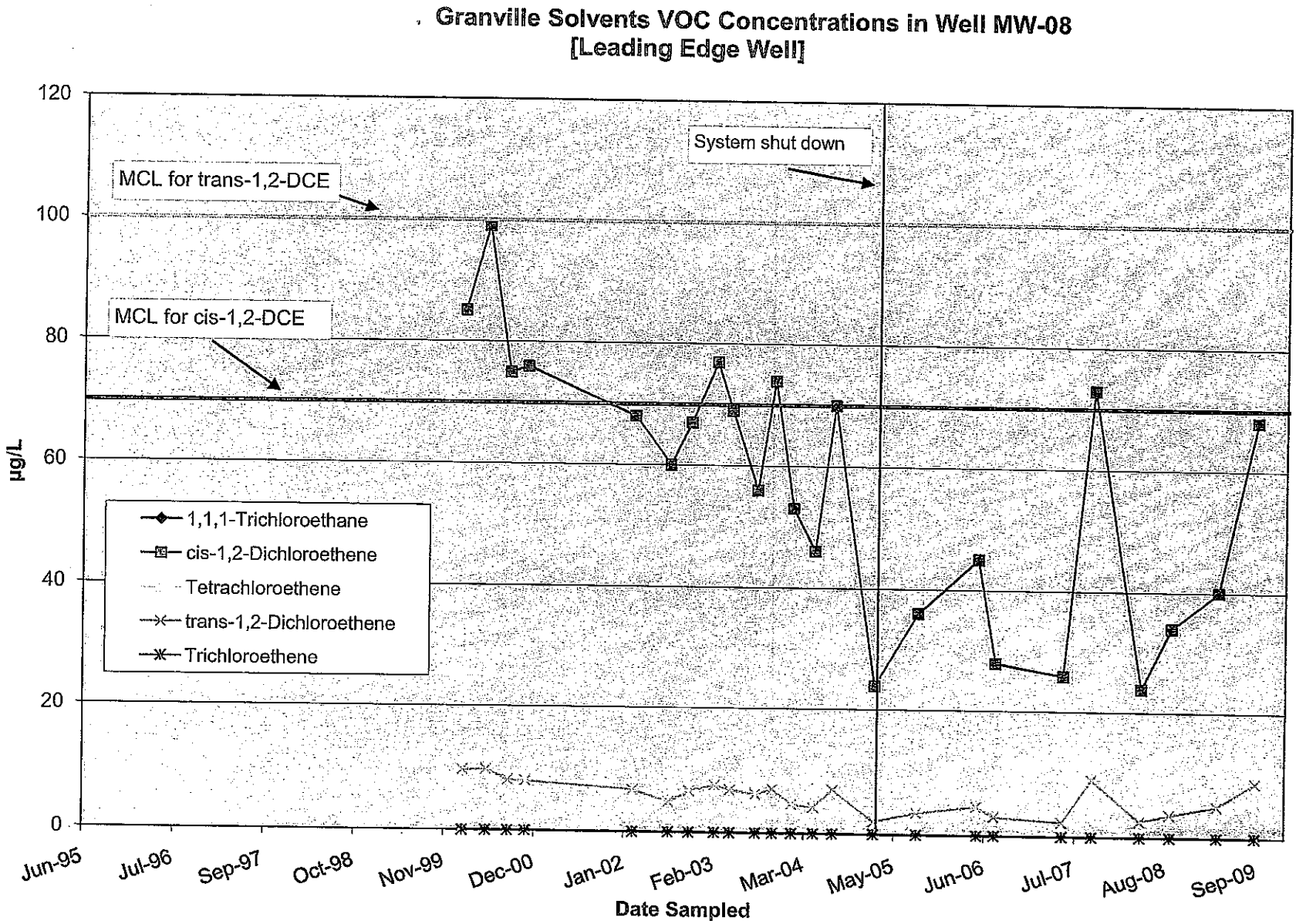
Granville Solvents VOC Concentrations in Well MW-07



Note: MW-7 not currently part of the sampling plan.

Graphs10-2009

Figure 5-7

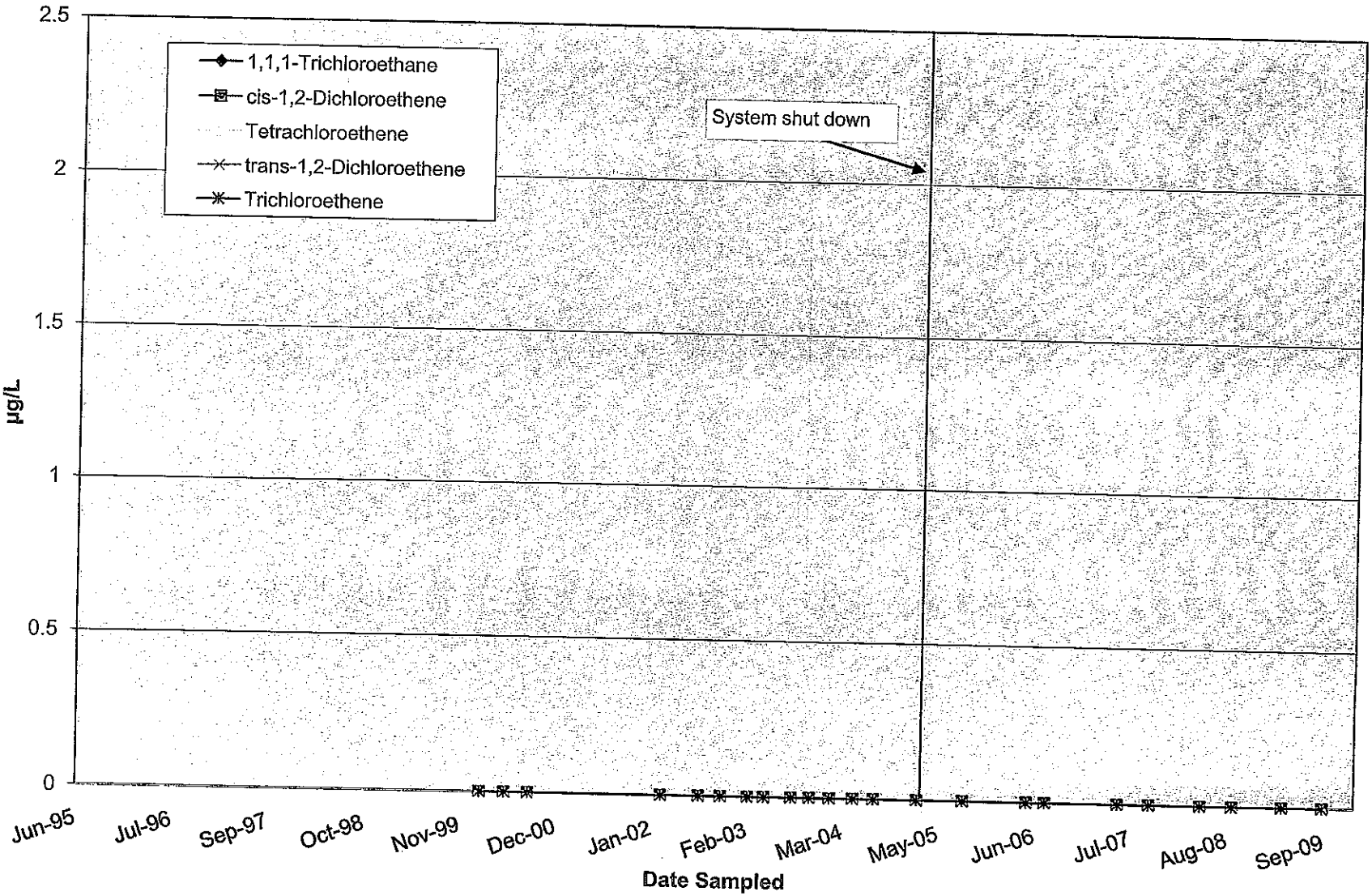


Note: If the concentration of any VOC from a leading edge well is greater than twice the MCL, groundwater treatment will resume.

Graphs10-2009

Figure 5-8

Figure 7. Granville Solvents VOC Concentrations in Well GSSMW-08 [Compliance Well]

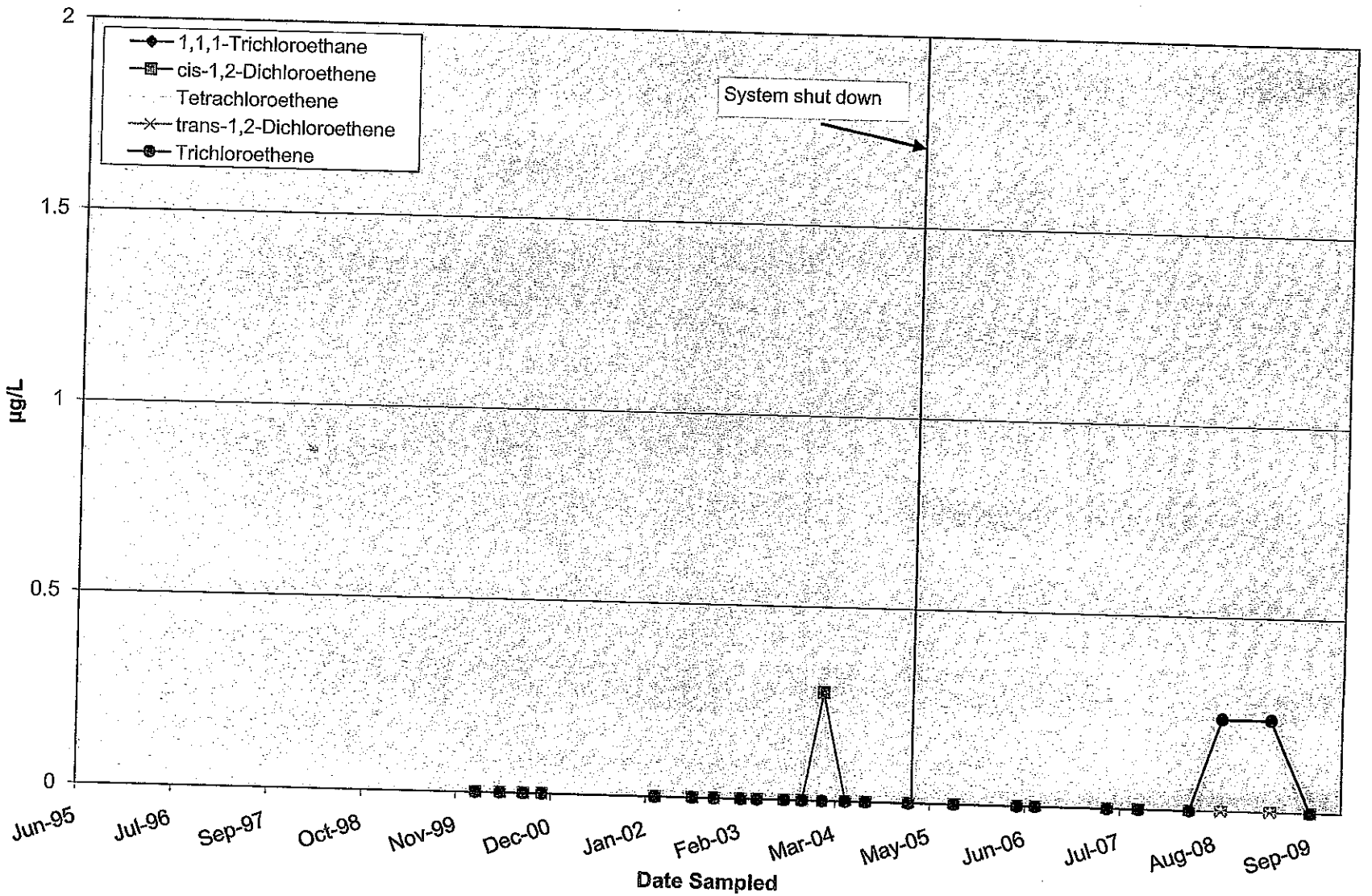


Note: If the concentration of any VOC in a compliance well meets or exceeds the MCL, groundwater treatment will resume.

Graphs10-2009

Figure 5-9

Figure 8. Granville Solvents VOC Concetrations in Well GSSMW-09 [Compliance Well]



Note: If the concentration of any VOC in a compliance well meets or exceeds the MCL, groundwater treatment will resume.

Graphs10-2009

Appendix A – Groundwater Level Data 1994 -2002

Table A-1
Granville Solvents Site
Groundwater Level Data

	MW1	MW3	MW2	MW2D	MW4D	MW4D2	MW5	MW6	MW6D	MW7	MW7D	MW8	MW8D	MWP1	VOG PW1	VOG PW2	VOG PW3
02/25/94	900.23	909.62	900.38	900.37	900.26	900.27	899.25	900.41	900.39	900.22	900.25	900.23	900.21	900.28	900.74	900.00	909.71
05/03/94	900.40	910.91	900.36	900.33	900.39	900.40	900.44	900.37	900.33	900.12	900.14	900.32	900.22	900.39	899.30		
05/25/94	900.22	909.62	900.24	900.22	900.11	900.26	899.25	900.26	900.21	900.15	900.14	900.22	900.21	900.23	900.16	899.99	910.82
06/16/94	898.96	908.15	898.89	898.86	898.81		899.00	898.90	898.86	898.63	898.61	898.68	898.71	898.92	898.16	898.03	900.79
07/17/94				896.05	895.68	895.77		895.85	895.87	895.65	895.57	895.59	895.59	895.83	909.35	864.01	
08/24/94	899.02	910.58	899.03	899.06	898.98	898.80	899.12	899.06	898.78	898.74	898.57	898.70	898.69	898.91	898.98	863.61	909.71
12/20/94	898.43	912.00	898.54	898.54	898.55	898.49	898.49	898.54	898.55	898.32	898.30	898.25	898.23	898.49	898.41		
12/30/94	898.54	910.08	898.69	898.69	898.65	898.60	898.58	898.71	898.68	898.54	898.52	898.50	898.47	898.61	898.83		
01/01/95	898.22	909.98	898.30	898.29	898.35	898.24	898.27	898.31	898.31	897.86	897.89	897.86	897.83	898.26	898.31		
01/03/95	898.06	909.77	898.12	898.12	898.18	898.07	898.11	898.12	898.13	897.66	897.69	897.67	897.64	898.08	897.30		
01/09/95	897.36	909.59	897.41	897.39	897.37	897.16	897.42	897.42	897.40	897.15	897.12	897.00	897.05	897.26	897.53	897.16	909.71
01/17/95	897.36	914.02	901.16	901.16	901.63	901.04	900.94	901.14	901.17	901.24	901.04	900.97	900.95	901.06	901.01	865.28	909.71
01/30/95	898.77	912.17	898.77	898.73	899.66	898.50	898.82	898.66	898.66	898.38	898.38	898.32	898.31	898.62	898.44	863.43	909.71
2/10/1995	898.01	910.74	898.02	898.01	898.11	897.78	898.12	898.03	898.04	897.63	897.64	897.56	897.53	897.90	897.81	863.11	899.84
02/11/95	898.01	910.44	898.14	898.14	898.20	898.90	898.21	898.15	898.16	897.86	897.87	897.80	897.77	898.04	897.88	897.16	899.84
02/15/95	898.51	910.34	898.57	898.56	898.64	898.32	898.59	898.58	898.59	898.29	898.31	898.24	898.21	898.44	898.18	862.86	899.64
03/03/95	898.87	912.29	898.92	898.93	899.01	898.70	898.96	898.95	898.95	898.68	898.70	898.62	898.59		898.73	863.56	901.61
3/15/95	899.41	912.22	899.53	899.53	899.43	899.27	899.49	899.53	899.53	899.50	899.46	899.41	899.40	899.38	900.07	899.74	
04/05/95	898.38	909.97	898.42	898.43	898.28	898.20	898.48	898.44	898.46	898.22	898.21	898.14	898.13	898.30	900.17	897.22	899.31
04/12/95	899.41	912.22	899.53	899.53	899.43	899.27	899.49	899.53	899.53	899.50	899.46	899.41	899.40	899.38	900.07	899.74	
04/28/95	898.21	911.50	898.23	898.22	898.05	897.97	898.33	898.25	898.24	897.92	897.92	897.86	898.02	898.09	897.89	862.68	899.97
05/31/95	898.98	911.42	899.00	898.99	898.97	898.74	899.09	899.00	899.01	898.75	898.74	898.68	898.67	898.86	899.08	898.79	901.16
06/06/95	898.81	911.18	898.83	898.81	898.81	898.56	898.88	898.83	898.84	898.52	898.54	898.48	898.45	898.69	898.72	897.87	900.81
07/22/95	897.37	909.35	897.39	897.37	897.25	897.13	897.50	897.40	897.40	897.09	897.06	896.98	896.96	897.25	897.02	861.91	909.71
09/04/95	897.85	908.81	897.97	897.96	898.06	897.95	898.15	898.00	898.10	897.23	897.27	897.23	897.20	897.97			
09/24/95	899.02	910.57	899.02	899.06	898.98	898.79	899.12	899.05	899.08	898.74	898.56	898.70	898.68	898.90	907.98	860.28	909.71
09/29/95	896.42	906.97	896.42	897.28	896.27	896.13	896.56	896.40	896.38	895.83	896.02	895.81	895.78	896.23	896.03	860.28	909.71
10/26/95	896.12	909.11	896.52	896.05	895.98	895.86	894.27	896.08	896.08	895.61	895.64	895.53	895.49	895.95	895.63	859.66	909.71
11/17/95	896.47	911.15	896.47	896.44	896.37	896.25	896.65	896.45	896.45	896.03	896.02	895.93	895.86	896.37	896.04	859.88	
01/18/96	897.47	913.06	897.52	897.51	897.67		897.68	897.56	897.58	897.19	897.08	896.90	896.86	897.42	896.45	860.55	897.78
01/31/96	899.07	912.99	899.08	899.08	899.79	898.82	899.15	899.07	899.07	898.74	898.76	898.68	898.65		899.03	862.74	909.71
03/15/96	899.72	912.28	899.64	899.64	900.08	899.49	899.78	899.66	899.62	899.59	899.53	899.61	899.59	899.58	900.02	899.87	910.82
04/25/96	899.48	913.21	899.38	899.37	899.33	899.26	899.60	899.38	899.36	899.15	899.08	899.12	899.11	899.33	898.69	864.12	901.32
05/13/96	900.08	911.61	899.79				900.17								900.45		
05/15/96	901.74	913.48	901.48	901.93	901.46	901.54	901.78	901.70	901.72	901.66	901.70	901.77	901.77	901.61	902.41	902.47	910.82
06/17/96	900.08	911.61	899.79	900.23	899.80	899.88	900.17	899.91	900.18	899.93	899.91	899.99	900.01	899.95	900.45	900.31	890.62
07/17/96	897.81	909.02	897.36	897.78	897.44	897.51	897.86	897.59	897.62	897.29	897.25	898.27	898.27	897.57	896.82	865.32	898.87
08/09/96	897.11	909.77	896.77	897.17	896.82	896.12	897.24	896.94	896.98	896.72	896.63	899.67	899.78	899.17	896.90	865.21	898.90
3/09/96	897.11	909.77	896.77	897.17	896.82	896.12	897.24	896.94	896.98	896.72	896.63	899.67	899.78	899.17	896.90	865.21	898.90
09/18/96	896.11	909.07		896.04	895.68	895.77	896.50	895.85	895.85	895.67	895.55	895.59	895.59	895.81	895.56	895.09	885.51

Table A-1
Granville Solvents Site
Groundwater Level Data

	MW1	MW3	MW2	MW2D	MW4D	MW4D2	MW5	MW6	MW6D	MW7	MW7D	MW8	MW8D	MWP1	VOG PW1	VOG PW2	VOG PW3
10/11/96				896.05	895.68	895.77		895.85	895.87	895.65	895.57	895.59	895.59	895.83	909.35	864.01	896.22
12/17/96	897.64	913.49	897.45	897.91	897.52	897.61	897.82	897.63	897.64	897.67	897.49	897.49	897.49	897.63	897.45	897.75	897.55
01/17/97	897.42	909.88	897.12	897.53	897.16	897.25	897.54	897.35	897.32	897.10	897.06	897.28	896.87	897.28	896.60	909.37	910.82
01/17/97	897.42	909.88	897.12	897.53	897.16	897.25	897.54	897.35	897.32	897.10	897.06	897.28	896.87	897.28	896.60	909.37	910.82
02/19/97	898.09	911.25	897.76	898.19	897.84	897.91	898.21	897.97	897.99	897.72	897.66	897.69	897.69	897.96	897.23	865.83	899.66
03/20/97	899.50	912.91	899.25	899.68	899.28	899.36	899.60	899.45	899.49	899.43	899.33	899.45	899.44	899.41	899.77	899.75	891.02
04/23/97	898.56	910.75	898.26	898.69	898.30	898.39	898.65	898.45	898.48	898.37	898.29	899.33	898.34	898.43	898.37	898.47	898.87
05/22/97	898.51	910.27	898.25	898.68	898.29	898.37	898.59	898.45	898.46	898.43	898.35	898.39	898.42	898.43	898.53	898.89	898.54
06/20/97	901.01	914.66	900.09	901.28	900.84	900.91	901.04	901.05	901.06	901.30	901.13	901.17	901.24	900.97	901.65	902.27	902.60
07/21/97	898.68	908.68	897.41	898.85	898.46	898.57	898.78	898.63	898.64	898.57	898.49	898.53	898.57	898.59	898.87	898.69	889.25
08/22/97	900.46		900.24	900.67	900.28	901.35	900.52	900.45	900.44	900.48	900.37	900.43	900.46	900.39	900.76	909.37	910.82
09/22/97	898.10		897.76	898.18	897.84	897.95	898.18	897.95	897.99	897.73	897.67	897.70	897.75	903.91	897.35	866.22	899.32
01/21/98	898.46		898.22	898.61	898.28	898.37	898.55	898.39	898.39	898.20	898.17	898.19	898.21	898.38	897.67	877.92	899.92
02/18/98	898.34	913.61	898.04	898.49	898.18	898.27	898.50	898.23	898.24	898.06	897.93	897.91	897.96	898.28	897.35	877.03	900.01
03/18/98	898.74		898.46	898.89	898.55	898.66	898.82	898.65	898.67	898.55	898.49	898.49	898.56	898.67	909.35	909.37	910.82
04/15/98	899.32		899.04	899.47	899.12	899.23	899.40	899.25	899.25	898.97	899.08	899.15	899.18	899.23	909.35	909.37	910.82
05/06/98	900.94	912.96	900.69	901.43	900.78	900.87	901.00	900.89	900.92	900.81	900.81	900.87	900.91	900.88	909.35	909.37	910.82
5/20/98	900.46	910.45	900.21	900.67	900.28	900.39	900.50	900.40	900.44	900.37	900.35	900.27	900.47	900.39	900.85	901.29	901.74
06/17/98	899.66		899.43	899.89	899.53	899.63	899.76	899.65	899.66	899.67	899.59	899.59	899.61	899.64	900.09	900.24	899.98
07/15/98	899.66		899.46	899.91	899.48	899.56	899.80	899.55	899.76	899.76	899.62	899.77	899.79	899.63	909.35	909.37	910.82
08/12/98	897.96		897.69	898.07	897.71	897.77	898.07	897.95	897.92	897.85	897.76	897.80	897.76	897.83	897.81	897.86	897.94
08/19/98	897.64	908.23	897.36	897.43	897.38	897.44	897.76	897.57	897.60	897.58	897.45	897.47	897.50	898.06	897.75	897.53	888.02
09/16/98				896.11	895.77	895.83		895.89	895.90	895.65	895.53	895.54	895.57	895.89	895.15	875.47	896.96
10/21/98				895.37	894.92	895.01		895.19	895.19		894.91	895.09	894.89	901.03	894.25	874.42	896.30
11/19/98		908.14		895.70	895.18	895.23		895.75	895.42	895.53	895.44	895.47	895.47	895.39	895.77	895.71	895.29
12/16/98				895.90	895.38	895.43		896.65	895.66	895.76	895.63	895.66	895.67	895.56	895.81	896.05	896.20
12/16/98				895.90	895.38	895.43		896.65	895.66	895.76	895.63	895.66	895.67	895.56	895.81	896.05	896.20
01/20/99	898.75		898.52	898.93	898.42	898.52	898.84	898.67	898.69	898.81	898.63	898.65	898.66	898.61	898.59	898.53	889.27
02/11/99	898.79		898.50	898.99	898.48	898.55	898.91	898.73	898.74	898.81	898.69	898.71	898.73	898.67	899.03	898.83	891.54
03/17/99	898.78		898.50	898.92	898.46	898.53	898.92	898.65	898.68	898.67	898.54	898.54	898.61	898.63	898.31	878.95	902.02
04/22/99	899.22		898.98	899.42	898.96	899.03	899.35	899.17	899.17	899.29	899.11	899.13	899.13	899.12	899.27	899.67	899.78
05/03/99	899.53	911.19	899.29	899.73	899.27	899.33	899.64	899.46	899.50	899.57	899.49	899.77	899.33	899.42	899.95	909.37	910.82
05/18/99	898.82		898.54	898.99	898.54	898.63	898.94	898.77	898.77	898.84	898.72	898.77	898.82	898.70	899.14	909.37	910.82
06/15/99	897.43		897.18	897.59	897.17	897.25	897.56	897.35	897.38	897.37	897.23	897.27	897.32	897.31	897.47	909.37	910.82
07/21/99				895.93	895.30	895.83		895.73	895.74	895.61	895.49	895.51	895.53		895.59	909.37	910.82
08/04/99				895.53	895.11	895.07		895.25	895.30	895.16	895.05	895.05	895.03	895.28	894.88	894.63	886.49
08/18/99				894.83	895.09	895.15		894.63	894.62		895.07	895.09	895.11	895.24	894.89	894.57	884.40
09/15/99				894.41	894.16	894.33			894.20		893.76	893.71	893.76	894.16	892.91	871.63	894.67
10/20/99				894.41	894.16	894.33			894.20		893.76	893.71	893.76	894.16	892.91	871.63	894.67
10/21/99					893.45	893.52		893.44	893.77		893.09		892.40		892.13	872.34	896.25

Table A-1
Granville Solvents Site
Groundwater Level Data

	MW1	MW3	MW2	MW2D	MW4D	MW4D2	MW5	MW6	MW6D	MW7	MW7D	MW8	MW8D	MWP1	VOG PW1	VOG PW2	VOG PW3
12/15/99				894.60	894.20	894.32		894.35	894.38		894.08	894.07	894.07	894.36	893.40	892.82	881.22
12/15/99				894.60	894.20	894.32		894.35	894.38		894.08	894.07	894.07	894.36	893.40	892.82	881.22
01/19/00	896.21			896.40	895.97	896.07		896.25	896.27	896.15	896.05	896.07	896.11	896.12	896.15	895.87	895.25
02/21/00	897.66		897.43	897.83	897.41	897.51	897.80	897.63	897.64	897.59	897.43	897.47	897.51	897.58	897.36	897.57	898.07
03/15/00	897.12		896.88	897.29	896.86	896.93	897.26	897.05	897.08	896.95	896.85	896.85	896.87	897.02	896.50	877.22	898.52
04/18/00	898.66		898.37	898.63	898.39	898.46	898.80	898.64	898.61	898.21	898.32	898.35	898.34	898.53	897.86	878.08	900.47
05/17/00	898.10		897.79	898.23	897.80	897.89	898.23	897.95	898.00	897.94	897.85	897.87	897.92	897.97	897.86	909.37	887.47
06/22/00	897.88		897.58	898.01	897.60	897.72		897.81	897.78	897.71	897.61	897.63	897.67	897.75	897.54	897.57	887.27
07/26/00				896.59	896.24	896.37			896.38	896.21	896.10	896.12	896.15		895.92	895.91	895.72
08/25/00				896.48	896.13	896.24			896.27	896.13	896.03	896.06	896.07	896.30	896.01	896.19	895.79
09/21/00				896.01	895.69	895.81			895.79	895.59	895.48	895.52	895.55	895.81	895.36	895.47	894.84
10/25/00				896.30	896.05	896.19			896.09	895.69	895.63	895.62	895.64		894.89	875.81	896.74
12/19/00				899.69	899.35	899.46			899.48	899.53	899.32	899.35	899.36				
12/19/00				899.69	899.35	899.46			899.48	899.53	899.32	899.35	899.36				
01/18/01				898.25	897.98	898.11			898.03	897.79	897.72	897.77	897.78			897.48	887.06
02/18/01	898.69		898.39	898.81	898.58	898.67			898.03	898.21	898.21	898.25	898.27		897.68	878.51	899.84
03/15/01			896.80	897.23	896.70	896.79			897.01	896.96	896.83	896.87	896.88		896.66	896.91	897.52
3/17/01				895.10	892.70	893.21		894.90	894.90		894.53		894.68	894.82	893.75		895.88
04/19/01	898.26		898.01	898.47	897.90	897.98			898.22	898.45	898.23	898.32	898.31		898.57	899.03	899.18
05/23/01	899.40		899.20	899.62	899.04	899.12	899.47	899.40	899.42	899.70	899.48	899.55	899.54	899.23	899.83	900.31	900.05
06/13/01	899.05		898.79	899.22	898.58	898.72	899.09	898.95	899.04	899.17	899.01	899.10	899.12	898.85	899.31	899.41	889.51
07/18/01	897.82	896.88	896.99	897.35	897.31	897.70	897.49	897.49	897.70	897.53	897.62	896.69	896.91	903.66	897.33	887.06	898.40
08/22/01				896.03				895.85	895.85	895.69	895.55	895.83	895.42	895.73	895.06	876.37	895.88
10/17/01				895.40	898.67	897.97		895.15	895.17	895.18	895.07	895.11	895.11	895.05	895.13	895.38	895.42
11/07/01				895.53	898.32	898.61		895.27	895.32	895.37	895.25	895.27	895.29	895.18	895.33	895.55	895.80
12/12/01	896.56		896.33	896.72	900.00	899.28	896.65	896.47	896.53	896.62	896.43	896.48	900.40	896.36	896.52	896.65	
01/16/02	897.21		896.95	897.38	900.66	899.97	897.32	897.13	897.16	897.22	897.07	897.12	897.13	897.04	897.04	897.13	896.94
02/13/02	897.59		897.33	897.75	901.05	900.34	897.68	897.47	897.53	897.56	897.41	897.45	897.45	897.41	897.25	897.20	887.94
02/27/02	897.59		897.33	897.75	901.05	900.34	897.68	897.47	897.53	897.56	897.41	897.45	897.45	897.41	897.25	897.20	887.94
03/13/02	896.71		896.40	896.81	900.17	899.46	896.85	896.56	896.62	896.46	896.36	896.36	896.36	897.52	895.90	877.27	898.14
04/18/02	899.41		899.21	899.63	902.91	902.20	899.45	899.38	899.42	899.62	899.46	899.52	899.55	899.27	899.87	900.35	900.31

Table A-1
Granville Solvents Site
Groundwater Level Data

	VOG PW4	HP14	HP15	GSSP1	GSSP2	GSSEW1	GSSEW2	STAN	GSSMW1	GSSMW2	GSSMW3	GSSMW3D	GSSMW4	GSSMW5	GSSMW6	GSSMW7	GSSMW8
02/25/94		900.39	900.31														
05/03/94																	
05/25/94		900.27	900.20														
06/16/94		898.07	897.86														
07/17/94		895.05	894.70	895.21													
08/24/94		898.55	898.38	898.52	898.58	897.83	898.59	898.90		898.80							
12/20/94		897.97	897.82	898.33	898.33	898.31	898.60	898.60		898.38							
12/30/94		898.43	898.34	898.62	898.61	898.61	898.71	898.59		898.65							
01/01/95		897.94	897.98	897.61	897.68	896.77	898.35	897.99		897.90							
01/03/95		897.74	897.76	897.42	897.47	896.58	898.18	897.78		897.70							
01/09/95		897.19	897.27	896.86	896.91	896.14	897.12	897.27		897.15							
01/17/95		900.47	900.11	901.09	901.13	901.13	901.16	901.34		901.27							
01/30/95		898.01	897.77	898.02	898.07	897.29	898.20	898.51		898.34							
2/10/1995		897.35	897.16	898.47	897.35	896.56	897.61	897.68		897.63							
02/11/95		897.45	897.26	898.69	897.69	897.33	897.78	897.81		897.86							
02/15/95		897.69	897.24	898.17	898.10	897.85	898.28	898.34		898.24							
03/03/95		898.27	897.99	898.55	898.53	898.16	898.28	898.74		898.72							
3/15/95		899.67	899.75	899.45	899.51	899.18	899.23	899.65		899.63							
04/05/95		897.77	897.54	898.07	898.05	897.68	898.16	898.28		898.21							
04/12/95		899.67	899.75	899.45	899.51	899.18	899.23	899.65		899.63							
04/28/95		897.39	897.08	897.65	897.67	897.13	897.86	898.04		897.88							
05/31/95		898.68	898.66	902.54	894.58	897.94	898.65	898.86		898.82							
06/06/95		898.26	898.11	898.27	898.31	897.67	898.47	898.70		898.55							
07/22/95		896.55	896.25	896.76	896.81	896.19	897.05	897.06		897.05							
09/04/95																	
09/24/95		895.19	894.86	895.52	895.57	894.80	895.95	895.90		895.83							
09/29/95		895.19	894.86	895.52	895.57	894.80	895.95	895.90		895.83							
10/26/95		894.81	894.41	895.23	895.08	894.45	895.68	895.58		895.52							
11/17/95		895.20	894.81	895.62	895.67	894.31	896.07	895.93		895.93							
01/18/96		911.05	895.37	896.59	896.67	895.64	897.12	896.79	903.20	897.02	898.13	897.74	898.00	897.31	901.65	908.22	896.25
01/31/96		898.25	897.91	898.43	898.51	897.46	898.62	898.83	905.86	898.71	899.28	899.29	899.44	898.91	903.68	908.41	897.41
03/15/96	899.85	899.96	899.32	899.43	899.64	898.09	899.11	899.89	905.57		899.83	899.84	900.00	899.60	904.13	908.31	899.62
04/25/96		898.70	898.45	898.72	898.77	897.36	898.88	899.31	905.61	899.06	899.66	899.70	899.83	899.32	904.12	908.49	898.77
05/13/96																899.95	
05/15/96		902.27	902.42	901.49	901.61	900.12	901.17	902.19	907.15	901.29	901.88	901.80	902.03	901.72	905.62	908.33	901.90
06/17/96		900.29	900.40	899.69	899.81	898.21	899.50	900.35	905.89	900.01	900.12	900.14	900.46	900.04	904.11	907.85	899.99
07/17/96		896.76	896.45	896.86	896.89	895.16	897.11	897.43	904.15	897.17	898.00	897.94	898.20	897.58	902.27	906.33	896.88
08/09/96		896.19	895.96	896.74	896.33	894.68	896.50	896.77	903.51	896.59	897.42	897.35	897.54	896.92	901.64	908.35	899.65
8/09/96		896.19	895.96	896.74	896.33	894.68	896.50	896.77	903.51	896.59	897.42	897.35	897.54	896.92	901.64	908.35	899.65
09/18/96		895.33	895.24	899.22	891.30	893.63	895.36	895.67	901.91	895.57	896.28	896.22	896.38	897.75	897.73	906.09	895.27

Table A-1
Granville Solvents Site
Groundwater Level Data

	VOG PW4	HP14	HP15	GSSP1	GSSP2	GSSEW1	GSSEW2	STAN	GSSMW1	GSSMW2	GSSMW3	GSSMW3D	GSSMW4	GSSMW5	GSSMW6	GSSMW7	GSSMW8
10/11/96		895.05	894.70	895.21	895.23	893.56	895.36	895.74	902.15	895.49	896.31	896.22	896.38	895.82	900.02	907.03	895.20
12/17/96	884.56	897.55	897.59	897.24	897.38	895.86	897.21	897.63	903.15	897.69	898.32	898.32	898.02	897.72	900.87	908.47	897.31
01/17/97	910.50	896.62	896.45	896.78	896.78	895.76	896.88	897.14	903.92	896.94	897.73	897.62	897.38	899.67	899.21	906.88	896.68
01/17/97	910.50	896.62	896.45	896.78	896.78	895.76	896.88	897.14	903.92	896.94	897.73	897.62	897.38	899.67	899.21	906.88	896.68
02/19/97	900.72	897.17	896.83	897.30	897.31	895.90	897.52	897.81	904.89	897.59	898.40	898.35	898.47	898.04	902.49	907.85	897.26
03/20/97	901.14	899.58	899.64	899.15	899.21	897.76	898.58	899.65	905.69	899.46	899.71	899.68	899.78	899.39	903.38	908.36	899.35
04/23/97	900.45	898.39	898.44	898.03	898.11	896.64	898.01	898.57	904.78	898.35	898.74	898.72	898.88	898.42	902.23	907.44	898.20
05/22/97	885.67	898.65	898.73	898.16	898.26	896.70	898.01	898.66	904.31	898.48	898.66	898.68	898.68	898.39	903.22	907.15	898.37
06/20/97	902.75	901.81	902.00	901.07	901.24	899.66	901.52	901.74		901.47	901.10	901.12	901.07	900.95	904.41	908.87	901.45
07/21/97	899.65	898.69	898.74	898.28	898.31	896.92	898.18	898.79	904.86	898.56	898.79	898.80	898.96	898.58	902.39	905.18	897.45
08/22/97	911.27	910.93		900.23	900.35	898.81	899.83	900.77	906.41	900.57	900.65	900.60	900.64	900.36		908.79	900.51
09/22/97	900.83	897.29	897.02	891.38	897.29	895.86	897.57	897.78	904.73	897.64	898.30	898.24	898.39	897.92	902.29	905.23	897.39
01/21/98	901.43	897.65	897.34	897.84	897.87	896.69	898.05	898.38	904.91	898.11	898.64	898.64	898.76	898.32	902.53	907.89	897.88
02/18/98	902.10	897.25	896.87	897.56	897.59	896.28	897.94	897.89	905.07	897.91	898.73	898.72	898.68	898.14	902.65	908.48	897.49
03/18/98	911.27	910.93		898.24	898.31	896.83	898.33	898.63	905.37	898.55	898.97	898.91	899.00	908.59	902.81	908.05	898.39
04/15/98	911.27	910.93		898.86	898.91	897.41	898.91	899.37	905.57	899.15	899.50	899.42	899.56	909.18	903.06	908.18	899.02
05/06/98	911.27	910.93		900.61	900.67	899.14	900.57	901.11	907.01	900.89	901.03	900.98	901.16	900.88	904.67	908.57	900.85
5/20/98	887.47	900.78	901.10	900.22	900.29	898.69	900.07	900.73	906.51	900.49	900.51	900.46	900.70	900.38	903.95	907.53	900.55
06/17/98	887.21	900.03	900.06	899.36	899.51	897.82	899.33	899.81	905.65	899.73	899.85	899.82	899.95	899.58	903.17	908.29	899.65
07/15/98	911.27	910.93		899.54	899.60			900.09	906.11	899.81	899.87	899.81	899.47	899.65	903.57	908.29	899.83
08/12/98	911.27	897.83	897.84	897.46	897.58	895.96	897.23	898.03	904.45	897.79	898.18	898.16	898.38	907.86		904.84	897.65
08/19/98	898.71	897.54	897.56	897.22	897.30	895.68	896.89	897.73	904.15	897.54	897.87	897.86	898.02	897.52	901.47	904.53	897.36
09/16/98	899.01	894.87	894.51	895.10	895.21	893.46	895.25	895.63	903.21	895.48	896.45	896.32	896.54	895.88	910.37	904.47	895.07
10/21/98	898.37	894.15	893.72	894.46	894.56	892.96	894.23	895.03	902.75	894.85	895.82	895.66	895.83	895.16	899.88	906.88	894.71
11/19/98	895.11	895.58	895.63	895.16	895.32	893.64	894.25	895.67	902.21	895.52	895.95	895.87	895.88	895.40	899.18	905.96	895.35
12/16/98	911.27	895.85	895.90	895.40	895.55	893.72	894.59	895.91	902.43	895.75	895.36	896.03	896.06	905.58	909.45	905.63	895.61
12/16/98	911.27	895.85	895.90	895.40	895.55	893.72	894.59	895.91	902.43	895.75	895.36	896.03	896.06	905.58	909.45	905.63	895.61
01/20/99	900.57	898.65	898.60	898.32	898.49	896.84	897.67	899.04	904.70	898.75	899.16	899.02	899.01	898.66	902.27	908.55	898.55
02/11/99	900.42	898.83	898.87	898.44	895.20	896.88	897.73	898.99	905.41	898.79	899.14	899.04	899.15	898.66	902.67	908.33	898.65
03/17/99	902.43	898.33	898.14	898.22	898.38	896.46	897.70	898.67	906.01	898.63	899.18	899.08	899.18	898.64	904.31	908.29	898.35
04/22/99	886.69	899.37	899.45	898.86	899.07	897.10	898.23	899.41	905.81	899.29	899.64	899.52	899.54	899.08	903.93	908.65	899.13
05/03/99	911.27	910.93	900.16	899.28	899.44	897.36	898.57	899.89	906.17	899.64	899.78	899.69	899.85	899.48	903.27	907.85	899.63
05/18/99	911.27	910.93	899.34	898.52	898.69	896.49	897.83	899.16	905.51	898.87	899.02	899.02	899.16	898.71	902.57	906.23	898.85
06/15/99	911.27	910.93	897.62	896.96	897.13	894.74	896.53	897.65	904.91	897.33	897.66	897.66	897.82	897.29	901.85	903.29	897.25
07/21/99	911.27	910.93	895.30	895.13	895.26	892.70	894.85	895.74	901.97	895.52	896.14	896.11	896.28	895.70	899.41	901.39	895.26
08/04/99	895.87	894.86	894.78	894.67	894.82	892.27	894.45	895.25	902.25	895.06	895.72	895.71	895.86	895.24	898.92	900.79	894.81
08/18/99	895.84	894.53	894.75	894.70	894.84	892.40	894.48	895.41	902.11	895.09	895.70	894.96	895.08	895.26	898.87	900.47	894.84
09/15/99	896.67	892.88	892.50	893.28	893.35	891.21	893.45	893.76	901.71	893.67	894.72	894.69	894.82	894.12	898.45	899.73	893.17
10/20/99	896.67	892.88	892.50	893.28	893.35	891.21	893.45	893.76	901.71	893.67	894.72	894.69	894.82	894.12	898.45	899.73	893.17
10/21/99	896.67	891.99	891.46	892.55	892.60	890.26	892.85	892.96		892.89	894.16	894.05	894.23	893.58	897.64	899.21	892.34

Table A-1
Granville Solvents Site
Groundwater Level Data

	VOG PW4	HP14	HP15	GSSP1	GSSP2	GSSEW1	GSSEW2	STAN	GSSMW1	GSSMW2	GSSMW3	GSSMW3D	GSSMW4	GSSMW5	GSSMW6	GSSMW7	GSSMW8
12/15/99	894.73	893.42	893.14	894.45	893.91	893.90	893.72	893.95		894.02	894.79	894.82	894.88	894.32	897.77	904.82	893.63
12/15/99	894.73	893.42	893.14	894.45	893.91	893.90	893.72	893.95		894.02	894.79	894.82	894.88	894.32	897.77	904.82	893.63
01/19/00		895.95	895.90	896.47	895.88	893.39	895.36	896.21		891.77	896.76	896.48	895.88	896.02	899.20	906.77	895.89
02/21/00	898.57	897.45	897.45	898.15	897.31	895.99	896.72	897.68		897.54	898.05	898.04	897.91	897.60	900.70	907.93	897.28
03/15/00	900.09	896.50	896.23	896.47	896.59	894.46	896.17	897.11		896.86	897.52	897.52	897.51	897.03	901.21	907.29	896.55
04/18/00	902.14	897.88	897.58	897.96	898.01	896.59	897.68	898.43		898.29	899.01	899.02	899.00	898.57	902.96	908.07	897.98
05/17/00	899.62	897.93	897.93	897.56	897.69	894.96	897.23	898.12		897.89	898.34	898.34	898.40	897.98	901.83	907.42	897.71
06/22/00	899.35	897.64	897.66	897.31	897.43	894.46	897.03	897.83		897.65	898.16	898.03	898.17	897.76	901.55	906.75	897.44
07/26/00	883.11	895.99	895.93	895.77	895.91	893.01	895.83	896.27		896.11	896.88	896.68	896.77	896.32	899.87	902.66	895.85
08/25/00	882.86	896.11	896.11	895.76	895.87	892.55	895.88	896.26		896.09	896.50	896.52	896.57	896.20	899.43	902.17	895.90
09/21/00	881.47	895.07	895.79	895.14	895.28	891.76	895.50	895.66		895.51	896.01	896.02	896.10	895.76	898.69	902.43	895.32
10/25/00	898.49	894.84	894.48	895.17	895.22	891.49	895.93	895.56		895.49	896.44	896.52	896.52	896.07	900.00	907.28	895.07
12/19/00				899.01	899.18	895.28	899.32	899.74		899.53	899.71	899.68	899.43	899.44	901.95	908.57	899.15
12/19/00				899.01	899.18	895.28	899.32	899.74		899.53	899.71	899.68	899.43	899.44	901.95	908.57	899.15
01/18/01	898.83	897.07	898.05	897.44	897.53	893.45	897.99	897.91		897.69	898.32	898.22	898.28	898.29	901.23	907.24	897.54
02/18/01	901.47	897.69	897.36	897.82	897.87	893.94	898.57	898.31		898.09	898.90	898.92	898.92	898.57	902.27	908.16	897.81
03/15/01	883.87	896.36	897.11	896.54	896.66	892.84	895.63	896.91		896.89	897.54	897.56	897.56	896.97	901.13	907.75	896.61
03/17/01	897.89	893.71	893.23	894.16	894.18	890.59	893.30	894.56		894.47	895.47			897.46	901.16		893.99
04/19/01	885.07	898.69	898.80	898.10	898.27	893.95	896.82	898.63		898.45	898.62	898.62	898.56	898.18	902.07	908.08	898.35
05/23/01	885.33	899.96	900.06	899.34	899.57	895.62	897.77	899.93		899.75	899.76	899.71	899.66	899.40	902.93	908.59	899.65
06/13/01	901.09	899.43	899.53	898.89	899.05	894.94	897.30	899.46		899.21	899.34		899.37	900.02	903.06	907.98	899.16
07/18/01	897.65	897.55	897.58	897.63	897.74	896.02	897.81	897.69	897.78	897.78	897.84	897.12	901.16	907.07	897.57	898.20	897.58
08/22/01	897.89	895.08	894.88	895.22	895.34	892.11	891.01	895.68		895.58	896.33	896.37	896.43	895.82	900.25		895.22
10/17/01	882.55	895.21	895.25	894.84	895.01	890.36	893.23	895.33		895.25	895.65	895.71	895.66	895.12	898.81	906.37	895.01
11/07/01	883.25	895.39	895.42	895.04	895.21	891.18	889.73	895.55		895.41	895.76	895.82	895.78	895.27	899.00	906.83	895.23
12/12/01		896.61	896.62	896.21	896.40	891.96	894.53	896.78		896.59	896.91	896.91	896.90	896.47	899.05	907.68	896.41
01/16/02	898.92	897.18	897.15	896.84	896.91	892.41	895.16	897.39		897.21	897.51	897.56	897.58	897.12	900.91	907.38	897.14
02/13/02	899.09	897.38	897.28	897.20	897.33	893.54	895.65	897.66		897.51	897.95	897.97	897.94	897.48	901.16	907.90	897.28
02/27/02	899.09	897.38	897.28	897.20	897.33	893.54	895.65	897.66		897.51	897.95	897.97	897.94	897.48	901.16	907.90	897.28
03/13/02	900.12	895.93	895.68	896.01	896.13	891.07	894.83	896.43		896.38	897.11	897.17	897.17	896.57	901.07	907.80	896.01
04/18/02	886.12	899.99	900.10	899.36	899.54	893.88	897.60	900.00		899.69	899.65	899.68	899.63	899.40	902.97	908.45	899.67

Table A-1
Granville Solvents Site
Groundwater Level Data

	GSSMW9	GSSMW10	GSSMW11	GSSMW12	GSSMW13	GSSMW14	GSSP3	GSSP4	PH1	PH2	PH3	PH4	MW4	HP13
02/25/94													900.58	900.44
05/03/94														
05/25/94														
06/16/94														
07/17/94														
08/24/94													900.25	899.59
12/20/94													898.99	898.16
12/30/94													898.90	898.55
01/01/95													898.76	898.10
01/03/95													898.60	897.88
01/09/95													897.99	897.41
01/17/95													902.15	
01/30/95													899.04	898.84
2/10/1995													899.05	898.11
02/11/95													898.97	896.15
02/15/95													899.17	898.39
03/03/95													899.99	899.06
03/15/95													900.45	900.00
04/05/95													898.95	898.84
04/12/95													900.45	900.00
04/28/95													899.39	898.59
05/31/95													900.33	899.83
06/06/95													900.04	899.53
07/22/95													898.25	897.53
09/04/95													899.03	
09/24/95													900.25	896.26
09/29/95													898.34	896.26
10/26/95													897.13	895.86
11/17/95													897.66	896.19
01/18/96	896.28	896.15	898.16	897.42	898.25	897.00	896.16							
01/31/96	898.38	898.36	899.75	898.96	901.73	898.79			904.92	903.07	900.75	902.14		
03/15/96		899.71	899.75	899.63	899.66	899.93	899.83	900.09	905.20	901.74		900.64		
04/25/96	898.75	898.82	899.52	899.36	899.45	899.08	898.88	898.49	905.00	902.58		902.70		
05/13/96														
05/15/96	901.88	902.03	901.82	901.66	901.70	902.28	902.22			903.92		903.31		
06/17/96	899.98	900.11	900.17	899.97	900.04	900.30	900.28	900.61	905.20	901.52	901.41	900.86		
07/17/96	896.88	896.89	897.92	897.55	897.70	896.92	896.97	896.21	902.40	900.69	900.59	900.00		
08/09/96	896.23	899.73	897.17	896.91	897.02	896.36	896.40	895.69						
08/09/96	896.23	899.73	897.17	896.91	897.02	896.36	896.40	895.69						
09/18/96	895.29	895.33	896.00	895.79	895.92	895.38	895.48	895.37	898.97	899.04	896.90	896.14		

Table A-1
Granville Solvents Site
Groundwater Level Data

	GSSMW9	GSSMW10	GSSMW11	GSSMW12	GSSMW13	GSSMW14	GSSP3	GSSP4	PH1	PH2	PH3	PH4	MW4	HP13
10/11/96	895.20	895.21	895.99	895.79	895.90	895.22	895.28	894.39	898.87	898.36	898.26	897.64		
12/17/96	897.34	897.41	897.81	897.65	897.82	897.55	897.67		900.90	894.82	889.26	896.10		
01/17/97	896.66	896.67	897.47	897.29	897.37	896.84	896.84	896.51			900.51			
01/17/97	896.66	896.67	897.47	897.29	897.37	896.84	896.84	896.51			900.51			
02/19/97	897.28	897.29	898.13	897.95	898.06	897.42	897.38	896.57	903.50	901.60	902.50	900.87		
03/20/97	899.31	899.43	899.51	899.46	899.52	899.66	899.63	899.80	904.62	901.78	901.59	900.98		
04/23/97	898.18	898.27	898.57	898.43	898.52	898.42	898.45	898.55	902.84	900.45	900.44	900.21		
05/22/97	898.37	898.48	898.53	898.41	898.52	898.60	898.66	898.94	902.28	895.28	909.66	896.51		
06/20/97	901.46	901.57	900.96	901.04	901.06	901.78					902.78			
07/21/97	898.45	898.53	898.75	898.61	898.67	898.70	898.73	898.89	903.00	899.74	899.66	899.04		
08/22/97	900.50	900.63	900.48	900.44	900.46	900.97	900.88							
09/22/97	897.36	897.41	898.13	897.93	898.06	897.56	898.48	896.81	902.94	900.94	900.81	900.32		
01/21/98	897.21	897.89	898.47	898.37	898.50	897.95	897.88	897.07	903.24	901.52	901.45	900.94		
02/18/98	897.48	897.45	898.30	898.21	898.39	897.51	897.54	897.23	903.40	902.26	902.09			
03/18/98	898.38	898.43	898.72	898.65	898.76		898.66							
04/15/98	900.04	898.07	899.31	899.19	899.33									
05/06/98	900.83	900.94	900.98	900.91	900.99									
05/20/98	900.52	900.61	900.48	900.41	900.46	900.84	900.86	901.32	905.50	897.26	891.59	898.66		
06/17/98	899.62	899.73	899.71	899.61	899.70	899.87	899.96	900.27	903.62	896.52	890.87			
07/15/98	899.80	899.91	899.79	899.51	899.69		899.98							
08/12/98	897.66	897.73	898.03	897.89	897.94	897.89	897.92							
08/19/98	897.39	897.43	897.71	896.96	897.66	897.61	897.64		901.31	898.84	898.69	898.06		
09/16/98	895.08	894.05	896.11	895.85	896.02	895.18	895.16	894.24			898.73	898.03		
10/21/98	894.44	894.39	895.39	894.89	895.28	894.50	894.46	893.39	899.66	898.51	898.39	897.70		
11/19/98	895.38	895.46	895.57	895.43	895.50	895.51	895.68	895.78	898.82	893.18	886.70	894.93		
12/16/98	895.62	895.67	895.75	895.59	895.71	895.84	895.91	896.09	898.91	894.27	888.35	894.52		
12/16/98	895.62	895.67	895.75	895.59	895.71	895.84	895.91	896.09	898.91	894.27	888.35	894.52		
01/20/99		898.59	898.71	898.67	898.76	898.74	898.85	898.93	902.62	900.36	900.29	900.14		
02/11/99	898.65	898.73	898.83	898.71	898.82	898.94	898.92	899.03	903.66	900.58	900.45	899.86		
03/17/99	898.38	898.42	898.85	898.65	899.78	898.68	898.74	897.95	904.80	902.54	902.43	901.85		
04/22/99	899.15	899.21	899.21	899.17	899.24	899.38	899.46	899.65	904.28	896.66	890.95	898.02		
05/03/99	899.64	899.74		899.47	899.55	899.96	899.97	900.71	904.66	897.11	891.38	898.20		
05/18/99	898.87	898.96		898.79	898.82	899.14	899.25	899.59	903.48	895.91	890.20	897.08		
06/15/99	897.25	897.33		897.31	897.48	897.44	897.56	897.80	901.12	893.94	888.23	895.03		
07/21/99	895.28	895.29		895.68	895.83	895.42	895.50	895.41	898.97	896.53	896.31	895.69		
08/04/99	894.83	894.81		895.31	895.40		894.98	894.86	898.44	896.06	895.88	895.18		
08/18/99	894.85	894.83	895.44	895.25	895.20	894.35	894.28	894.83	898.09	895.55	895.85	895.13		
09/15/99	893.18	893.09	894.37	894.11	894.32	893.20	893.20	892.09	897.86	896.81	896.69	895.92		
10/20/99	893.18	893.09	894.37	894.11	894.32	893.20	893.20	892.09	897.86	896.81	896.69	895.92		
10/21/99	892.37	892.25	893.85	893.51	893.72	892.39	892.35	891.11	897.68	896.62	896.52	895.73		

Table A-1
Granville Solvents Site
Groundwater Level Data

	GSSMW9	GSSMW10	GSSMW11	GSSMW12	GSSMW13	GSSMW14	GSSP3	GSSP4	PH1	PH2	PH3	PH4	MW4	HP13
12/15/99	893.67	893.56		894.33	894.50	893.49	893.66	893.12	896.82	894.93	894.80	894.08		
12/15/99	893.67	893.56		894.33	894.50	893.49	893.66	893.12	896.82	894.93	894.80	894.08		
01/19/00	895.90	895.93		896.16	896.30	895.85	896.07	896.00	898.52	892.07		893.46		
02/21/00	897.28	897.34		897.61	897.68	897.49	897.56	897.58	900.53	898.52		898.92		
03/15/00	896.56	896.51		896.99	897.12	896.80	896.72	895.99	901.29	900.20		899.46		
04/18/00	898.00	897.97	898.75	898.56	898.68	898.19	898.12	897.33	904.25	902.22		901.62		
05/17/00	897.74	898.17	898.12	897.97	898.09	898.00	898.00	898.07	902.26	899.78		898.91		
06/22/00	897.46	897.51	897.87	897.73	897.88	897.70	897.70	897.74	901.67	898.52		898.61		
07/26/00	895.88	895.91	896.55	896.27	896.50	895.98	896.08	896.05	899.50	893.09		893.98		
08/25/00	895.93	895.97	896.34	896.20	896.36	896.02	896.17	896.26	898.92	892.77		893.74		
09/21/00	895.33	895.34	895.87	895.74	895.88	895.34	895.54	895.58	898.27	891.50		892.77		
10/25/00		895.02	896.24	894.85	896.27	895.18	895.13	894.19	899.84	898.62		897.87		
12/19/00	899.78	899.14	899.33	899.40	899.50									
12/19/00	899.78	899.14	899.33	899.40	899.50									
01/18/01	898.18	897.57	898.09	898.00	898.15	897.75		897.73	901.50	898.98		898.22		
02/18/01	898.44	897.81	898.69	898.59	898.75	898.07	897.88	897.09	902.69	901.57	900.29	900.85		
03/15/01	897.23	896.65	897.19		897.10	896.82	896.88	896.91	902.12	894.32	887.87	895.59		
03/17/01	894.63	893.94		894.83	893.47	894.09	894.03	892.91			896.71			
04/19/01	899.02	897.46		898.17	898.25	898.70	898.71	899.00	902.37	895.88	889.48	897.12		
05/23/01	900.28	899.75	899.42	899.36	899.42	899.90	900.02	900.27	903.74	896.43	890.05	897.93		
06/13/01	899.78	899.25	899.17	898.97	899.04	899.50	898.45	899.70	904.45	900.90	899.61	900.24		
07/18/01		896.64	897.53	897.64	897.78	897.60	901.15	898.62	897.31	897.78				
08/22/01	895.87	895.27	896.04	895.76		895.40	895.33	894.34			909.23			
10/17/01	895.65	895.07	895.29	895.11	897.96	895.20	895.42	895.42	898.32	893.05	886.55	893.59		
11/07/01	895.84	895.27	895.43	895.27	898.15	895.48	895.50	895.61	898.38	893.96	887.37	894.14		
12/12/01	897.07	896.47	896.60	896.47	899.34	896.68	896.70	896.78						
01/16/02	897.67	897.07	897.35	897.14	900.01	897.25	897.28	897.29	901.16	899.03	897.76	898.57		
02/13/02	897.93	897.30	897.64	897.48	900.38	897.47	897.50	897.38	901.07	899.26	897.91	898.39		
02/27/02	897.93	897.30	897.64	897.48	900.38	897.47	897.50	897.38	901.07	899.26	897.91	898.39		
03/13/02	896.66	896.02	896.77	896.59	899.52	896.27	896.18	895.48	901.55	900.26	898.93	899.39		
04/18/02	900.30	899.77	899.42	899.38	902.22	899.98	900.01	900.33	903.99	896.90	890.43	898.17		

Appendix B – Potentiometric Surface Maps 2001 – 2002

LEGEND

- MONITOR WELLS
- AIR MONITORING STATIONS
- EXTRACTION WELLS
- VILLAGE PRODUCTION WELLS
- OBSERVATION WELL
- * ELEV. NOT USED IN CONTOURING
- GROUNDWATER DIVIDE

nonresponsive

SCALE IN FEET

0 100' 200'

Metcalf & Eddy

GRANVILLE SOLVENTS SITE

POTENTIOMETRIC SURFACE

AUGUST 22, 2001

GRANVILLE, OHIO

FILE NAME	CHECKED	DRAWN	DATE	PROJECT NO.	FIGURE
POTAUG01	JP	JAW	–	016688	3–1

LEGEND

- MONITOR WELLS
- AIR MONITORING STATIONS
- EXTRACTION WELLS
- VILLAGE PRODUCTION WELLS
- OBSERVATION WELL
- * ELEV.. NOT USED IN CONTOURING
- GROUNDWATER DIVIDE

nonresponsive

SCALE IN FEET
0 100' 200'

Metcalf & Eddy

GRANVILLE SOLVENTS SITE
POTENTIOMETRIC SURFACE
NOVEMBER 17, 2001
GRANVILLE, OHIO

FILE NAME	CHECKED	DRAWN	DATE	PROJECT NO.	FIGURE
POTNOV01	JP	JAW	–	016688	3–2

LEGEND

- MONITOR WELLS
- AIR MONITORING STATIONS
- EXTRACTION WELLS
- VILLAGE PRODUCTION WELLS
- OBSERVATION WELL
- * ELEV. NOT USED IN CONTOURING
- GROUNDWATER DIVIDE

nonresponsive

SCALE IN FEET

0 100' 200'

Metcalf & Eddy

GRANVILLE SOLVENTS SITE

POTENTIOMETRIC SURFACE

DECEMBER 12, 2001

GRANVILLE, OHIO

FILE NAME	CHECKED	DRAWN	DATE	PROJECT NO.	FIGURE
POTDEC01	JP	JAW	–	016688	3-3

LEGEND

- MONITOR WELLS
- AIR MONITORING STATIONS
- EXTRACTION WELLS
- VILLAGE PRODUCTION WELLS
- OBSERVATION WELL
- * ELEV. NOT USED IN CONTOURING
- —·—·— GROUNDWATER DIVIDE

nonresponsive

SCALE IN FEET
0 100' 200'

Metcalf & Eddy

GRANVILLE SOLVENTS SITE

POTENTIOMETRIC SURFACE
JANUARY 16, 2002

GRANVILLE, OHIO

FILE NAME	CHECKED	DRAWN	DATE	PROJECT NO.	FIGURE
POTJAN02	JP	JAW	–	016688	3–4

LEGEND

- MONITOR WELLS
- AIR MONITORING STATIONS
- EXTRACTION WELLS
- VILLAGE PRODUCTION WELLS
- OBSERVATION WELL
- * ELEV. NOT USED IN CONTOURING
- GROUNDWATER DIVIDE

nonresponsive

SCALE IN FEET
0 100' 200'

Metcalf & Eddy

GRANVILLE SOLVENTS SITE

POTENTIOMETRIC SURFACE
FEBRUARY 13, 2002

GRANVILLE, OHIO

FILE NAME	CHECKED	DRAWN	DATE	PROJECT NO.	FIGURE
POTFEB02	JP	JAW	–	016688	3–5

Appendix C - Groundwater Quality Data 1991 – 1996

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS MONITORING WELL MW-1

Method Sample Number Date Collected Units Parameters	MW-1 1/30/91 ug/l	MW-1A (a) 1/30/91 ug/l	MW-1 3/26/91 ug/l	MW-1 10/8/91 ug/l	MW-1 1/22/92 ug/l	MW-1 6/19/92 ug/l	CLP Low MW-1 5/13/94 ug/l	EPA 524.2 MW-1 5/13/96 ug/l
1,1,1-trichloroethane	630	1160	1020	ND	990	850	770	450 J
1,1,2,2-tetrachloroethane							25 U	5 U
1,1,2-trichloroethane	ND	ND	ND	ND	ND	ND	25 U	5 U
1,1-dichloroethene	106	109	83	>71	ND	15	25 U	5 U
1,1-dichloroethane	32	35	28	>74	160	10	25 U	5 U
1,2,3-trichlorobenzene	ND	ND	ND	ND	NA	NA	NA	NA
1,2,4-trichlorobenzene	ND	ND	7	ND	NA	NA	NA	NA
1,2-dichlorobenzene	ND	ND	ND	ND	NA	NA	NA	NA
1,2-dichloroethane							25 U	5 U
1,2-dichloroethene(total)	NA	NA	NA	NA	NA	NA	NA	NA
1,2-dichloropropane							25 U	5 U
1,4-dichlorobenzene	ND	ND	ND	ND	NA	NA	NA	NA
2-butanone							250 U	50 U
2-hexanone							250 U	50 U
4-methyl-2-pentanone							250 U	50 U
acetone	NA	NA	NA	NA	ND	ND	250 U	50 U
benzene	ND	ND	ND	ND	ND	ND	25 U	5 U
bromodichloromethane	ND	ND	ND	ND	ND	ND	25 U	5 U
bromoform	ND	ND	ND	ND	ND	ND	25 U	5 U
bromomethane							25 U	5 U
carbon disulfide							25 U	5 U
carbon tetrachloride	ND	ND	ND	ND	ND	ND	25 U	5 U
chlorobenzene							25 U	5 U
chloroethane	ND	ND	ND	ND	ND	ND	25 U	5 U
chloroethene	NA	NA	NA	ND	NA	ND	NA	NA
chloroform	ND	ND	ND	ND	ND	ND	25 U	5 U
chloromethane							25 U	5 U
cis-1,2-dichloroethene	ND	ND	ND	0.7	NA	ND	25 U	5 U
cis-1,3-dichloropropene	NA	NA	NA	NA	NA	ND	25 U	5 U
dibromochloromethane	ND	ND	ND	ND	ND	NA	25 U	5 U
ethylbenzene							25 U	5 U
methylene chloride	ND	ND	ND	ND	ND	ND	25 U	5 U
m- & p-xylene							50 U	NA
o-xylene							25 U	NA
styrene							25 U	5 U
tetrachloroethene	95	95	110	38.2	70	60	92	74
toluene	ND	ND	ND	ND	ND	ND	25 U	5 U
total xylenes	ND	ND	ND	ND	ND	ND	NA	5 U
trans-1,2-dichloroethene	ND	ND	ND	ND	ND	ND	25 U	5 U
trans-1,3-dichloropropene							25 U	5 U
trichloroethene	359	369	349	>102	260	160	290	230
trichlorofluoromethane	ND	ND	ND	ND	NA	ND	NA	NA
vinyl chloride	ND	ND	ND	ND	ND	ND	25 U	5 U

NOTE:

ug/l - Micrograms per liter

(a) - Duplicate of MW-1 on 1/30/91

J - The mass spectrum indicates the presence of the compound, but calculated result is less than the method specified reporting limit.

U - This indicates the parameter was not detected.

NA - Not Analyzed

ND - Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN
GRANVILLE SOLVENTS MONITORING WELL MW-2

Method			CLP LOW	EPA 524.2
Sample Number:	MW-2	MW-2	MW-2	MW-2
Date Collected	1/30/91	3/26/91	5/12/94	5/8/96
Units	ug/l	ug/l	ug/l	ug/l
Parameters				
1,1,1-trichloroethane	600	1060	910	NS
1,1,2,2-tetrachloroethane			25 U	NS
1,1,2-trichloroethane	ND	ND	25 U	NS
1,1-dichloroethene	52	74	25 U	NS
1,1-dichloroethane	40	59	25 U	NS
1,2,3-trichlorobenzene	ND	ND		
1,2,4-trichlorobenzene	ND	ND		
1,2-dichlorobenzene	ND	ND		
1,2-dichloroethane			25 U	NS
1,2-dichloroethene(total)	NA	NA		
1,2-dichloropropane			25 U	NS
1,4-dichlorobenzene	ND	ND		
2-butanone			250 U	NS
2-hexanone			250 U	NS
4-methyl-2-pentanone			250 U	NS
acetone	NA	NA	250 U	NS
benzene	ND	ND	25 U	NS
bromodichloromethane	ND	ND	25 U	NS
bromoform	ND	ND	25 U	NS
bromomethane			25 U	NS
carbon disulfide			25 U	NS
carbon tetrachloride	ND	ND	25 U	NS
chlorobenzene			25 U	NS
chloroethane	ND	ND	25 U	NS
chloroethene	NA	NA		
chloroform	ND	6	25 U	NS
chloromethane			25 U	NS
cis-1,2-dichloroethene	412	857	770	NS
cis-1,3-dichloropropene	NA	NA	25 U	NS
dibromochloromethane	ND	ND	25 U	NS
ethylbenzene			25 U	NS
methylene chloride	ND	ND	25 U	NS
m- & p-xylene			50 U	
o-xylene			25 U	
styrene			25 U	NS
tetrachloroethene	85	172	310	NS
toluene	ND	ND	25 U	NS
total xylenes	ND	ND		NS
trans-1,2-dichloroethene	13	23	25 U	NS
trans-1,3-dichloropropene			25 U	NS
trichloroethene	54	950	1200	NS
trichlorofluoromethane	ND	5		
vinyl chloride	ND	ND	25 U	NS

NOTE:
ug/l - Micrograms per liter
U - This indicates the parameter was not detected
NA - Not Analyzed
NS - Not Sampled
ND - Not Detected

CHEMICAL CONCENTRATIONS IN GRANVILLE SOLVENTS MONITORING WELL MW-2D

Method		CLP LOW	EPA 524.2
Sample Number:	MW-2D	MW-2D	MW-2D
Date Collected	6/19/92	5/13/94	5/8/96
Units	ug/l	ug/l	ug/l
Parameters			
1,1,1-trichloroethane	1300	800	350
1,1,2,2-tetrachloroethane		25 U	17 U
1,1,2-trichloroethane	ND	25 U	17 U
1,1-dichloroethene	28	25 U	17 U
1,1-dichloroethane	54	25 U	17 U
1,2,3-trichlorobenzene	NA		
1,2,4-trichlorobenzene	NA		
1,2-dichlorobenzene	NA		
1,2-dichloroethane		25 U	17 U
1,2-dichloroethene(total)	NA		
1,2-dichloropropane		25 U	17 U
1,4-dichlorobenzene	NA		
2-butanone		250 U	170 U
2-hexanone		250 U	170 U
4-methyl-2-pentanone		250 U	170 U
acetone	ND	890	170 U
benzene	ND	25 U	17 U
bromodichloromethane	ND	25 U	17 U
bromoform	ND	25 U	17 U
bromomethane		25 U	17 U
carbon disulfide		25 U	17 U
carbon tetrachloride	ND	25 U	17 U
chlorobenzene		25 U	17 U
chloroethane	ND	25 U	17 U
chloroethene	ND		
chloroform	ND	25 U	17 U
chloromethane		25 U	17 U
cis-1,2-dichloroethene	820	660	250
cis-1,3-dichloropropene	ND	25 U	17 U
dibromochloromethane	NA	25 U	17 U
ethylbenzene		25 U	17 U
methylene chloride	ND	25 U	17 U
m- & p-xylene		50 U	
o-xylene		25 U	
styrene		25 U	17 U
tetrachloroethene	680	280	430
toluene	ND	25 U	17 U
total xylenes	ND		17 U
trans-1,2-dichloroethene	ND	25 U	17 U
trans-1,3-dichloropropene		25 U	17 U
trichloroethene	1600	1000	590
trichlorofluoromethane	ND		
vinyl chloride	ND	25 U	17 U

NOTE:
ug/l - Micrograms per liter
U - This indicates the parameter was not detected
NA - Not Analyzed
NS - Not Sampled
ND - Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS MONITORING WELL MW-3

Method Sample Number: Date Collected Units Parameters	MW-3 1/30/91 ug/l	MW-3 3/26/91 ug/l	MW-3 10/8/91 ug/l	MW-3 1/22/92 ug/l	MW-3 6/19/92 ug/l	CLP LOW MW-3 5/12/94 ug/l	EPA 524.2 MW-3 5/8/96 ug/l
1,1,1-trichloroethane	1.8	ND	3.3	2 J	ND	0.5 U	NS
1,1,2,2-tetrachloroethane						0.5 U	NS
1,1,2-trichloroethane	ND	ND	ND	ND	ND	0.5 U	NS
1,1-dichloroethene	ND	ND	1.1	ND	ND	0.5 U	NS
1,1-dichloroethane	4.7	ND	6.5	4 J	ND	1.0	NS
1,2,3-trichlorobenzene	ND	ND	ND	NA	NA		
1,2,4-trichlorobenzene	ND	ND	ND	NA	NA		
1,2-dichlorobenzene	ND	ND	ND	NA	NA		
1,2-dichloroethane						0.5 U	NS
1,2-dichloroethene(total)	NA	NA	NA	NA	NA		
1,2-dichloropropane						0.5 U	NS
1,4-dichlorobenzene	ND	ND	ND	NA	NA		
2-butanone						5 U	NS
2-hexanone						5 U	NS
4-methyl-2-pentanone						5 U	NS
acetone	NA	NA	NA	ND	ND	5 U	NS
benzene	ND	ND	ND	ND	ND	0.5 U	NS
bromodichloromethane	ND	ND	ND	ND	ND	0.5 U	NS
bromoform	ND	ND	ND	ND	ND	0.5 U	NS
bromomethane						0.5 U	NS
carbon disulfide						0.5 U	NS
carbon tetrachloride	ND	ND	ND	ND	ND	0.5 U	NS
chlorobenzene						0.5 U	NS
chloroethane	ND	ND	ND	ND	ND	0.5 U	NS
chloroethene	NA	NA	ND	NA	ND		
chloroform	ND	ND	ND	ND	ND	0.5 U	NS
chloromethane						0.5 U	NS
cis-1,2-dichloroethene	5.9	ND	3.9	NA	ND	1.0	NS
cis-1,3-dichloropropene	NA	NA	NA	NA	ND	0.5 U	NS
dibromochloromethane	ND	ND	ND	ND	NA	0.5 U	NS
ethylbenzene						0.5 U	NS
methylene chloride	ND	ND	ND	ND	ND	0.5 U	NS
m- & p-xylene						1.0	
o-xylene						0.5 U	
styrene						0.5 U	NS
tetrachloroethene	0.8	ND	1.1	ND	ND	0.5 U	NS
toluene	ND	ND	ND	ND	ND	0.5 U	NS
total xylenes	ND	ND	ND	ND	ND		NS
trans-1,2-dichloroethene	ND	ND	ND	ND	ND	0.5 U	NS
trans-1,3-dichloropropene						0.5 U	NS
trichloroethene	19.9	20	27.6	12	ND	5	NS
trichlorofluoromethane	ND	ND	ND	NA	ND		
vinyl chloride	1.2	ND	ND	ND	ND	0.5 U	NS

NOTE:

ug/l - Micrograms per liter

J - The mass spectrum indicates the presence of the compound but the calculated result is less than the method specified reporting limit.

U - This indicates the parameter was not detected

NA - Not Analyzed

ND - Not Detected

NS - Not Sampled

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS MONITORING WELL MW-4

Method Sample Number Date Collected Units Parameters	MW-4 1/30/91 ug/l	MW-4 3/26/91 ug/l	MW-4 10/8/91 ug/l	MW-4A(a) 10/8/91 ug/l	MW-4 1/22/92 ug/l	MW-4 6/19/92 ug/l	CLP LOW MW-4 5/13/94 ug/l
1,1,1-trichloroethane	850	942	ND	1650	2200	1600	680
1,1,2,2-tetrachloroethane							50 U
1,1,2-trichloroethane	ND	ND	ND	0.5	ND	ND	50 U
1,1-dichloroethene	75	54	> 88	16.7	ND	60	50 U
1,1-dichloroethane	10	ND	ND	61	200	160	50 U
1,2,3-trichlorobenzene	ND	ND	ND	ND	NA	NA	
1,2,4-trichlorobenzene	ND	ND	ND	ND	NA	NA	
1,2-dichlorobenzene	ND	ND	ND	ND	NA	NA	
1,2-dichloroethane							50 U
1,2-dichloroethene(total)	NA	NA	NA	NA	NA	NA	
1,2-dichloropropane							50 U
1,4-dichlorobenzene	ND	ND	ND	ND	NA	NA	
2-butanone							500 U
2-hexanone							500 U
4-methyl-2-pentanone							500 U
acetone	NA	NA	NA	NA	ND	ND	12000
benzene	ND	ND	ND	1.2	ND	ND	50 U
bromodichloromethane	ND	ND	ND	ND	ND	ND	50 U
bromoform	ND	ND	ND	ND	ND	ND	50 U
bromomethane							50 U
carbon disulfide							50 U
carbon tetrachloride	ND	ND	ND	1.2	ND	ND	50 U
chlorobenzene							50 U
chloroethane	ND	ND	ND	1.1	ND	ND	50 U
chloroethene	NA	NA	ND	ND	NA	ND	
chloroform	ND	ND	ND	3.5	ND	ND	50 U
chloromethane							50 U
cis-1,2-dichloroethene	90	49	38.2	76	NA	30	50 U
cis-1,3-dichloropropene	NA	NA	NA	NA	NA	ND	50 U
dibromochloromethane	ND	ND	ND	ND	ND	NA	50 U
ethylbenzene							50 U
methylene chloride	ND	ND	ND	ND	ND	ND	50 U
m- & p-xylene							100 U
o-xylene							50 U
styrene							50 U
tetrachloroethene	360	322	> 188	268	180	260	330
toluene	ND	ND	ND	ND	ND	ND	50 U
total xylenes	ND	ND	ND	ND	ND	ND	
trans-1,2-dichloroethene	ND	ND	1.5	1.7	ND	ND	50 U
trans-1,3-dichloropropene							50 U
trichloroethene	3040	2640	> 248	3140	3100	2800	2100
trichlorofluoromethane	ND	ND	ND	6.1	NA	ND	
vinyl chloride	ND	ND	ND	ND	ND	ND	50 U

NOTE:

ug/l - Micrograms per liter

(a) - This is a duplicate of MW-4 on 10/8/91

J - The mass spectrum indicates the presence of the compound but the calculated result is less than the method specified reporting limit.

U - This indicates the parameter was not detected

NA - Not Analyzed

ND - Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS MONITORING WELL MW-4D

Method				CLP LOW	EPA 524.2	EPA 524.2
Sample Number	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D(b)
Date Collected	10/8/91	1/22/92	6/19/92	5/13/94	5/8/96	5/8/96
Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Parameters						
1,1,1-trichloroethane	910	740	560	360	110	130
1,1,2,2-tetrachloroethane				14 U	8 U	7 U
1,1,2-trichloroethane	0.5	ND	ND	14 U	8 U	7 U
1,1-dichloroethene	9.6	ND	17	14 U	8 U	7 U
1,1-dichloroethane	88	120	200	71	27	28
1,2,3-trichlorobenzene	ND	NA	NA			
1,2,4-trichlorobenzene	ND	NA	NA			
1,2-dichlorobenzene	ND	NA	NA			
1,2-dichloroethane				14 U	8 U	7 U
1,2-dichloroethene(total)	NA	NA	NA			
1,2-dichloropropane				14 U	8 U	7 U
1,4-dichlorobenzene	ND	NA	NA			
2-butanone				140 U	84 U	74 U
2-hexanone				140 U	84 U	74 U
4-methyl-2-pentanone				140 U	84 U	74 U
acetone	NA	ND	ND	690	84 U	74 U
benzene	0.7	ND	ND	14 U	8 U	7 U
bromodichloromethane	ND	ND	ND	14 U	8 U	7 U
bromoform	ND	ND	ND	14 U	8 U	7 U
bromomethane				14 U	8 U	7 U
carbon disulfide				14 U	8 U	7 U
carbon tetrachloride	ND	ND	ND	14 U	8 U	7 U
chlorobenzene				14 U	8 U	7 U
chloroethane	1.8	ND	ND	14 U	8 U	7 U
chloroethene	1.0	NA	ND			
chloroform	1.5	ND	ND	14 U	8 U	7 U
chloromethane				14 U	8 U	7 U
cis-1,2-dichloroethene	1070	NA	80	660	150	140
cis-1,3-dichloropropene	NA	NA	ND	14 U	8 U	7 U
dibromochloromethane	ND	ND	NA	14 U	8 U	7 U
ethylbenzene				14 U	8 U	7 U
methylene chloride	ND	ND	ND	14 U	8 U	7 U
m- & p-xylene				28 U		
o-xylene				14 U		
styrene				14 U	8 U	7 U
tetrachloroethene	840	960	300	730	110	110
toluene	ND	ND	ND	14 U	8 U	17
total xylenes	ND	ND	ND		8 U	7 U
trans-1,2-dichloroethene	20	15 J	ND	19	8 U	7 U
trans-1,3-dichloropropene				14 U	8 U	7 U
trichloroethene	1180	690	470	650	280	320
trichlorofluoromethane	2.9	NA	ND			
vinyl chloride	5.4	ND	ND	14 U	11	11

NOTE:

ug/l - Micrograms per liter

(a) - This is a duplicate of MW-4 on 10/8/91

(b) - This is a duplicate of MW-4D on 5/8/96

J - The mass spectrum indicates the presence of the compound but the calculated result is less than the method specified reporting limit.

U - This indicates the parameter was not detected

NA - Not Analyzed

ND - Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS MONITORING WELL MW-4D2

Method		CLP LOW	EPA 524.2
Sample Number	MW-4D2	MW-4D2	MW-4D2
Date Collected	6/19/92	5/13/94	5/8/96
Units	ug/l	ug/l	ug/l
Parameters			
1,1,1-trichloroethane	140	40	0.5 U
1,1,2,2-tetrachloroethane		2.1 U	0.5 U
1,1,2-trichloroethane	ND	2.1 U	0.5 U
1,1-dichloroethene	ND	2.1 U	0.5 U
1,1-dichloroethane	ND	4	0.5 U
1,2,3-trichlorobenzene	NA		
1,2,4-trichlorobenzene	NA		
1,2-dichlorobenzene	NA		
1,2-dichloroethane		2.1 U	0.5 U
1,2-dichloroethene(total)	NA		
1,2-dichloropropane		2.1 U	0.5 U
1,4-dichlorobenzene	NA		
2-butanone		4.2 U	5 U
2-hexanone		21 U	5 U
4-methyl-2-pentanone		21 U	5 U
acetone	ND	740 J	5 U
benzene	ND	2.1 U	0.5 U
bromodichloromethane	ND	2.1 U	0.5 U
bromoform	ND	2.1 U	0.5 U
bromomethane		2.1 U	0.5 U
carbon disulfide		2.1 U	0.5 U
carbon tetrachloride	ND	2.1 U	0.5 U
chlorobenzene		2.1 U	0.5 U
chloroethane	ND	2.1 U	0.5 U
chloroethene	ND		
chloroform	ND	2.1 U	5
chloromethane		2.1 U	0.5 U
cis-1,2-dichloroethene	110	120	0.5 U
cis-1,3-dichloropropene	ND	2.1 U	0.5 U
dibromochloromethane	NA	2.1 U	0.5 U
ethylbenzene		2.1 U	0.5 U
methylene chloride	ND	2.1 U	0.5 U
m- & p-xylene		4.2 U	
o-xylene		2.1 U	
styrene		2.1 U	0.5 U
tetrachloroethene	177	120	0.5 U
toluene	ND	2.1 U	0.5 U
total xylenes	ND		0.5 U
trans-1,2-dichloroethene	ND	2.1 U	0.5 U
trans-1,3-dichloropropene		2.1 U	0.5 U
trichloroethene	136	52	0.5 U
trichlorofluoromethane	ND		
vinyl chloride	ND	2.1 U	0.5 U

NOTE:

ug/l - Micrograms per liter

(a) - This is a duplicate of MW-4 on 10/8/91

J - The mass spectrum indicates the presence of the compound but the calculated result is less than the method specified rep

U - This indicates the parameter was not detected

NA - Not Analyzed

ND - Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS MONITORING WELL MW-5

Method Sample Number: ate Collected its rameters	MW-5 10/8/91 ug/l	MW-5 1/22/92 ug/l	MW-5 6/19/92 ug/l	CLP LOW MW-5 5/13/94 ug/l	EPA 524.2 MW-5 5/13/96 ug/l	EPA 524.2 MW-5(a) 5/13/96 ug/l
1,1,1-trichloroethane	ND	ND	ND	2.0	0.7	0.8
1,1,2,2-tetrachloroethane				0.5 U	0.5 U	0.5 U
1,1,2-trichloroethane	ND	ND	ND	0.5 U	0.5 U	0.5 U
1,1-dichloroethene	ND	ND	ND	0.5 U	0.5 U	0.5 U
1,1-dichloroethane	ND	ND	ND	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	ND	NA	NA			
1,2,4-trichlorobenzene	ND	NA	NA			
1,2-dichlorobenzene	ND	NA	NA			
1,2-dichloroethane				0.5 U	0.5 U	0.5 U
1,2-dichloroethene(total)	NA	NA	NA			
1,2-dichloropropane				0.5 U	0.5 U	0.5 U
1,4-dichlorobenzene	ND	NA	NA			
2-butanone				5 U	5 U	5 U
2-hexanone				5 U	5 U	5 U
4-methyl-2-pentanone				5 U	5 U	5 U
acetone	NA	ND	ND	380 J	5 U	5 U
benzene	ND	ND	ND	0.5 U	0.5 U	0.5 U
bromodichloromethane	ND	ND	ND	0.5 U	0.5 U	0.5 U
bromoform	ND	ND	ND	0.5 U	0.5 U	0.5 U
bromomethane				0.5 U	0.5 U	0.5 U
carbon disulfide				0.5 U	0.5 U	0.5 U
carbon tetrachloride	ND	ND	ND	0.5 U	0.5 U	0.5 U
chlorobenzene				0.5 U	0.5 U	0.5 U
loroethane	ND	ND	ND	0.5 U	0.5 U	0.5 U
roethene	ND	NA	ND			
chloroform	ND	ND	ND	0.5 U	0.5 U	0.5 U
chloromethane				0.5 U	0.5 U	0.5 U
cis-1,2-dichloroethene	ND	NA	ND	0.5 U	0.5 U	0.5 U
cis-1,3-dichloropropene	NA	NA	ND	0.5 U	0.5 U	0.5 U
dibromochloromethane	ND	ND	NA	0.5 U	0.5 U	0.5 U
ethylbenzene				0.5 U	0.5 U	0.5 U
methylene chloride	ND	ND	ND	0.5 U	0.5 U	0.5 U
m- & p-xylene				1 U		
o-xylene				0.5 U		
styrene				0.5 U	0.5 U	0.5 U
tetrachloroethene	ND	2 J	ND	2.0	0.5 U	0.5 U
toluene	ND	ND	ND	0.4 J	0.5 U	0.5 U
total xylenes	ND	ND	ND		0.5 U	0.5 U
trans-1,2-dichloroethene	ND	ND	ND	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene				0.5 U	0.5 U	0.5 U
trichloroethene	ND	ND	ND	2.0	0.5 U	0.5 U
trichlorofluoromethane	ND	NA	ND			
vinyl chloride	ND	ND	ND	0.5 U	0.5 U	0.5 U

NOTE:

ug/l - Micrograms per liter

(a) - This is a duplicate of MW-5 on 5/13/96

J - The mass spectrum indicates the presence of the compound but the calculated result is less than the specified reporting limit.

U - This indicates the parameter is not detected

: - Not Analyzed

- Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS MONITORING WELL MW-6

Method:					CLP LOW	EPA 524.2
Sample Number:	MW-6	MW-6	MW-6(a)	MW-6	MW-6	MW-6
Date Collected	10/8/91	1/22/92	1/22/92	6/19/92	5/13/94	5/8/96
Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Parameters						
1,1,1-trichloroethane	ND	2300	2600	1900	1500	380
1,1,2,2-tetrachloroethane					36 U	10 U
1,1,2-trichloroethane	ND	ND	ND	ND	36 U	10 U
1,1-dichloroethene	> 90	13	15	40	36 U	10 U
1,1-dichloroethane	ND	4.0 J	4.0 J	ND	36 U	10 U
1,2,3-trichlorobenzene	ND	NA	NA	NA		
1,2,4-trichlorobenzene	ND	NA	NA	NA		
1,2-dichlorobenzene	ND	NA	NA	NA		
1,2-dichloroethane					36 U	10 U
1,2-dichloroethene(total)	NA	NA	NA	NA		
1,2-dichloropropane					36 U	10 U
1,4-dichlorobenzene	ND	NA	NA	NA		
2-butanone					360 U	100 U
2-hexanone					360 U	100 U
4-methyl-2-pentanone					360 U	100 U
acetone	NA	ND	ND	ND	660	100 U
benzene	ND	ND	ND	ND	36 U	10 U
bromodichloromethane	ND	ND	ND	ND	36 U	10 U
bromoform	ND	ND	ND	ND	36 U	10 U
bromomethane					36 U	10 U
carbon disulfide					36 U	10 U
carbon tetrachloride	ND	ND	ND	ND	36 U	10 U
chlorobenzene					36 U	10 U
chloroethane	ND	ND	ND	ND	36 U	10 U
chloroethene	ND	NA	NA	ND		
chloroform	ND	3.0 J	4.0 J	ND	36 U	10 U
chloromethane					36 U	10 U
cis-1,2-dichloroethene	8.5	NA	NA	20	36 U	10 U
cis-1,3-dichloropropene	NA	NA	NA	ND	36 U	10 U
dibromochloromethane	ND	ND	ND	NA	36 U	10 U
ethylbenzene					36 U	10 U
methylene chloride	ND	ND	ND	ND	36 U	10 U
m- & p-xylene					71 U	10 U
o-xylene					36 U	
styrene					36 U	
tetrachloroethene	9.8	27	28	40	36	10 U
toluene	ND	ND	ND	ND	36 U	10 U
total xylenes	ND	ND	ND	ND		10 U
trans-1,2-dichloroethene	ND	ND	ND	ND	36 U	10 U
trans-1,3-dichloropropene					36 U	10 U
trichloroethene	>148	1100	1200	1000	880	78
trichlorofluoromethane	ND	NA	NA	ND		
vinyl chloride	ND	ND	ND	ND	36 U	10 U

NOTE:

ug/l - Micrograms per liter

(a) - This is a duplicate of MW-6 on 1/22/92

J - The mass spectrum indicates the presence of the compound but the calculated result is less than the specified reporting limit.

U - This indicates the parameter was not detected

NA - Not Analyzed

ND - Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS MONITORING WELL MW-6D

Method:		CLP LOW	EPA 524.2
Sample Number:	MW-6D	MW-6D	MW-6D
Date Collected	6/19/92	5/13/94	5/14/96
Units	ug/l	ug/l	ug/l
Parameters			
1,1,1-trichloroethane	23	9.0	0.5 U
1,1,2,2-tetrachloroethane		0.5 U	0.5 U
1,1,2-trichloroethane	ND	0.5 U	0.5 U
1,1-dichloroethene	ND	0.5 U	0.5 U
1,1-dichloroethane	ND	2.0	0.5 U
1,2,3-trichlorobenzene	NA		
1,2,4-trichlorobenzene	NA		
1,2-dichlorobenzene	NA		
1,2-dichloroethane		0.5 U	0.5 U
1,2-dichloroethene(total)	NA		
1,2-dichloropropane		0.5 U	0.5 U
1,4-dichlorobenzene	NA		
2-butanone		5 U	5 U
2-hexanone		5 U	5 U
4-methyl-2-pentanone		5 U	5 U
acetone	ND	2600 J	5 U
benzene	ND	0.5 U	0.5 U
bromodichloromethane	ND	1.0	0.5 U
bromoform	ND	3.0	0.5 U
bromomethane		0.5 U	0.5 U
carbon disulfide		0.5 U	0.5 U
carbon tetrachloride	ND	0.5 U	0.5 U
chlorobenzene		0.5 U	0.5 U
chloroethane	ND	0.5 U	0.5 U
chloroethene	ND		
chloroform	ND	0.9	0.5 U
chloromethane		0.5 U	0.5 U
cis-1,2-dichloroethene	ND	2	0.5 U
cis-1,3-dichloropropene	ND	0.5 U	0.5 U
dibromochloromethane	NA	0.5 U	0.5 U
ethylbenzene		0.4 J	0.5 U
methylene chloride	ND	0.5 U	0.5 U
m- & p-xylene		1.0	
o-xylene		1.0	
styrene		0.5 U	0.5 U
tetrachloroethene	ND	10	0.5 U
toluene	ND	0.4 J	0.5 U
total xylenes	ND		0.5 U
trans-1,2-dichloroethene	ND	0.5 U	0.5 U
trans-1,3-dichloropropene		0.5 U	0.5 U
trichloroethene	6	14	0.4 J
trichlorofluoromethane	ND		
vinyl chloride	ND	0.5 U	0.5 U

NOTE:

ug/l - Micrograms per liter

(a) - This is a duplicate of MW-6 on 1/22/92

(b) - Total xylenes calculated from m-&-p xylenes and o-xylene results for 1994 sampling

J - The mass spectrum indicates the presence of the compound but the calculated result is less tl

U - This indicates the parameter was not detected

NA - Not Analyzed

ND - Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS MONITORING WELL MW-7

Method						CLP LOW	EPA 524.2
Sample Number:	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7
Date Collected	10/8/91	1/22/92	6/19/92	4/27/93	8/5/93	5/12/94	5/13/96
Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Parameters							
1,1,1-trichloroethane	1.0	8	ND	ND	ND	0.5 U	0.5 U
1,1,2,2-tetrachloroethane						0.5 U	0.5 U
1,1,2-trichloroethane	ND	ND	ND	ND	ND	0.5 U	0.5 U
1,1-dichlorethene	ND	ND	ND	ND	ND	0.5 U	0.5 U
1,1-dichloroethane	ND	3 J	ND	ND	ND	0.5 U	0.5 U
1,2,3-trichlorobenzene	ND	NA	NA	NA	NA		
1,2,4-trichlorobenzene	ND	NA	NA	NA	NA		
1,2-dichlorobenzene	ND	NA	NA	NA	NA		
1,2-dichloroethane						0.5 U	0.5 U
1,2-dichloroethene(total)	NA	NA	NA	NA	ND		
1,2-dichloropropane						0.5 U	0.5 U
1,4-dichlorobenzene	ND	NA	NA	NA	NA		
2-butanone						5 U	5 U
2-hexanone						5 U	5 U
4-methyl-2-pentanone						5 U	5 U
acetone	NA	ND	ND	ND	ND	73	5 U
benzene	ND	ND	ND	ND	ND	0.5 U	0.5 U
bromodichloromethane	ND	ND	ND	ND	ND	0.5 U	0.5 U
bromoform	ND	ND	ND	ND	ND	0.5 U	0.5 U
bromomethane						0.5 U	0.5 U
carbon disulfide						0.5 U	0.5 U
carbon tetrachloride	ND	ND	ND	ND	ND	0.5 U	0.5 U
chlorobenzene						0.5 U	0.5 U
chloroethane	ND	ND	ND	ND	ND	0.5 U	0.5 U
chloroethene	ND	NA	ND	NA	NA		
chloroform	ND	ND	ND	ND	ND	0.5 U	0.5 U
chloromethane						0.5 U	0.5 U
cis-1,2-dichloroethene	1.3	NA	ND	ND	NA	0.5 U	0.5 U
cis-1,3-dichloropropene	NA	NA	ND	ND	ND	0.5 U	0.5 U
dibromochloromethane	ND	ND	NA	NA	NA	0.5 U	0.5 U
ethylbenzene						0.5 U	0.5 U
methylene chloride	ND	ND	ND	ND	ND	0.5 U	0.5 U
m- & p-xylene						1 U	
o-xylene						0.5 U	
styrene						0.5 U	0.5 U
tetrachloroethene	1.6	ND	ND	ND	ND	0.5 U	0.5 U
toluene	ND	3 J	ND	ND	ND	0.5 U	0.5 U
total xylenes	ND	ND	ND	ND	ND		0.5 U
trans-1,2-dichloroethene	ND	ND	ND	ND	NA	0.5 U	0.5 U
trans-1,3-dichloropropene						0.5 U	0.5 U
trichloroethene	3.9	ND	ND	ND	ND	0.5 U	0.5 U
trichlorofluoromethane	ND	NA	ND	NA	NA		
vinyl chloride	ND	ND	ND	ND	ND	0.5 U	0.5 U

NOTE:
ug/l - Micrograms per liter
J - The mass spectrum indicates the presence of the compound but the calculated result is less than the specified reporting limit
U - This indicates the parameter was not detected
NA - Not Analyzed
ND - Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS MONITORING WELL MW-7D

Method Sample Number: Date Collected Units	MW-7D 10/8/91 ug/l	MW-7D 1/22/92 ug/l	MW-7D 6/19/92 ug/l	MW-7D 4/27/93 ug/l	CLP LOW MW-7D 5/12/94 ug/l	EPA 524.2 MW-7D 5/8/96 ug/l
Parameters						
1,1,1-trichloroethane	ND	ND	ND	ND	0.5 U	0.5 U
1,1,2,2-tetrachloroethane					0.5 U	0.5 U
1,1,2-trichloroethane	ND	ND	ND	ND	0.5 U	0.5 U
1,1-dichlorethene	ND	ND	ND	ND	0.5 U	0.5 U
1,1-dichloroethane	ND	ND	ND	ND	0.5 U	0.5 U
1,2,3-trichlorobenzene	ND	NA	NA	NA		
1,2,4-trichlorobenzene	ND	NA	NA	NA		
1,2-dichlorobenzene	ND	NA	NA	NA		
1,2-dichloroethane					0.5 U	0.5 U
1,2-dichloroethene(total)	NA	NA	NA	NA		
1,2-dichloropropane					0.5 U	0.5 U
1,4-dichlorobenzene	ND	NA	NA	NA		
2-butanone					5 U	5 U
2-hexanone					5 U	5 U
4-methyl-2-pentanone					5 U	5 U
acetone	NA	ND	ND	ND	6	5 U
benzene	ND	ND	ND	ND	0.5 U	0.5 U
bromodichloromethane	ND	ND	ND	ND	0.5 U	0.5 U
bromoform	ND	ND	ND	ND	0.5 U	0.5 U
bromomethane					0.5 U	0.5 U
carbon disulfide					0.5 U	0.5 U
carbon tetrachloride	ND	ND	ND	ND	0.5 U	0.5 U
chlorobenzene					0.5 U	0.5 U
chloroethane	ND	ND	ND	ND	0.5 U	0.5 U
chloroethene	ND	NA	ND	NA		
chloroform	ND	ND	ND	ND	0.5 U	5
chloromethane					0.5 U	0.5 U
cis-1,2-dichloroethene	ND	NA	ND	ND	0.5 U	0.5 U
cis-1,3-dichloropropene	NA	NA	ND	ND	0.5 U	0.5 U
dibromochloromethane	ND	ND	NA	NA	0.5 U	0.5 U
ethylbenzene					0.5 U	0.5 U
methylene chloride	ND	ND	ND	ND	0.5 U	0.5 U
m- & p-xylene					1 U	0.5 U
o-xylene					0.5 U	0.5 U
styrene					0.5 U	0.5 U
tetrachloroethene	ND	ND	ND	ND	0.5 U	0.5 U
toluene	ND	ND	ND	ND	0.5 U	0.5 U
total xylenes	ND	6 J	ND	ND		
trans-1,2-dichloroethene	ND	ND	ND	ND	0.5 U	0.5 U
trans-1,3-dichloropropene					0.5 U	0.5 U
trichloroethene	ND	ND	ND	ND	0.5 U	0.5 U
trichlorofluoromethane	ND	NA	ND	ND		
vinyl chloride	ND	ND	ND	ND	0.5 U	0.5 U

NOTE:
ug/l - Micrograms per liter
J - The mass spectrum indicates the presence of the compound but the calculated result is less than the specified reporting limit
U - This indicates the parameter was not detected
NA - Not Analyzed
ND - Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS WELL MW-8

Method				CLP LOW	EPA 524.2
Sample Number:	MW-8	MW-8	MW-8	MW-8	MW-8
Date Collected	6/19/92	4/27/93	8/5/93	5/12/94	5/9/96
Units	ug/l	ug/l	ug/l	ug/l	ug/l
Parameters					
1,1,1-trichloroethane	ND	ND	ND	1 U	1 U
1,1,2,2-tetrachloroethane				1 U	1 U
1,1,2-trichloroethane	ND	ND	ND	1 U	1 U
1,1-dichloroethene	ND	ND	ND	1 U	5
1,1-dichloroethane	ND	2 J	ND	2	3
1,2,3-trichlorobenzene	NA	NA	NA		
1,2,4-trichlorobenzene	NA	NA	NA		
1,2-dichlorobenzene	NA	NA	NA		
1,2-dichloroethane				1 U	1 U
1,2-dichloroethene(total)	NA	NA	25		
1,2-dichloropropane				1 U	1 U
1,4-dichlorobenzene	NA	NA	NA		
2-butanone				10 U	14
2-hexanone				10 U	13 U
4-methyl-2-pentanone				10 U	13 U
acetone	ND	ND	ND	10 U	13 U
benzene	ND	ND	ND	1 U	1 U
bromodichloromethane	ND	ND	ND	1 U	1 U
bromoform	ND	ND	ND	1 U	1 U
bromomethane				1 U	1 U
carbon disulfide				1 U	1 U
carbon tetrachloride	ND	ND	ND	1 U	1 U
chlorobenzene				1 U	1 U
chloroethane	ND	ND	ND	1 U	1 U
chloroethene	ND	NA	NA		
chloroform	ND	ND	ND	1 U	1 U
chloromethane				1 U	1 U
cis-1,2-dichloroethene	ND	28	NA	32	48
cis-1,3-dichloropropene	16	ND	ND	1 U	1 U
dibromochloromethane	NA	NA	NA	1 U	1 U
ethylbenzene				1 U	1 U
methylene chloride	ND	ND	ND	1 U	1 U
m- & p-xylene				2 U	
o-xylene				1 U	
styrene				1 U	1 U
tetrachloroethene	ND	ND	ND	1 U	1 U
toluene	ND	ND	ND	1 U	1 J
total xylenes	ND	ND	ND		1 U
trans-1,2-dichloroethene	ND	3 J	NA	3	4
trans-1,3-dichloropropene				1 U	1 U
trichloroethene	ND	ND	ND	1 U	1 U
trichlorofluoromethane	ND	ND	NA		
vinyl chloride	ND	ND	ND	1 U	1 U

NOTE:

ug/l - Micrograms per liter

J - The mass spectrum indicates the presence of the compound but the calculated result is less than the specified reportin

U - This indicates the parameter was not detected

NA - Not Analyzed

ND - Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS WELL MW-8D

Method Sample Number: Date Collected Units	MW-8D 6/19/92 ug/l	MW-8D 4/27/93 ug/l	CLP LOW MW-8D 5/12/94 ug/l	EPA 524.2 MW-8D 5/14/96 ug/l
Parameters				
1,1,1-trichloroethane	ND	ND	0.5 U	0.5 U
1,1,2,2-tetrachloroethane			0.5 U	0.5 U
1,1,2-trichloroethane	ND	ND	0.5 U	0.5 U
1,1-dichloroethene	ND	ND	0.5 U	0.5 U
1,1-dichloroethane	ND	ND	0.5 U	0.5 U
1,2,3-trichlorobenzene	NA	NA		
1,2,4-trichlorobenzene	NA	NA		
1,2-dichlorobenzene	NA	NA		
1,2-dichloroethane			0.5 U	0.5 U
1,2-dichloroethene(total)	NA	NA		
1,2-dichloropropane			0.5 U	0.5 U
1,4-dichlorobenzene	NA	NA		
2-butanone			5 U	5 U
2-hexanone			5 U	5 U
4-methyl-2-pentanone			5 U	5 U
acetone	ND	ND	32	5 U
benzene	ND	ND	0.5 U	0.5 U
bromodichloromethane	ND	ND	0.5 U	0.5 U
bromoform	ND	ND	2	0.5 U
bromomethane			0.5 U	0.5 U
carbon disulfide			0.5 U	0.5 U
carbon tetrachloride	ND	ND	0.5 U	0.5 U
chlorobenzene			0.5 U	0.5 U
chloroethane	ND	ND	0.5 U	0.5 U
chloroethene	ND	NA		
chloroform	ND	ND	0.5 U	0.5 U
chloromethane			0.5 U	0.5 U
cis-1,2-dichloroethene	ND	ND	0.5 U	0.5 U
cis-1,3-dichloropropene	ND	ND	0.5 U	0.5 U
dibromochloromethane	NA	NA	0.7	0.5 U
ethylbenzene			0.5 U	0.5 U
methylene chloride	ND	ND	0.5 U	0.5 U
m- & p-xylene			1.0	
o-xylene			0.5	
styrene			0.5 U	0.5 U
tetrachloroethene	ND	ND	0.5 U	0.5 U
toluene	ND	ND	0.9	0.5 U
total xylenes	ND	ND		0.5 U
trans-1,2-dichloroethene	ND	ND	0.5 U	0.5 U
trans-1,3-dichloropropene			0.5 U	0.5 U
trichloroethene	ND	ND	0.5 U	0.5 U
trichlorofluoromethane	ND	ND		
vinyl chloride	ND	ND	0.5 U	0.5 U

NOTE:
ug/l - Micrograms per liter
J - The mass spectrum indicates the presence of the compound but the calculated result is less than the specified reporting limit.
U - This indicates the parameter was not detected
NA - Not Analyzed
ND - Not Detected

VOLATILE ORGANIC CONCENTRATIONS IN GRANVILLE SOLVENTS WELL MW-P1

Method: Sample Number: Date Collected Units	CLP LOW MW-P1 5/13/94 ug/l	EPA 524.2 MW-P1 5/8/96 ug/l	Concentration Difference in Well MW-P1 from 1994 to 1996 ug/l
Parameters			
1,1,1-trichloroethane	1800	720	-1080
1,1,2,2-tetrachloroethane	25 U	38 U	
1,1,2-trichloroethane	25 U	38 U	
1,1-dichloroethene	25 U	38 U	
1,1-dichloroethane	71	38 U	Less than or equal to -71
1,2,3-trichlorobenzene			
1,2,4-trichlorobenzene			
1,2-dichlorobenzene			
1,2-dichloroethane	25 U	38 U	
1,2-dichloroethene(total)			
1,2-dichloropropane	25 U	38 U	
1,4-dichlorobenzene			
2-butanone	250 U	380 U	
2-hexanone	250 U	380 U	
4-methyl-2-pentanone	250 U	380 U	
acetone	160 J	380 U	Less than or equal to -160
benzene	25 U	38 U	
bromodichloromethane	25 U	38 U	
bromoform	25 U	38 U	
bromomethane	25 U	38 U	
carbon disulfide	25 U	38 U	
carbon tetrachloride	25 U	38 U	
chlorobenzene	25 U	38 U	
chloroethane	25 U	38 U	
chloroethene			
chloroform	25 U	38 U	
chloromethane	25 U	38 U	
cis-1,2-dichloroethene	600	38 U	Less than or equal to -600
cis-1,3-dichloropropene	25 U	38 U	
dibromochloromethane	25 U	38 U	
ethylbenzene	25 U	38 U	
methylene chloride	25 U	38 U	
m- & p-xylene	50 U		
o-xylene	25 U		
styrene	25 U	38 U	
tetrachloroethene	1400	540	-860
toluene	25 U	38 U	
total xylenes		38 U	
trans-1,2-dichloroethene	25 U	38 U	
trans-1,3-dichloropropene	25 U	38 U	
trichloroethene	6200	1400	-4800
trichlorofluoromethane			
vinyl chloride	25 U	38 U	

NOTE:

ug/l - Micrograms per liter

J - The mass spectrum indicates the presence of the compound but the calculated result is less than the specified reporting limit.

U - This indicates the parameter was not detected

Appendix D – Groundwater Quality Data 1996 – 2003

Granville Solvents Site Groundwater Data
May 1996

Sample Number	GSSMW1		MW-1		GSSMW2		MW-2D		GSSMW3		GSSMW3D		GSSMW4		MW-4D		MW-4D2		GSSMW5
Sample Date	5/9/96 (a)		5/9/96		5/8/96		5/8/96		5/13/96		5/13/96 (a)		5/13/96		5/8/96		5/8/96		5/9/96
Units	ug/l		ug/l		ug/l				ug/l		ug/l		ug/l		ug/l		ug/l		ug/l
Parameter																			
1,1,1-Trichloroethane	1	U	**450**	**DJ**	0.5	U	**350**		0.5	U	0.5	U	0.5	U	**110**		0.5	U	0.5
1,1,2,2-Tetrachloroethane	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
1,1,2-Trichloroethane	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
1,1-Dichloroethane	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	**27**		0.5	U	0.5
1,1-Dichloroethene	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
1,2-Dichloroethane	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
1,2-Dichloropropane	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
2-Butanone	7	**JD**	50	U	0.5	U	170	U	0.5	U	5	U	5	U	84	U	5	U	5
2-Hexanone	10	U	50	U	0.5	U	170	U	0.5	U	5	U	5	U	84	U	5	U	5
4-Methyl-2-Pentanone	10	U	50	U	0.5	U	170	U	0.5	U	5	U	5	U	84	U	5	U	5
Acetone	10	U	50	U	0.5	U	170	U	0.5	U	5	U	5	U	84	U	5	U	5
Benzene	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Bromodichloromethane	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Bromoform	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Bromomethane	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Carbon Disulfide	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Carbon Tetrachloride	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Chlorobenzene	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Chloroethane	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Chloroform	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Chloromethane	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
cis-1,2-Dichloroethene	1	U	5	U	0.5	U	**250**		0.5	U	0.5	U	0.5	U	**150**		0.5	U	0.5
cis-1,3-Dichloropropene	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Dibromochloromethane	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Ethylbenzene	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Methylene Chloride	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Styrene	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Tetrachloroethene	1	U	**74**		0.5	U	**430**		0.5	U	0.5	U	0.5	U	**110**		0.5	U	0.5
Toluene	1	U	5	U	0.5	U	17	U	0.5	U	**3**		0.5	U	8	U	0.5	U	0.5
trans-1,2-Dichloroethene	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
trans-1,3-Dichloropropene	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	0.5	U	0.5
Trichloroethene	1	U	**230**		0.5	U	**590**		0.5	U	0.5	U	0.5	U	**280**		0.5	U	0.5
Vinyl Chloride	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	**11**		0.5	U	0.5
Xylene (Total)	1	U	5	U	0.5	U	17	U	0.5	U	0.5	U	0.5	U	8	U	8	U	0.5

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 1996

Sample Number		MW-5		GSSMW6		MW-6		MW-6D		GSSMW7		MW-7		MW-7D		GSSMW8		MW-8		MW-8D	
Sample Date		5/13/96 (a)		5/9/96		5/8/96		5/14/96		5/13/96		5/13/96 (a)		5/8/96		5/9/96		5/9/96		5/14/96 (a)	
Units		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
Parameter																					
1,1,1-Trichloroethane	U	**0.8**		0.5	U	**380**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
1,1,2,2-Tetrachloroethane	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
1,1,2-Trichloroethane	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
1,1-Dichloroethane	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
1,1-Dichloroethene	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
2-Butanone	U	5	U	5	U	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone	U	5	U	5	U	100	U	5	U	5	U	5	U	5	U	5	U	13	U	5	U
4-Methyl-2-Pentanone	U	5	U	5	U	100	U	5	U	5	U	5	U	5	U	5	U	13	U	5	U
Acetone	U	5	U	5	U	100	U	5	U	5	U	5	U	5	U	5	U	13	U	5	U
Benzene	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Bromodichloromethane	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Bromoform	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Bromomethane	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Carbon Disulfide	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Carbon Tetrachloride	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Chlorobenzene	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Chloroethane	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Chloroform	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Chloromethane	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	**5**		0.5	U	1	U	0.5	U
cis-1,2-Dichloroethene	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
cis-1,3-Dichloropropene	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Ethylbenzene	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Methylene Chloride	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Styrene	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Tetrachloroethene	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Toluene	U	0.5	U	0.5	U	10	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
trans-1,2-Dichloroethene	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	U	0.5	U	0.5	U	**78**		**0.4**	**J**	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Vinyl Chloride	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U
Xylene (Total)	U	0.5	U	0.5	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 1996

Sample Number	GSSMW9		GSSMW10		GSSMW11		GSSMW12		GSSMW13		GSSMW14		MW-P1		GSSMW5(f)		MW-5(g)	
Sample Date	5/9/96		5/9/96		5/13/96 (a)		5/8/96		5/8/96		5/9/96		5/8/1996		5/9/96		5/13/96	
Units	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
Parameter																		
1,1,1-Trichloroethane	0.5	U	0.5	U	**3**		0.5	U	0.5	U	0.5	U	**720**		0.5	U	**0.8**	
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
1,1,2-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
1,1-Dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U	380	U	5	U	5	U
2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U	380	U	5	U	5	U
4-Methyl-2-Pentanone	5	U	5	U	5	U	5	U	5	U	5	U	380	U	5	U	5	U
Acetone	5	U	5	U	5	U	5	U	5	U	5	U	380	U	5	U	5	U
Benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Carbon Disulfide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Carbon Tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Chloroform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
cis-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Methylene Chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Toluene	0.5	U	0.5	U	**3**		0.5	U	0.5	U	0.5	U	**540**		0.5	U	0.5	U
trans-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U
Vinyl Chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**1400**		0.5	U	0.5	U
Xylene (Total)	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	38	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
August 1996

Sample Number	GSSMW1		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14		MW-8dup	
Sample Date	8/27/96 (b)		8/27/96 (b)		8/27/96 (b)		9/6/96		8/27/96 (b)		8/27/96		8/27/96 (b)		9/6/96	
Units	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
Parameter																
1,1,1-Trichloroethane	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
1,1,2-Trichloroethane	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
1,1-Dichloroethane	0.5	U	0.5	U	0.5	U	2		0.5	U	0.5	U	0.5	U	2	
1,1-Dichloroethene	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
2-Butanone	5	U	5	U	5	U	10	U	5	U	5	U	5	U	10	U
2-Hexanone	5	U	5	U	5	U	10	U	5	U	5	U	5	U	10	U
4-Methyl-2-Pentanone	5	U	5	U	5	U	10	U	5	U	5	U	5	U	10	U
Acetone	5	U	5	U	5	U	10	U	5	U	5	U	5	U	10	U
Benzene	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Bromodichloromethane	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Bromoform	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Bromomethane	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Carbon Disulfide	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Carbon Tetrachloride	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Chlorobenzene	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Chloroethane	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Chloroform	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Chloromethane	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
cis-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	44		0.5	U	0.5	U	0.5	U	46	
cis-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Dibromochloromethane	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Ethylbenzene	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Methylene Chloride	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Styrene	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Tetrachloroethene	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Toluene	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
trans-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	5		0.5	U	0.5	U	0.5	U	5	
trans-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Trichloroethene	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Vinyl Chloride	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U
Xylene (Total)	0.5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	1	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
December 1996

Sample Number	GSSMW1		GSSMW2		GSSMW3		GSSMW3D		GSSMW4		GSSMW5		GSSMW6		GSSMW7		GSSMW8
Sample Date	12/10/96		12/10/96		12/10/96 (c)		12/10/96		12/10/96		12/10/96		12/10/96 (c)		12/10/96		12/10/96 (c)
Units	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l
Parameter																	
1,1,1-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
1,1,2-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
1,1-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
1,1-Dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5
2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5
4-Methyl-2-Pentanone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Acetone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5
Benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Carbon Disulfide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Carbon Tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Chloroform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
cis-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
cis-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Methylene Chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Toluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
trans-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
trans-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Vinyl Chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5
Xylene (Total)	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzedNotes:

Granville Solvents Site Groundwater Data
December 1996

Sample Number		MW-8		GSSMW9		GSSMW10		GSSMW11		GSSMW14		GSSMW1		GSSMW10	
Sample Date		12/10/96		12/10/96 (c)		12/10/96		12/10/96		12/10/96		12/10/96 (c)		12/10/96 (c)	
Units		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
Parameter															
1,1,1-Trichloroethane	U	2	U	0.5	U	0.5	U	0.6		0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	U	3		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Butanone	U	17		5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone	U	17	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	U	17	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	U	17	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-Dichloroethene	U	49		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene Chloride	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Styrene	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	U	5		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (Total)	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzedNotes:

Granville Solvents Site Groundwater Data
February 1997

Sample Number	GSSMW1		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14	
Sample Date	2/19/97		2/19/97		2/19/97		2/19/97		2/19/97		2/19/97		2/19/97	
Units	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
Parameter														
1,1,1-Trichloroethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	U	0.5	U	**3**		0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
2-Butanone	5	U	5	U	5	U	12	U	5	U	5	U	5	U
2-Hexanone	5	U	5	U	5	U	12	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	5	U	5	U	5	U	12	U	5	U	5	U	5	U
Acetone	5	U	5	U	5	U	12	U	5	U	5	U	5	U
Benzene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Bromoform	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Bromomethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Chloroethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Chloroform	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Chloromethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
cis-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	**55**		0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Methylene Chloride	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Styrene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Toluene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	**5.8**		0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Trichloroethene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
Xylene (Total)	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 1997

Sample Number	GSSMW1		MW-1		GSSMW2		MW-2D		GSSMW3		GSSMW3D		GSSMW4		MW-4D		MW-4D2		GSSMW5	
Sample Date	5/5/1997		5/6/1997		5/5/1997		5/5/1997		5/6/1997		5/6/1997		5/6/1997		5/6/1997		5/6/1997		5/5/1997	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameter																				
1,1,1-Trichloroethane	0.5	U	**280**		0.5	U	250		0.5	U	0.5	U	0.5	U	170		0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
1,1,2-Trichloroethane	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	**35**		0.5	U	0.5	U
1,1-Dichloroethene	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
1,2-Dichloropropane	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
2-Butanone	5	U	62	U	5	U	120	U	5	U	5	U	5	U	120	U	5	U	5	U
2-Hexanone	5	U	62	U	5	U	120	U	5	U	5	U	5	U	120	U	5	U	5	U
4-Methyl-2-Pentanone	5	U	62	U	5	U	120	U	5	U	5	U	5	U	120	U	5	U	5	U
Acetone	5	U	62	U	5	U	120	U	5	U	5	U	5	U	120	U	5	U	5	U
Benzene	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Bromodichloromethane	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Bromoform	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Bromomethane	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Carbon Disulfide	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Carbon Tetrachloride	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Chlorobenzene	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Chloroethane	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Chloroform	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Chloromethane	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
cis-1,2-Dichloroethene	0.5	U	6.2	U	0.5	U	**140**		0.5	U	0.5	U	0.5	U	**97**		0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Dibromochloromethane	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Ethylbenzene	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Methylene Chloride	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Styrene	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Tetrachloroethene	0.5	U	**33**		0.5	U	**390**		0.5	U	0.5	U	0.5	U	**66**		**0.92**		0.5	U
Toluene	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Trichloroethene	0.5	U	**100**		0.5	U	**450**		0.5	U	0.5	U	0.5	U	**440**		0.5	U	0.5	U
Vinyl Chloride	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Xylene (Total)	0.5	U	6.2	U	0.5	U	12	U	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U

Notes:
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J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
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Sample Number	MW-5		GSSMW6		MW-6		MW-6D		GSSMW7		MW-7		MW-7D		GSSMW8		MW-8		MW-8D		GSSMW9
Sample Date	5/6/1997		5/5/1997		5/6/1997		NS		5/6/1997		NS		5/5/1997		5/5/1997		5/5/1997		NS		5/5/1997
Units	ug/L		ug/L		ug/L				ug/L				ug/L		ug/L		ug/L				ug/L
Parameter																					
1,1,1-Trichloroethane	0.5	U	0.5	U	**430**				0.5	U			0.5	U	0.5	U	1	U			0.5
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
1,1,2-Trichloroethane	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
1,1-Dichloroethane	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	3				0.5
1,1-Dichloroethene	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
1,2-Dichloroethane	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
1,2-Dichloropropane	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
2-Butanone	5	U	5	U	100	U			5	U			5	U	5	U	10	U			5
2-Hexanone	5	U	5	U	100	U			5	U			5	U	5	U	10	U			5
4-Methyl-2-Pentanone	5	U	5	U	100	U			5	U			5	U	5	U	10	U			5
Acetone	5	U	5	U	100	U			5	U			5	U	5	U	4.7	J			5
Benzene	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Bromodichloromethane	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Bromoform	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Bromomethane	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Carbon Disulfide	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Carbon Tetrachloride	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Chlorobenzene	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Chloroethane	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Chloroform	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Chloromethane	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
cis-1,2-Dichloroethene	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
cis-1,3-Dichloropropene	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	51				0.5
Dibromochloromethane	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Ethylbenzene	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Methylene Chloride	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Styrene	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Tetrachloroethene	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Toluene	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
trans-1,2-Dichloroethene	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
trans-1,3-Dichloropropene	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	5.4				0.5
Trichloroethene	0.5	U	0.5	U	**47**				0.5	U			0.5	U	0.5	U	1	U			0.5
Vinyl Chloride	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5
Xylene (Total)	0.5	U	0.5	U	10	U			0.5	U			0.5	U	0.5	U	1	U			0.5

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

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Sample Number		GSSMW10		GSSMW11		GSSMW12		GSSMW13		GSSMW14		MW-P1	
Sample Date		5/5/1997		5/5/1997		5/6/1997		5/6/1997		5/5/1997		5/6/1997	
Units		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameter													
1,1,1-Trichloroethane	U	0.5	U	0.44	J	0.5	U	0.5	U	0.5	U	460	
1,1,2,2-Tetrachloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
1,1,2-Trichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
1,1-Dichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
1,1-Dichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
1,2-Dichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
1,2-Dichloropropane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
2-Butanone	U	5	U	5	U	5	U	5	U	5	U	200	U
2-Hexanone	U	5	U	5	U	5	U	5	U	5	U	200	U
4-Methyl-2-Pentanone	U	5	U	5	U	5	U	5	U	5	U	200	U
Acetone	U	5	U	5	U	5	U	5	U	5	U	200	U
Benzene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Bromodichloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Bromoform	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Bromomethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Carbon Disulfide	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Carbon Tetrachloride	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Chlorobenzene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Chloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Chloroform	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Chloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
cis-1,2-Dichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
cis-1,3-Dichloropropene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Dibromochloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Ethylbenzene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Methylene Chloride	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Styrene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Tetrachloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	340	
Toluene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
trans-1,2-Dichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
trans-1,3-Dichloropropene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Trichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	730	
Vinyl Chloride	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U
Xylene (Total)	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	20	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
August 1997

Sample Number	GSSMW1		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14	
Date Collected	8/12/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters														
1,1,1-trichloroethane	0.5	U	**370**		0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	8.5	U	0.5	U	**2.2**		0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
2-butanone	5	U	85	U	5	U	8.8	U	5	U	5	U	5	U
2-hexanone	5	U	85	U	5	U	8.8	U	5	U	5	U	5	U
4-methyl-2-pentanone	5	U	85	U	5	U	8.8	U	5	U	5	U	5	U
acetone	5	U	85	U	5	U	8.8	U	5	U	5	U	5	U
benzene	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	**0.86**		0.5	U
carbon tetrachloride	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	**0.45**	**J**
chloromethane	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	8.5	U	0.5	U	**36**		0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
methylene chloride	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
toluene	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	8.5	U	0.5	U	**3**		0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U
trichloroethene	**0.36**	**J**	**34**		**0.58**		**0.9**		0.5	U	**0.7**		0.5	U
vinyl chloride	0.5	U	8.5	U	0.5	U	0.88	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
December 1997

Sample Number	GSSMW1		GSSMW2		GSSMW3		GSSMW3D		GSSMW4		GSSMW5		GSSMW6		GSSMW7		GSSMW8	
Date Collected	12/12/1997		12/11/1997		12/11/1997		12/12/1997		12/12/1997		12/12/1997		12/12/1997		12/11/1997		12/11/1997	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																		
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-butanone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-hexanone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-methyl-2-pentanone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
acetone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**0.33**	**J**	**0.33**	**J**	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
methylene chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
toluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
December 1997

Sample Number	MW-8		GSSMW9		GSSMW10		GSSMW11		GSSMW14	
Date Collected	12/12/1997		12/11/1997		12/11/1997		12/12/1997		12/11/1997	
Units	ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters										
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	3.2		0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-butanone	5	U	5	U	5	U	5	U	5	U
2-hexanone	5	U	5	U	5	U	5	U	5	U
4-methyl-2-pentanone	5	U	5	U	5	U	5	U	5	U
acetone	5	U	5	U	5	U	5	U	5	U
benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	56	E	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
methylene chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
toluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	6		0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
February 1998

Sample Number	GSSMW1		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14	
Date Collected	2/1/1998		2/1/1998		2/1/1998		2/1/1998		2/1/1998		2/1/1998		2/1/1998	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters														
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	**2.9**		0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
2-butanone	5	U	5	U	5	U	9.6	U	5	U	5	U	5	U
2-hexanone	5	U	5	U	5	U	9.6	U	5	U	5	U	5	U
4-methyl-2-pentanone	5	U	5	U	5	U	9.6	U	5	U	5	U	5	U
acetone	5	U	5	U	5	U	9.6	U	5	U	5	U	5	U
benzene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	**50**		0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
methylene chloride	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
toluene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	**5.4**		0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 1998

Sample Number	GSSMW1		MW-1		GSSMW2		MW-2D		GSSMW3		GSSMW3D		GSSMW4		MW-4D		MW-4D2		GSSMW5	
Date Collected	5/4/1998		5/5/1998		5/4/1998		5/5/1998		5/5/1998		5/5/1998		5/4/1998		5/5/1998		5/5/1998		5/4/1998	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																				
1,1,1-trichloroethane	0.5	U	**300**		0.5	U	**220**		0.5	U	0.5	U	0.5	U	**220**		0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	**34**		0.5	U	0.5	U
1,1-dichloroethene	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
2-butanone	5	U	88	U	5	U	110	U	5	U	5	U	5	U	180	U	5	U	5	U
2-hexanone	5	U	88	U	5	U	110	U	5	U	5	U	5	U	180	U	5	U	5	U
4-methyl-2-pentanone	5	U	88	U	5	U	110	U	5	U	5	U	5	U	180	U	5	U	5	U
acetone	5	U	**110**		5	U	**290**		5	U	5	U	5	U	**270**		5	U	5	U
benzene	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
bromoform	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
bromomethane	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
carbon disulfide	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
chlorobenzene	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
chloroethane	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
chloroform	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
chloromethane	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	8.8	U	0.5	U	**110**		0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	**77**		0.5	U	0.5	U
dibromochloromethane	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
ethylbenzene	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
methylene chloride	0.5	U	8.8	U	0.5	U	**26**		0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
styrene	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	**190**		0.5	U	**400**		0.5	U	0.5	U	0.5	U	**130**		**0.56**		0.5	U
toluene	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
trichloroethene	0.5	U	**210**		0.5	U	**380**		0.5	U	0.5	U	0.5	U	**680**		0.5	U	0.5	U
vinyl chloride	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U
total xylenes	0.5	U	8.8	U	0.5	U	11	U	0.5	U	0.5	U	0.5	U	18	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 1998

Sample Number	MW-5		GSSMW6		MW-6		MW-6D		GSSMW7		MW-7		MW-7D		GSSMW8		MW-8		MW-8D		GSSMW9
Date Collected	5/5/1998		5/4/1998		5/4/1998		NS		5/5/1998		NS		5/4/1998		5/4/1998		5/4/1998		NS		5/4/1998
Units	ug/L		ug/L		ug/L				ug/L				ug/L		ug/L		ug/L				ug/L
Parameters																					
1,1,1-trichloroethane	**0.68**		0.5	U	**370**				0.5	U			0.5	U	0.5	U	0.96	U			0.5
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
1,1,2-trichloroethane	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
1,1-dichloroethane	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	**2.6**				0.5
1,1-dichloroethene	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
1,2-dichloroethane	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
1,2-dichloropropane	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
2-butanone	5	U	5	U	81	U			5	U			5	U	5	U	9.6	U			5
2-hexanone	5	U	5	U	81	U			5	U			5	U	5	U	9.6	U			5
4-methyl-2-pentanone	5	U	5	U	81	U			5	U			5	U	5	U	9.6	U			5
acetone	5	U	5	U	81	U			5	U			5	U	5	U	9.6	U			5
benzene	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
bromodichloromethane	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
bromoform	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
bromomethane	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
carbon disulfide	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
carbon tetrachloride	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
chlorobenzene	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
chloroethane	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
chloroform	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
chloromethane	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
cis-1,2-dichloroethene	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	**44**				0.5
cis-1,3-dichloropropene	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
dibromochloromethane	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
ethylbenzene	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
methylene chloride	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
styrene	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
tetrachloroethene	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
toluene	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
trans-1,2-dichloroethene	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	**4**				0.5
trans-1,3-dichloropropene	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
trichloroethene	0.5	U	0.5	U	**36**				0.5	U			0.5	U	0.5	U	0.96	U			0.5
vinyl chloride	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5
total xylenes	0.5	U	0.5	U	8.1	U			0.5	U			0.5	U	0.5	U	0.96	U			0.5

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 1998

Sample Number		GSSMW10		GSSMW11		GSSMW12		GSSMW13		GSSMW14		MW-P1	
Date Collected		5/4/1998		5/4/1998		5/5/1998		5/5/1998		5/4/1998		5/5/1998	
Units		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters													
1,1,1-trichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**380**	
1,1,2,2-tetrachloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
1,1,2-trichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
1,1-dichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
1,1-dichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
1,2-dichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
1,2-dichloropropane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
2-butanone	U	5	U	5	U	5	U	5	U	5	U	140	U
2-hexanone	U	5	U	5	U	5	U	5	U	5	U	140	U
4-methyl-2-pentanone	U	5	U	5	U	5	U	5	U	5	U	140	U
acetone	U	5	U	5	U	5	U	5	U	5	U	**170**	
benzene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
bromodichloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
bromoform	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
bromomethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
carbon disulfide	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
carbon tetrachloride	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
chlorobenzene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
chloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
chloroform	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
chloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
cis-1,2-dichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
cis-1,3-dichloropropene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
dibromochloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
ethylbenzene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
methylene chloride	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
styrene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
tetrachloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**370**	
toluene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
trans-1,2-dichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
trans-1,3-dichloropropene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
trichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**550**	
vinyl chloride	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U
total xylenes	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	14	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
August 1998

Sample Number	GSSMW1		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14	
Date Collected	8/6/1998		8/6/1998		8/6/1998		8/6/1998		8/6/1998		8/6/1998		8/6/1998	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters														
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	3		0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
2-butanone	5	U	5	U	5	U	12	U	5	U	5	U	5	U
2-hexanone	2.5	U	2.5	U	2.5	U	6.2	U	2.5	U	2.5	U	2.5	U
4-methyl-2-pentanone	2.5	U	2.5	U	2.5	U	6.2	U	2.5	U	2.5	U	2.5	U
acetone	5	U	5	U	5	U	67		5	U	5	U	5	U
benzene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	51		0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
methylene chloride	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
toluene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	5.4		0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
November 1998

Sample Number	GSSMW1		GSSMW2		GSSMW3		GSSMW3D		GSSMW4		GSSMW5		GSSMW6		GSSMW7		GSSMW8	
Date Collected	11/19/1998		11/19/1998		11/19/1998		11/19/1998		11/19/1998		11/19/1998		11/19/1998		11/19/1998		11/19/1998	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																		
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-butanone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-hexanone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-methyl-2-pentanone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
acetone	**3.5**	**J**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**0.31**	**J**	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
methylene chloride	**0.67**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
toluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
November 1998

Sample Number	MW-8		GSSMW9		GSSMW10		GSSMW11		GSSMW14	
Date Collected	11/19/1998		11/19/1998		11/19/1998		11/19/1998		11/19/1998	
Units	ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters										
1,1,1-trichloroethane	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	**3.8**		0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethene	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
2-butanone	12	U	5	U	5	U	5	U	5	U
2-hexanone	12	U	5	U	5	U	5	U	5	U
4-methyl-2-pentanone	12	U	5	U	5	U	5	U	5	U
acetone	12	U	5	U	5	U	5	U	5	U
benzene	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
bromoform	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
bromomethane	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon disulfide	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
chlorobenzene	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroethane	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroform	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
chloromethane	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	**65**		0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
ethylbenzene	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
methylene chloride	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
styrene	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
toluene	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	**6.6**		0.5	U	0.5	U	0.5	U	0.5	U
trichloroethene	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
vinyl chloride	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U
total xylenes	1.2	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
February 1999

Sample Number	GSSMW1		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14	
Date Collected	2/5/1999		2/5/1999		2/5/1999		2/5/1999		2/5/1999		2/5/1999		2/5/1999	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters														
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	**2.9**		0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
2-butanone	5	U	5	U	5	U	9.6	U	5	U	5	U	5	U
2-hexanone	5	U	5	U	5	U	9.6	U	5	U	5	U	5	U
4-methyl-2-pentanone	5	U	5	U	5	U	9.6	U	5	U	5	U	5	U
acetone	5	U	5	U	5	U	9.6	U	5	U	5	U	5	U
benzene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	**45**		0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
methylene chloride	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
toluene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	**3.3**		0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 1999

Sample Number	GSSMW1		MW-1		GSSMW2		MW-2D		GSSMW3		GSSMW3D		GSSMW4		MW-4D	
Date Collected	5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																
1,1,1-trichloroethane	0.5	U	**270**		0.5	U	**120**		0.5	U	0.5	U	0.5	U	**100**	
1,1,2,2-tetrachloroethane	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
1,1,2-trichloroethane	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
1,1-dichloroethane	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	**15**	
1,1-dichloroethene	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
1,2-dichloroethane	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
1,2-dichloropropane	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
2-butanone	5	U	55	U	5	U	54	U	5	U	5	U	5	U	88	U
2-hexanone	5	U	55	U	5	U	54	U	5	U	5	U	5	U	88	U
4-methyl-2-pentanone	2.5	U	28	U	2.5	U	27	U	2.5	U	2.5	U	2.5	U	44	U
acetone	5	U	55	U	5	U	54	U	5	U	5	U	5	U	88	U
benzene	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
bromodichloromethane	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
bromoform	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
bromomethane	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
carbon disulfide	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
carbon tetrachloride	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
chlorobenzene	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
chloroethane	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
chloroform	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
chloromethane	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
cis-1,2-dichloroethene	0.5	U	5.5	U	0.5	U	**40**		0.5	U	0.5	U	0.5	U	**59**	
cis-1,3-dichloropropene	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
dibromochloromethane	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
ethylbenzene	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
methylene chloride	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
styrene	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
tetrachloroethene	0.5	U	**40**		0.5	U	**190**		0.5	U	0.5	U	0.5	U	**64**	
toluene	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
trans-1,2-dichloroethene	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
trans-1,3-dichloropropene	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
trichloroethene	0.5	U	**140**		0.5	U	**220**		0.5	U	0.5	U	0.5	U	**360**	
vinyl chloride	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U
total xylenes	0.5	U	5.5	U	0.5	U	5.4	U	0.5	U	0.5	U	0.5	U	8.8	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 1999

Sample Number	MW-4D2		GSSMW5		MW-5		GSSMW6		MW-6		MW-6D		GSSMW7		MW-7	
Date Collected	5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		NS		5/10/1999		NS	
Units	ug/L		ug/L		ug/L		ug/L		ug/L				ug/L			
Parameters																
1,1,1-trichloroethane	0.5	U	0.5	U	**0.63**		0.5	U	**330**				0.5	U		
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
2-butanone	5	U	5	U	5	U	5	U	60	U			5	U		
2-hexanone	5	U	5	U	5	U	5	U	60	U			5	U		
4-methyl-2-pentanone	2.5	U	2.5	U	2.5	U	2.5	U	30	U			2.5	U		
acetone	5	U	5	U	5	U	5	U	60	U			5	U		
benzene	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
bromoform	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
carbon disulfide	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
chloroform	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
methylene chloride	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
styrene	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
toluene	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	**23**				0.5	U		
vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		
total xylenes	0.5	U	0.5	U	0.5	U	0.5	U	6	U			0.5	U		

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 1999

Sample Number	MW-7D		GSSMW8		MW-8		MW-8D		GSSMW9		GSSMW10		GSSMW11		GSSMW12	
Date Collected	5/10/1999		5/10/1999		5/10/1999		NS		5/10/1999		5/10/1999		5/10/1999		5/10/1999	
Units	ug/L		ug/L		ug/L				ug/L		ug/L		ug/L		ug/L	
Parameters																
1,1,1-trichloroethane	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	**1.8**				0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
2-butanone	5	U	5	U	7.5	U			5	U	5	U	5	U	5	U
2-hexanone	5	U	5	U	7.5	U			5	U	5	U	5	U	5	U
4-methyl-2-pentanone	2.5	U	2.5	U	3.8	U			2.5	U	2.5	U	2.5	U	2.5	U
acetone	5	U	5	U	7.5	U			5	U	5	U	5	U	5	U
benzene	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	**29**				0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
methylene chloride	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
toluene	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	0.5	U	**2.4**				0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	0.75	U			0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 1999

Sample Number	GSSMW13		GSSMW14		MW-P1	
Date Collected	5/10/1999		5/10/1999		5/10/1999	
Units	ug/L		ug/L		ug/L	
Parameters						
1,1,1-trichloroethane	0.5	U	0.5	U	**350**	
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	10	U
1,1,2-trichloroethane	0.5	U	0.5	U	10	U
1,1-dichloroethane	0.5	U	0.5	U	10	U
1,1-dichloroethene	0.5	U	0.5	U	10	U
1,2-dichloroethane	0.5	U	0.5	U	10	U
1,2-dichloropropane	0.5	U	0.5	U	10	U
2-butanone	5	U	5	U	100	U
2-hexanone	5	U	5	U	100	U
4-methyl-2-pentanone	2.5	U	2.5	U	50	U
acetone	5	U	5	U	100	U
benzene	0.5	U	0.5	U	10	U
bromodichloromethane	0.5	U	0.5	U	10	U
bromoform	0.5	U	0.5	U	10	U
bromomethane	0.5	U	0.5	U	10	U
carbon disulfide	0.5	U	0.5	U	10	U
carbon tetrachloride	0.5	U	0.5	U	10	U
chlorobenzene	0.5	U	0.5	U	10	U
chloroethane	0.5	U	0.5	U	10	U
chloroform	0.5	U	0.5	U	10	U
chloromethane	0.5	U	0.5	U	10	U
cis-1,2-dichloroethene	0.5	U	0.5	U	10	U
cis-1,3-dichloropropene	0.5	U	0.5	U	10	U
dibromochloromethane	0.5	U	0.5	U	10	U
ethylbenzene	0.5	U	0.5	U	10	U
methylene chloride	0.5	U	0.5	U	10	U
styrene	0.5	U	0.5	U	10	U
tetrachloroethene	0.5	U	0.5	U	**170**	
toluene	0.5	U	0.5	U	10	U
trans-1,2-dichloroethene	0.5	U	0.5	U	10	U
trans-1,3-dichloropropene	0.5	U	0.5	U	10	U
trichloroethene	0.5	U	0.5	U	**380**	
vinyl chloride	0.5	U	0.5	U	10	U
total xylenes	0.5	U	0.5	U	10	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
August 1999

Sample Number	GSSMW1		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14	
Date Collected	8/5/1999		8/5/1999		8/5/1999		8/5/1999		8/5/1999		8/5/1999		8/5/1999	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters														
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	**4.4**		0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
2-butanone	5	U	5	U	5	U	18	U	5	U	5	U	5	U
2-hexanone	5	U	5	U	5	U	18	U	5	U	5	U	5	U
4-methyl-2-pentanone	2.5	U	2.5	U	2.5	U	8.8	U	2.5	U	2.5	U	2.5	U
acetone	5	U	5	U	5	U	18	U	5	U	5	U	5	U
benzene	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	**79**		0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
methylene chloride	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
toluene	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	**8**		0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
November 1999

Sample Number	GSSMW1		GSSMW2		GSSMW3		GSSMW3D		GSSMW4		GSSMW5		GSSMW6		GSSMW7		GSSMW8		MW-8
Date Collected	NS		11/4/1999		11/4/1999		11/4/1999		11/4/1999		11/4/1999		11/4/1999		11/4/1999		NS		11/4/1999
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		DRY		ug/L
Parameters																			
1,1,1-trichloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
1,1,2,2-tetrachloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
1,1,2-trichloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
1,1-dichloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
1,1-dichloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
1,2-dichloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
1,2-dichloropropane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
2-butanone			5	U	5	U	5	U	5	U	5	U	5	U	5	U			5
2-hexanone			2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U			2.5
4-methyl-2-pentanone			2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U			2.5
acetone			5	U	5	U	5	U	5	U	5	U	5	U	5	U			5
benzene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
bromodichloromethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
bromoform			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
bromomethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
carbon disulfide			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
carbon tetrachloride			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
chlorobenzene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
chloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
chloroform			0.5	U	0.5	U	0.5	U	0.5	U	**0.2**	**J**	0.5	U	0.5	U			0.5
chloromethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
cis-1,2-dichloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
cis-1,3-dichloropropene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
dibromochloromethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
ethylbenzene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
methylene chloride			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
styrene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
tetrachloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
toluene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
total xylenes			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
trans-1,2-dichloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
trans-1,3-dichloropropene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
trichloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
vinyl chloride			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
November 1999

Sample Number		GSSMW9		GSSMW10		GSSMW11		GSSMW14	
Date Collected		11/4/1999		11/4/1999		11/4/1999		11/4/1999	
Units		ug/L		ug/L		ug/L		ug/L	
Parameters									
1,1,1-trichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	U	0.5	U	0.5	U	0.5	U	0.5	U
2-butanone	U	5	U	5	U	5	U	5	U
2-hexanone	U	2.5	U	2.5	U	2.5	U	2.5	U
4-methyl-2-pentanone	U	2.5	U	2.5	U	2.5	U	2.5	U
acetone	U	5	U	5	U	5	U	5	U
benzene	U	0.5	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U
bromoform	U	0.5	U	0.5	U	0.5	U	0.5	U
bromomethane	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon disulfide	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	U	0.5	U	0.5	U	0.5	U	0.5	U
chlorobenzene	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroform	U	0.5	U	0.5	U	0.5	U	0.5	U
chloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	U	0.5	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U
ethylbenzene	U	0.5	U	0.5	U	0.5	U	0.5	U
methylene chloride	U	0.5	U	0.5	U	0.5	U	0.5	U
styrene	U	0.5	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U
toluene	U	0.5	U	0.5	U	0.5	U	0.5	U
total xylenes	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	U	0.5	U	0.5	U	0.5	U	0.5	U
trichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U
vinyl chloride	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
February 2000

Sample Number	GSSMW1		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14	
Date Collected	2/2/2000		2/2/2000		2/2/2000		2/2/2000		2/2/2000		2/2/2000		2/2/2000	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters														
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	**5.4**		0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
2-butanone	5	U	5	U	5	U	21	U	5	U	5	U	5	U
2-hexanone	2.5	U	2.5	U	2.5	U	10	U	2.5	U	2.5	U	2.5	U
4-methyl-2-pentanone	2.5	U	2.5	U	2.5	U	10	U	2.5	U	2.5	U	2.5	U
acetone	5	U	5	U	5	U	**33**		5	U	5	U	5	U
benzene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	**85**		0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
methylene chloride	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
toluene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	**9.9**		0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	0.5	U	0.96	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 2000

Sample Number	GSSMW1		MW-1		GSSMW2		MW-2D		GSSMW3		GSSMW3D		GSSMW4		MW-4D		MW-4D2		GSSMW5
Date Collected	NS		5/15/2000		5/15/2000		5/15/2000		5/15/2000		5/15/2000		5/15/2000		5/15/2000		5/15/2000		5/15/2000
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
Parameters																			
1,1,1-trichloroethane			**280**		0.5	U	**120**		0.5	U	0.5	U	0.5	U	**170**		0.5	U	0.5
1,1,2,2-tetrachloroethane			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
1,1,2-trichloroethane			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
1,1-dichloroethane			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	**12**	**J**	0.5	U	0.5
1,1-dichloroethene			6.9	U	0.5	U	**2.3**	**J**	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
1,2-dichloroethane			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
1,2-dichloropropane			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
2-butanone			69	U	5	U	55	U	5	U	5	U	5	U	170	U	5	U	5
2-hexanone			34	U	5	U	28	U	5	U	5	U	5	U	84	U	5	U	5
4-methyl-2-pentanone			34	U	2.5	U	28	U	2.5	U	2.5	U	2.5	U	84	U	2.5	U	2.5
acetone			**27**	**J**	5	U	**23**	**J**	5	U	5	U	5	U	170	U	5	U	5
benzene			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
bromodichloromethane			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
bromoform			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
bromomethane			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
carbon disulfide			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
carbon tetrachloride			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
chlorobenzene			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
chloroethane			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
chloroform			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
chloromethane			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
cis-1,2-dichloroethene			6.9	U	0.5	U	**42**		0.5	U	0.5	U	0.5	U	**33**		0.5	U	0.5
cis-1,3-dichloropropene			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
dibromochloromethane			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
ethylbenzene			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
methylene chloride			**6**	**J**	**12**		5.5	U	**6.9**		**8.2**		**7.7**		**16**	**J**	**3.4**		**12**
styrene			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
tetrachloroethene			**34**		0.5	U	**210**		0.5	U	0.5	U	0.5	U	**92**		0.5	U	0.5
toluene			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
trans-1,2-dichloroethene			6.9	U	0.5	U	**2.6**	**J**	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
trans-1,3-dichloropropene			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
trichloroethene			**140**		0.5	U	**220**		0.5	U	0.5	U	0.5	U	**600**		0.5	U	0.5
vinyl chloride			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5
total xylenes			6.9	U	0.5	U	5.5	U	0.5	U	0.5	U	0.5	U	17	U	0.5	U	0.5

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 2000

Sample Number		MW-5		GSSMW6		MW-6		MW-6D		GSSMW7		MW-7		MW-7D		GSSMW8		MW-8		MW-8D	
Date Collected		5/15/2000		5/15/2000		5/15/2000		NS		5/15/2000		NS		5/15/2000		5/15/2000		5/15/2000		NS	
Units		ug/L		ug/L		ug/L				ug/L				ug/L		ug/L		ug/L			
Parameters																					
1,1,1-trichloroethane	U	**0.36**	J	0.5	U	**320**				0.5	U			0.5	U	0.5	U	2	U		
1,1,2,2-tetrachloroethane	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
1,1,2-trichloroethane	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
1,1-dichloroethane	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	**5.4**			
1,1-dichloroethene	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
1,2-dichloroethane	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
1,2-dichloropropane	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
2-butanone	U	5	U	5	U	78	U			5	U			5	U	5	U	20	U		
2-hexanone	U	5	U	5	U	39	U			5	U			5	U	5	U	10	U		
4-methyl-2-pentanone	U	2.5	U	2.5	U	39	U			2.5	U			2.5	U	2.5	U	10	U		
acetone	U	5	U	5	U	78	U			5	U			5	U	5	U	**25**			
benzene	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
bromodichloromethane	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
bromoform	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
bromomethane	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
carbon disulfide	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
carbon tetrachloride	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
chlorobenzene	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
chloroethane	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
chloroform	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
chloromethane	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
cis-1,2-dichloroethene	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	**99**			
cis-1,3-dichloropropene	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
dibromochloromethane	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
ethylbenzene	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
methylene chloride		**11**		**9**		**12**				**7.2**				**9.9**		**6.5**		**8.1**			
styrene	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
tetrachloroethene	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
toluene	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
trans-1,2-dichloroethene	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	**10**			
trans-1,3-dichloropropene	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
trichloroethene	U	0.5	U	0.5	U	**26**				0.5	U			0.5	U	0.5	U	2	U		
vinyl chloride	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		
total xylenes	U	0.5	U	0.5	U	7.8	U			0.5	U			0.5	U	0.5	U	2	U		

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 2000

Sample Number	GSSMW9		GSSMW10		GSSMW11		GSSMW12		GSSMW13		GSSMW14		MW-P1	
Date Collected	5/15/2000		5/15/2000		5/15/2000		5/15/2000		5/15/2000		5/15/2000		5/15/2000	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters														
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**300**	
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
2-butanone	5	U	5	U	5	U	5	U	5	U	5	U	120	U
2-hexanone	5	U	5	U	5	U	5	U	5	U	5	U	58	U
4-methyl-2-pentanone	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	58	U
acetone	5	U	5	U	5	U	5	U	5	U	5	U	120	U
benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
carbon disulfide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
chloroform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
methylene chloride	**8**		**10**		**8.9**		**9**		**7.4**		**9.6**		**9.5**	**J**
styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**160**	
toluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**420**	
vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U
total xylenes	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	12	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
August 2000

Sample Number	GSSMW1		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14	
Date Collected	NS		8/21/2000		8/21/2000		8/21/2000		8/21/2000		8/21/2000		8/21/2000	
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters														
1,1,1-trichloroethane			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane			0.5	U	0.5	U	**4.2**		0.5	U	0.5	U	0.5	U
1,1-dichloroethene			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
2-butanone			5	U	5	U	19	U	5	U	5	U	5	U
2-hexanone			2.5	U	2.5	U	9.5	U	2.5	U	2.5	U	2.5	U
4-methyl-2-pentánone			2.5	U	2.5	U	8.8	U	2.5	U	2.5	U	2.5	U
acetone			5	U	5	U	**51**		5	U	5	U	5	U
benzene			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
bromodichloromethane			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
bromoform			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
bromomethane			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
carbon disulfide			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
chlorobenzene			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
chloroethane			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
chloroform			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
chloromethane			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene			0.5	U	0.5	U	**75**		0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
dibromochloromethane			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
ethylbenzene			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
methylene chloride			0.5	U	0.5	U	**3.7**		0.5	U	0.5	U	0.5	U
styrene			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
tetrachloroethene			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
toluene			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
total xylenes			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene			0.5	U	0.5	U	**8.3**		0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
trichloroethene			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U
vinyl chloride			0.5	U	0.5	U	1.9	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
November 2000

Sample Number	GSSMW1		GSSMW2		GSSMW3		GSSMW3D		GSSMW4		GSSMW5		GSSMW6		GSSMW7		GSSMW8		MW-8
Date Collected	NS		11/7/2000		11/7/2000		11/7/2000		11/7/2000		11/7/2000		11/7/2000		11/7/2000				11/7/2000
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L				ug/L
Parameters																			
1,1,1-trichloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
1,1,2,2-tetrachloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
1,1,2-trichloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
1,1-dichloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			**4.2**
1,1-dichloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
1,2-dichloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
1,2-dichloropropane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
2-butanone			5	U	5	U	5	U	5	U	5	U	5	U	5	U			5
2-hexanone			2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U			2.5
4-methyl-2-pentanone			2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U			2.5
acetone			5	U	5	U	5	U	5	U	5	U	5	U	5	U			5
benzene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
bromodichloromethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
bromoform			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
bromomethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
carbon disulfide			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
carbon tetrachloride			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
chlorobenzene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
chloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
chloroform			0.5	U	0.5	U	0.5	U	0.5	U	0.2	J	0.5	U	0.5	U			0.5
chloromethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
cis-1,2-dichloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			**76**
cis-1,3-dichloropropene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
dibromochloromethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
ethylbenzene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
methylene chloride			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
styrene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
tetrachloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
toluene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
total xylenes			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
trans-1,2-dichloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			**8.2**
trans-1,3-dichloropropene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
trichloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5
vinyl chloride			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			0.5

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
November 2000

Sample Number		GSSMW9		GSSMW10		GSSMW11		GSSMW14	
Date Collected		11/7/2000		11/7/2000		11/7/2000		11/7/2000	
Units		ug/L		ug/L		ug/L		ug/L	
Parameters									
1,1,1-trichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane		0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	U	0.5	U	0.5	U	0.5	U	0.5	U
2-butanone	U	5	U	5	U	5	U	5	U
2-hexanone	U	2.5	U	2.5	U	2.5	U	2.5	U
4-methyl-2-pentanone	U	2.5	U	2.5	U	2.5	U	2.5	U
acetone	U	5	U	5	U	5	U	5	U
benzene	U	0.5	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U
bromoform	U	0.5	U	0.5	U	0.5	U	0.5	U
bromomethane	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon disulfide	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	U	0.5	U	0.5	U	0.5	U	0.5	U
chlorobenzene	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroform	U	0.5	U	0.5	U	0.5	U	0.5	U
chloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene		0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	U	0.5	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U
ethylbenzene	U	0.5	U	0.5	U	0.5	U	0.5	U
methylene chloride	U	0.5	U	0.5	U	0.5	U	0.5	U
styrene	U	0.5	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U
toluene	U	0.5	U	0.5	U	0.5	U	0.5	U
total xylenes	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene		0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	U	0.5	U	0.5	U	0.5	U	0.5	U
trichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U
vinyl chloride	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
February 2001

	GSSMW1		GSSMW6		GSSMW8		MW-8		GSSMW9	
Sample Date	NS		02/05/01		02/05/01		02/05/01		02/05/01	
Units			ug/L		ug/L		ug/L		ug/L	
Parameter										
1,1,1-Trichloroethane			0.5	U	0.5	U	1.6	U	0.5	U
1,1,2,2-Tetrachloroethane			0.5	U	0.5	U	1.6	U	0.5	U
1,1,2-Trichloroethane			0.5	U	0.5	U	1.6	U	0.5	U
1,1-Dichloroethane			0.5	U	0.5	U	**3.3**		0.5	U
1,1-Dichloroethene			0.5	U	0.5	U	1.6	U	0.5	U
1,2-Dichloroethane			0.5	U	0.5	U	1.6	U	0.5	U
1,2-Dichloropropane			0.5	U	0.5	U	1.6	U	0.5	U
2-Butanone			5	U	5	U	16	U	5	U
2-Hexanone			2.5	U	2.5	U	8.2	U	2.5	U
4-Methyl-2-Pentanone			2.5	U	2.5	U	8.2	U	2.5	U
Acetone			5	U	5	U	16	J	5	U
Benzene			0.5	U	0.5	U	1.6	U	0.5	U
Bromodichloromethane			0.5	U	0.5	U	1.6	U	0.5	U
Bromomethane			0.5	U	0.5	U	1.6	U	0.5	U
Carbon Disulfide			0.5	U	0.5	U	1.6	U	0.5	U
Carbon Tetrachloride			0.5	U	0.5	U	1.6	U	0.5	U
Chlorobenzene			0.5	U	0.5	U	1.6	U	0.5	U
Chloroethane			0.5	U	0.5	U	1.6	U	0.5	U
Chloroform			0.5	U	0.5	U	1.6	U	0.5	U
Chloromethane			0.5	U	0.5	U	1.6	U	0.5	U
cis-1,2-Dichloroethene			0.5	U	0.5	U	**61**		0.5	U
cis-1,3-Dichloropropene			0.5	U	0.5	U	1.6	U	0.5	U
Dibromochloromethane			0.5	U	0.5	U	1.6	U	0.5	U
Ethylbenzene			0.5	U	0.5	U	1.6	U	0.5	U
Methylene Chloride			0.5	U	0.5	U	**3.5**		0.5	U
Styrene			0.5	U	0.5	U	1.6	U	0.5	U
Tetrachloroethene			0.5	U	0.5	U	1.6	U	0.5	U
Toluene			0.5	U	0.5	U	1.6	U	0.5	U
trans-1,2-Dichloroethene			0.5	U	0.5	U	**6**		0.5	U
trans-1,3-Dichloropropene			0.5	U	0.5	U	1.6	U	0.5	U
Trichloroethene			0.5	U	0.5	U	1.6	U	0.5	U
Vinyl Chloride			0.5	U	0.5	U	1.6	U	0.5	U
Xylene (total)			0.5	U	0.5	U	1.6	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 2001

Sample Number	GSSMW1		MW-1		GSSMW2		MW-2D		GSSMW3		GSSMW3D		GSSMW4		MW-4D		MW-4D2		GSSMW5	
Date Collected	NS		5/23/2001		5/23/2001		5/23/2001		5/23/2001		5/23/2001		5/23/2001		5/23/2001		5/23/2001		5/23/2001	
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																				
1,1,1-trichloroethane			**290**		0.5	U	**93**		0.5	U	0.5	U	0.5	U	**68**		0.5	U	0.5	U
1,1,2,2-tetrachloroethane			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
1,1,2-trichloroethane			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
1,1-dichloroethane			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	**14**	**J**	0.5	U	0.5	U
1,1-dichloroethene			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
1,2-dichloroethane			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
1,2-dichloropropane			5.5		0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
2-butanone			55	U	5	U	69	U	5	U	5	U	5	U	150	U	5	U	5	U
2-hexanone			28	U	2.5	U	34	U	2.5	U	2.5	U	2.5	U	73	U	2.5	U	2.5	U
4-methyl-2-pentanone			28	U	2.5	U	34	U	2.5	U	2.5	U	2.5	U	73	U	2.5	U	2.5	U
acetone			55	U	5	U	69	U	5	U	5	U	5	U	150	U	5	U	5	U
benzene			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
bromodichloromethane			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
bromoform			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
bromomethane			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
carbon disulfide			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
carbon tetrachloride			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
chlorobenzene			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
chloroethane			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
chloroform			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
chloromethane			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
cis-1,2-dichloroethene			5.5	U	0.5	U	**38**		0.5	U	0.5	U	0.5	U	**93**		0.5	U	0.5	U
cis-1,3-dichloropropene			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
dibromochloromethane			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
ethylbenzene			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
methylene chloride			**3**	**J**	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
styrene			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
tetrachloroethene			**28**		0.5	U	**230**		0.5	U	0.5	U	0.5	U	**510**		**0.26**	**J**	0.5	U
toluene			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
trans-1,2-dichloroethene			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
trans-1,3-dichloropropene			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U
trichloroethene			**110**		0.5	U	**170**		0.5	U	0.5	U	0.5	U	**320**		0.5	U	0.5	U
vinyl chloride			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	**15**		0.5	U	0.5	U
total xylenes			5.5	U	0.5	U	6.9	U	0.5	U	0.5	U	0.5	U	15	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 2001

Sample Number	MW-5		GSSMW6		MW-6		MW-6D		GSSMW7		MW-7		MW-7D		GSSMW8		MW-8		MW-8D	
Date Collected	5/23/2001		5/23/2001		5/23/2001		NS		5/23/2001		NS		5/23/2001		5/23/2001		5/23/2001		NS	
Units	ug/L		ug/L		ug/L				ug/L				ug/L		ug/L		ug/L			
Parameters																				
1,1,1-trichloroethane	**1.7**		0.5	U	**340**				0.5	U			0.5	U	0.5	U	1.6	U		
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
1,1,2-trichloroethane	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
1,1-dichloroethane	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	**4.1**			
1,1-dichloroethene	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
1,2-dichloroethane	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
1,2-dichloropropane	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
2-butanone	5	U	5	U	63	U			5	U			5	U	5	U	16	U		
2-hexanone	2.5	U	2.5	U	32	U			2.5	U			2.5	U	2.5	U	7.8	U		
4-methyl-2-pentanone	2.5	U	2.5	U	32	U			2.5	U			2.5	U	2.5	U	7.8	U		
acetone	5	U	5	U	63	U			5	U			5	U	5	U	16	U		
benzene	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
bromodichloromethane	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
bromoform	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
bromomethane	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
carbon disulfide	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
carbon tetrachloride	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
chlorobenzene	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
chloroethane	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
chloroform	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
chloromethane	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
cis-1,2-dichloroethene	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	**69**			
cis-1,3-dichloropropene	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
dibromochloromethane	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
ethylbenzene	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
methylene chloride	0.5	U	0.5	U	**3.4**	**J**			0.5	U			0.5	U	0.5	U	1.6	U		
styrene	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
tetrachloroethene	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
toluene	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
trans-1,2-dichloroethene	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	**7.4**			
trans-1,3-dichloropropene	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
trichloroethene	0.5	U	0.5	U	**31**				0.5	U			0.5	U	0.5	U	1.6	U		
vinyl chloride	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		
total xylenes	0.5	U	0.5	U	6.3	U			0.5	U			0.5	U	0.5	U	1.6	U		

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 2001

Sample Number	GSSMW9		GSSMW10		GSSMW11		GSSMW12		GSSMW13		GSSMW14		MW-P1	
Date Collected	5/23/2001		5/23/2001		5/23/2001		5/23/2001		5/23/2001		5/23/2001		5/23/2001	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters														
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**300**	
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
2-butanone	5	U	5	U	5	U	5	U	5	U	5	U	63	U
2-hexanone	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	32	U
4-methyl-2-pentanone	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	32	U
acetone	5	U	5	U	5	U	5	U	5	U	5	U	63	U
benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**2.7**	**J**
bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
carbon disulfide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
chloroform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
methylene chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**3.6**	**J**
styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**180**	
toluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**330**	
vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U
total xylenes	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	6.3	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
August 2001

Sample Number	GSSMW1		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW13		GSSMW14	
Date Collected	NS		8/1/2001		8/1/2001		8/1/2001		8/1/2001		8/1/2001		8/1/2001		8/1/2001	
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																
1,1,1-Trichloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane			0.5	U	0.5	U	**3.6**		0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Butanone			5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone			2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Methyl-2-Pentanone			2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Acetone			5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-Dichloroethene			0.5	U	0.5	U	**62**	**E**	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m- & p-Xylene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene Chloride			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Xylene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Styrene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene			0.5	U	0.5	U	**0.55**		0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene			0.5	U	0.5	U	**6.1**		0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
November 2001

Sample Number	GSSMW2		GSSMW3		GSSMW3D		GSSMW4		GSSMW5		GSSMW6		GSSMW7		GSSMW8		MW-8
Date Collected	11/28/2001		11/28/2001		11/28/2001		11/28/2001		11/28/2001		11/28/2001		11/28/2001		11/28/2001		11/28/2001
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
Parameters																	
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.9
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
2-butanone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	14
2-hexanone	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	7.2
4-methyl-2-pentanone	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	7.2
acetone	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	14
benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
carbon disulfide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
chloroform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**68**
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
methylene chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
toluene	0.5	U	0.5	U	**0.39**	**J**	0.5	U	0.5	U	0.5	U	**0.77**		0.5	U	1.4
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**7.8**
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4
xylenes (total)	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.4

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
November 2001

Sample Number		GSSMW9		GSSMW10		GSSMW11		GSSMW14		
Date Collected		11/28/2001		11/28/2001		11/28/2001		11/28/2001		
Units		ug/L		ug/L		ug/L		ug/L		
Parameters										
1,1,1-trichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	
1,1,2,2-tetrachloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	
1,1,2-trichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	
1,1-dichloroethane		0.5	U	0.5	U	0.5	U	0.5	U	
1,1-dichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	
1,2-dichloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	
1,2-dichloropropane	U	0.5	U	0.5	U	0.5	U	0.5	U	
2-butanone	U	5	U	5	U	5	U	5	U	
2-hexanone	U	2.5	U	2.5	U	2.5	U	2.5	U	
4-methyl-2-pentanone	U	2.5	U	2.5	U	2.5	U	2.5	U	
acetone	U	5	U	5	U	5	U	5	U	
benzene	U	0.5	U	0.5	U	0.5	U	0.5	U	
bromodichloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U	
bromoform	U	0.5	U	0.5	U	0.5	U	0.5	U	
bromomethane	U	0.5	U	0.5	U	0.5	U	0.5	U	
carbon disulfide	U	0.5	U	0.5	U	0.5	U	0.5	U	
carbón tetrachloride	U	0.5	U	0.5	U	0.5	U	0.5	U	
chlorobenzene	U	0.5	U	0.5	U	0.5	U	0.5	U	
chloroethane	U	0.5	U	0.5	U	0.5	U	0.5	U	
chloroform	U	0.5	U	0.5	U	0.5	U	0.5	U	
chloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U	
cis-1,2-dichloroethene		0.5	U	0.5	U	0.5	U	0.5	U	
cis-1,3-dichloropropene	U	0.5	U	0.5	U	0.5	U	0.5	U	
dibromochloromethane	U	0.5	U	0.5	U	0.5	U	0.5	U	
ethylbenzene	U	0.5	U	0.5	U	0.5	U	0.5	U	
methylene chloride	U	0.5	U	0.5	U	0.5	U	0.5	U	
styrene	U	0.5	U	0.5	U	0.5	U	0.5	U	
tetrachloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	
toluene	U	0.5	U	0.5	U	0.5	U	0.5	U	
trans-1,2-dichloroethene		0.5	U	0.5	U	0.5	U	0.5	U	
trans-1,3-dichloropropene	U	0.5	U	0.5	U	0.5	U	0.5	U	
trichloroethene	U	0.5	U	0.5	U	0.5	U	0.5	U	
vinyl chloride	U	0.5	U	0.5	U	0.5	U	0.5	U	
xylenes (total)	U	0.5	U	0.5	U	0.5	U	0.5	U	

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
February 2002

Sample Number	GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14		MW-4D		MW-4D2		MW-P1	
Date Collected	27-Feb-02		27-Feb-02		27-Feb-02		27-Feb-02		27-Feb-02		27-Feb-02		27-Feb-02		27-Feb-02		27-Feb-02	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																		
1,1,1-trichloroethane	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	**45**		0.5	U	**150**	
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
1,1,2-trichloroethane	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
1,1-dichloroethane	0.5	U	0.5	U	**4**		0.5	U	0.5	U	0.5	U	**16**		0.5	U	3.2	U
1,1-dichloroethene	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
1,2-dichloroethane	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
1,2-dichloropropane	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
2-butanone	5	U	5	U	22	U	5	U	5	U	5	U	32	U	5	U	32	U
2-hexanone	2.5	U	2.5	U	11	U	2.5	U	2.5	U	2.5	U	16	U	2.5	U	16	U
4-methyl-2-pentanone	2.5	U	2.5	U	11	U	2.5	U	2.5	U	2.5	U	16	U	2.5	U	16	U
acetone	5	U	5	U	22	U	5	U	5	U	5	U	32	U	5	U	32	U
benzene	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
bromodichloromethane	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
bromoform	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
bromomethane	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
carbon disulfide	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
carbon tetrachloride	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
chlorobenzene	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
chloroethane	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
chloroform	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
chloromethane	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
cis-1,2-dichloroethene	0.5	U	0.5	U	**68**		0.5	U	0.5	U	0.5	U	**49**		0.5	U	3.2	U
cis-1,3-dichloropropene	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
dibromochloromethane	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
ethylbenzene	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
methylene chloride	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
styrene	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
tetrachloroethene	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	**36**		0.5	U	**94**	
toluene	**0.25**	**J**	**0.35**	**J**	2.2	U	**0.34**	**J**	**0.28**	**J**	**0.46**	**J**	3.2	U	**0.41**	**J**	3.2	U
trans-1,2-dichloroethene	0.5	U	0.5	U	**6.9**		0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
trans-1,3-dichloropropene	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U
trichloroethene	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	**150**		0.5	U	**150**	
vinyl chloride	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	**7.9**		0.5	U	3.2	U
xylenes (total)	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	3.2	U	0.5	U	3.2	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - not analyzed

Granville Solvents Site Groundwater Data
May 2002

Sample Number	GSSMW1		MW-1		GSSMW2		MW-2D		MW-3		GSSMW3		GSSMW3D		GSSMW4		MW-4D		MW-4D2		GSSMW5	
Date Collected	NS		5/6/2002		5/6/2002		5/6/2002		5/6/2002		5/6/2002		5/6/2002		5/6/2002		5/6/2002		5/6/2002		5/6/2002	
Units			ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																						
1,1,1-trichloroethane			**170**		0.5	U	**55**		0.5	U	0.5	U	0.5	U	0.5	U	**37**		0.5	U	0.5	U
1,1,2,2-tetrachloroethane			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
1,1,2-trichloroethane			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
1,1-dichloroethane			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	**15**		0.5	U	0.5	U
1,1-dichloroethene			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
1,2-dichloroethane			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
1,2-dichloropropane			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
2-butanone			38	U	5	U	42	U	5	U	5	U	5	U	5	U	35	U	5	U	5	U
2-hexanone			19	U	2.5	U	21	U	2.5	U	2.5	U	2.5	U	2.5	U	18	U	2.5	U	2.5	U
4-methyl-2-pentanone			19	U	2.5	U	21	U	2.5	U	2.5	U	2.5	U	2.5	U	18	U	2.5	U	2.5	U
acetone			38	U	5	U	42	U	5	U	5	U	5	U	5	U	35	U	5	U	5	U
benzene			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
bromodichloromethane			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
bromoform			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
bromomethane			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
carbon disulfide			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
carbon tetrachloride			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
chlorobenzene			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
chloroethane			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
chloroform			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
chloromethane			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene			3.8	U	0.5	U	**13**		0.5	U	0.5	U	0.5	U	0.5	U	**27**		0.5	U	0.5	U
cis-1,3-dichloropropene			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
dibromochloromethane			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
ethylbenzene			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
methylene chloride			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
styrene			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
tetrachloroethene			**26**		0.5	U	**160**		0.5	U	0.5	U	0.5	U	0.5	U	**87**		0.5	U	0.5	U
toluene			3.8	U	0.41	J	4.2	U	0.5	U	**0.44**	**J**	0.5	U	0.5	U	3.5	U	0.42	J	0.5	U
trans-1,2-dichloroethene			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
trichloroethene			**70**		0.5	U	**120**		**1.3**		0.5	U	0.5	U	0.5	U	**150**		0.5	U	0.5	U
vinyl chloride			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U
total xylenes			3.8	U	0.5	U	4.2	U	0.5	U	0.5	U	0.5	U	0.5	U	3.5	U	0.5	U	0.5	U

Notes:

U - The parameter was not detected. The associated value is the detection limit.

J - The compound was detected, but at a concentration less than the reporting limit.

NA - Not analyzed.

Granville Solvents Site Groundwater Data
May 2002

Sample Number	MW-5		GSSMW6		MW-6		MW-6D		GSSMW7		MW-7		MW-7D		GSSMW8		MW-8		MW-8D		GSSMW9	
Date Collected	5/7/2002		5/6/2002		5/6/2002		NS		5/6/2002		NS		5/6/2002		5/6/2002		5/6/2002		NS		5/6/2002	
Units	ug/L		ug/L		ug/L				ug/L				ug/L		ug/L		ug/L				ug/L	
Parameters																						
1,1,1-trichloroethane	**1.7**		0.5	U	**230**				0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
1,1-dichloroethane	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	**2.8**				0.5	U
1,1-dichloroethene	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
1,2-dichloroethane	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
1,2-dichloropropane	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
2-butanone	5	U	5	U	60	U			5	U			5	U	5	U	8.5	U			5	U
2-hexanone	2.5	U	2.5	U	30	U			2.5	U			2.5	U	2.5	U	4.2	U			2.5	U
4-methyl-2-pentanone	2.5	U	2.5	U	30	U			2.5	U			2.5	U	2.5	U	4.2	U			2.5	U
acetone	5	U	5	U	60	U			5	U			5	U	5	U	8.5	U			5	U
benzene	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
bromodichloromethane	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
bromoform	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
bromomethane	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
carbon disulfide	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
carbon tetrachloride	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
chlorobenzene	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
chloroethane	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
chloroform	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
chloromethane	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	**45**				0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
dibromochloromethane	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
ethylbenzene	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
methylene chloride	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
styrene	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
tetrachloroethene	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
toluene	0.5	U	**0.31**	**J**	6.0	U			**0.64**				**1.3**		**0.72**		0.85	U			**0.46**	**J**
trans-1,2-dichloroethene	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	**3.8**				0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
trichloroethene	0.5	U	0.5	U	**19**				0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
vinyl chloride	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U
total xylenes	0.5	U	0.5	U	6.0	U			0.5	U			0.5	U	0.5	U	0.85	U			0.5	U

Notes:

U - The parameter was not detected. The associated value is the detection limit.

J - The compound was detected, but at a concentration less than the reporting limit.

NA - Not analyzed.

Granville Solvents Site Groundwater Data
May 2002

Sample Number	GSSMW11		GSSMW12		GSSMW13		GSSMW14		MW-P1		GSSMW10	
Date Collected	5/6/2002		5/7/2002		5/7/2002		5/6/2002		5/6/2002		5/6/2002	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters												
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	**130**		0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
2-butanone	5	U	5	U	5	U	5	U	27	U	5	U
2-hexanone	2.5	U	2.5	U	2.5	U	2.5	U	14	U	2.5	U
4-methyl-2-pentanone	2.5	U	2.5	U	2.5	U	2.5	U	14	U	2.5	U
acetone	5	U	5	U	5	U	5	U	27	U	5	U
benzene	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
bromoform	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
chloroform	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
methylene chloride	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
styrene	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	**110**		0.5	U
toluene	0.5	U	0.5	U	**0.27**	**J**	0.5	U	2.7	U	**0.38**	**J**
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	**140**		0.5	U
vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U
total xylenes	0.5	U	0.5	U	0.5	U	0.5	U	2.7	U	0.5	U

Notes:

U - The parameter was not detected. The associated value is the detection limit.

J - The compound was detected, but at a concentration less than the reporting limit.

NA - Not analyzed.

Granville Solvents Site Groundwater Data
August 2002

Sample Number		MW-4D2		MW-4D		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10*		GSSMW14*		MW-P1	
Date Collected		8/5/2002		8/5/2002		8/5/2002		8/5/2002		8/5/2002		8/5/2002		8/5/2002		8/5/2002		8/5/2002	
Units		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																			
1,1,1-trichloroethane		0.5	U	**40**		0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	**130**	D
1,1,2,2-tetrachloroethane		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
1,1,2-trichloroethane		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
1,1-dichloroethane		0.5	U	**11**		0.5	U	0.5	U	**3.7**		0.5	U	0.5	U	0.5	U	6.4	U
1,1-dichloroethene		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
1,2-dichloroethane		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
1,2-dichloropropane		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
2-butanone		5	U	46	U	5	U	5	U	22	U	5	U	5	U	5	U	64	U
2-hexanone		2.5	U	23	U	2.5	U	2.5	U	11	U	2.5	U	2.5	U	2.5	U	32	U
4-methyl-2-pentanone		2.5	U	23	U	2.5	U	2.5	U	11	U	2.5	U	2.5	U	2.5	U	32	U
acetone		5	U	**94**		5	U	5	U	**42**		5	U	5	U	5	U	64	U
benzene		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
bromodichloromethane		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
bromoform		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
bromomethane		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
carbon disulfide		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
carbon tetrachloride		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
chlorobenzene		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
chloroethane		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
chloroform		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
chloromethane		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
cis-1,2-dichloroethene		0.5	U	**33**		0.5	U	0.5	U	**60**		0.5	U	0.5	U	0.5	U	6.4	U
cis-1,3-dichloropropene		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
dibromochloromethane		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
ethylbenzene		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
methylene chloride		0.5	U	**21**		0.5	U	0.5	U	**9.7**		0.5	U	0.5	U	0.5	U	**8**	D
styrene		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
tetrachloroethene		0.5	U	**63**		0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	**100**	D
toluene		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
trans-1,2-dichloroethene		0.5	U	4.6	U	0.5	U	0.5	U	**5**		0.5	U	0.5	U	0.5	U	6.4	U
trans-1,3-dichloropropene		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
trichloroethene		0.5	U	**150**		0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	**120**	D
vinyl chloride		0.5	U	**3.6**	J	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U
total xylenes		0.5	U	4.6	U	0.5	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	6.4	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
D - Concentrations identified from analysis of sample at secondary dilution.
* Sample was reanalyzed; reanalysis result is reported.
NA - Not analyzed.

Granville Solvents Site Groundwater Data
November 2002

	GSSMW2		GSSMW3		GSSMW3D		MW-4D2		MW-4D		GSSMW4		GSSMW5		GSSMW6	
Date Collected	11/5/2002		11/6/2002		11/6/2002		11/6/2002		11/6/2002		11/6/2002		11/6/2002		11/6/2002	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	**130**		0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	**37**		0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
2-butanone	5.0	U	5.0	U	5.0	U	5.0	U	64	U	5.0	U	5.0	U	5.0	U
2-hexanone	5.0	U	5.0	U	5.0	U	5.0	U	64	U	5.0	U	5.0	U	5.0	U
4-methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U	64	U	5.0	U	5.0	U	5.0	U
acetone	5.0	U	5.0	U	5.0	U	5.0	U	64	U	5.0	U	5.0	U	5.0	U
benzene	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	**7.3**		0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	**34**		0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
methylene chloride	**0.24**	J	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	**59**		0.5	U	0.5	U	0.5	U
toluene	**0.28**	J	0.5	U	0.5	U	0.5	U	6.4	U	**0.55**		0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	**340**		0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	**8.4**		0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	0.5	U	0.5	U	6.4	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
D - Concentrations identified from analysis of sample at secondary dilution.
* Sample was reanalyzed; reanalysis result is reported.
NA - Not analyzed.

Granville Solvents Site Groundwater Data
November 2002

	GSSMW7		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW11		GSSMW14		MW-P1	
Date Collected	11/6/2002		11/5/2002		11/5/2002		11/5/2002		11/5/2002		11/5/2002		11/5/2002		11/6/2002	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																
1,1,1-trichloroethane	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**82**	
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
1,1,2-trichloroethane	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
1,1-dichloroethane	0.5	U	0.5	U	**3.7**		0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
1,1-dichloroethene	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
1,2-dichloroethane	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
1,2-dichloropropane	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
2-butanone	5.0	U	5.0	U	15	U	5.0	U	5.0	U	5.0	U	5.0	U	26	U
2-hexanone	5.0	U	5.0	U	15	U	5.0	U	5.0	U	5.0	U	5.0	U	26	U
4-methyl-2-pentanone	5.0	U	5.0	U	15	U	5.0	U	5.0	U	5.0	U	5.0	U	26	U
acetone	5.0	U	5.0	U	15	U	5.0	U	5.0	U	5.0	U	5.0	U	26	U
benzene	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
bromodichloromethane	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
bromoform	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
bromomethane	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
carbon disulfide	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
carbon tetrachloride	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
chlorobenzene	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
chloroethane	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
chloroform	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
chloromethane	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
cis-1,2-dichloroethene	0.5	U	0.5	U	**67**		0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
cis-1,3-dichloropropene	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
dibromochloromethane	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
ethylbenzene	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
methylene chloride	0.5	U	0.5	U	1.5	J	0.5	U	0.5	U	0.5	U	0.5	U	**1.9**	J
styrene	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
tetrachloroethene	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**120**	
toluene	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
trans-1,2-dichloroethene	0.5	U	0.5	U	**6.8**		0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
trans-1,3-dichloropropene	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
trichloroethene	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**110**	
vinyl chloride	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U
total xylenes	0.5	U	0.5	U	1.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.6	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
D - Concentrations identified from analysis of sample at secondary dilution.
* Sample was reanalyzed; reanalysis result is reported.
NA - Not analyzed.

Granville Solvents Site Groundwater Data
February 2003

		MW-4D2		MW-4D		MW-6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14		MW-P1	
Date Collected		2/26/2003		2/26/2003		2/26/2003		2/26/2003		2/26/2003		2/26/2003		2/26/2003		2/26/2003		2/26/2003	
Units		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																			
1,1,1-trichloroethane		0.5	U	**35**		0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	**86**	
1,1,2,2-tetrachloroethane		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
1,1,2-trichloroethane		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
1,1-dichloroethane		0.5	U	**6.4**		0.5	U	0.5	U	**4.3**		0.5	U	0.5	U	0.5	U	2.6	U
1,1-dichloroethene		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
1,2-dichloroethane		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
1,2-dichloropropane		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
2-butanone		5.0	U	32	U	5.0	U	5.0	U	18	U	5.0	U	5.0	U	5.0	U	26	U
2-hexanone		2.5	U	16	U	2.5	U	2.5	U	9.0	U	2.5	U	2.5	U	2.5	U	13	U
4-methyl-2-pentanone		2.5	U	16	U	2.5	U	2.5	U	9.0	U	2.5	U	2.5	U	2.5	U	13	U
acetone		5.0	U	32	U	5.0	U	5.0	U	18	U	5.0	U	5.0	U	5.0	U	26	J
benzene		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
bromodichloromethane		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
bromoform		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
bromomethane		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
carbon disulfide		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
carbon tetrachloride		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
chlorobenzene		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
chloroethane		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
chloroform		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
chloromethane		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
cis-1,2-dichloroethene		0.5	U	**48**		0.5	U	0.5	U	**77**		0.5	U	0.5	U	0.5	U	2.6	U
cis-1,3-dichloropropene		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
dibromochloromethane		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
ethylbenzene		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
methylene chloride		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
styrene		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
tetrachloroethene		0.5	U	**40**		0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	**100**	
toluene		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
trans-1,2-dichloroethene		0.5	U	3.2	U	0.5	U	0.5	U	**7.8**		0.5	U	0.5	U	0.5	U	2.6	U
trans-1,3-dichloropropene		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
trichloroethene		0.5	U	**120**		0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	**88**	
vinyl chloride		0.5	U	**18**		0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U
total xylenes		0.5	U	3.2	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	2.6	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - Not analyzed.

Granville Solvents Site Groundwater Data
May 2003

	MW-1		GSSMW2		MW-2D		GSSMW3		GSSMW3D		MW-4D2		MW-4D		GSSMW4		GSSMW5		MW-5		GSSMW6	
Date Collected	5/6/2003		5/5/2003		5/6/2003		5/5/2003		5/5/2003		5/6/2003		5/6/2003		5/5/2003		5/5/2003		5/6/2003		5/5/2003	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																						
1,1,1-trichloroethane	**120**	E	0.5	U	**40**		0.5	U	0.5	U	0.5	U	**59**		0.5	U	0.5	U	**0.91**		0.5	U
1,1,2,2-tetrachloroethane	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	**18**		0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethene	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
2-butanone	14	U	5.0	U	22	U	5.0	U	5.0	U	5.0	U	48	U	5.0	U	5.0	U	5.0	U	5.0	U
2-hexanone	7.2	U	2.5	U	11	U	2.5	U	2.5	U	2.5	U	24	U	2.5	U	2.5	U	2.5	U	2.5	U
4-methyl-2-pentanone	7.2	U	2.5	U	11	U	2.5	U	2.5	U	2.5	U	24	U	2.5	U	2.5	U	2.5	U	2.5	U
acetone	14	U	5.0	U	22	U	5.0	U	5.0	U	5.0	U	48	U	5.0	U	5.0	U	5.0	U	5.0	U
benzene	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
bromoform	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
bromomethane	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon disulfide	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
chlorobenzene	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroethane	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroform	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
chloromethane	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	1.4	U	0.5	U	**9.8**		0.5	U	0.5	U	0.5	U	**32**		0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
ethylbenzene	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
methylene chloride	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.2	J	0.5	U	0.5	U	0.5	U	0.5	U
styrene	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	**18**		0.5	U	**130**		0.5	U	0.5	U	0.5	U	**59**		0.5	U	0.5	U	0.5	U	0.5	U
toluene	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-dichloroethene	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U
trichloroethene	**53**		0.5	U	**90**		0.5	U	0.5	U	0.5	U	**190**		0.5	U	0.5	U	0.5	U	0.5	U
vinyl chloride	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	**9.3**		0.5	U	0.5	U	0.5	U	0.5	U
total xylenes	1.4	U	0.5	U	2.2	U	0.5	U	0.5	U	0.5	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - Not analyzed.

Granville Solvents Site Groundwater Data
May 2003

	MW-6		GSSMW7		MW-7D		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW11		GSSMW12		GSSMW13		GSSMW14		MW-P1	
Date Collected	5/5/2003		5/5/2003		5/5/2003		5/5/2003		5/5/2003		5/5/2003		5/5/2003		5/5/2003		5/6/2003		5/6/2003		5/5/2003		5/6/2003	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																								
1,1,1-trichloroethane	**200**		0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**100**	
1,1,2,2-tetrachloroethane	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
1,1,2-trichloroethane	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
1,1-dichloroethane	4.8	U	0.5	U	0.5	U	0.5	U	**4.2**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
1,1-dichloroethene	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
1,2-dichloroethane	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
1,2-dichloropropane	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
2-butanone	48	U	5.0	U	5	U	5.0	U	18	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	47	U
2-hexanone	24	U	2.5	U	2.5	U	2.5	U	9.2	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	24	U
4-methyl-2-pentanone	24	U	2.5	U	2.5	U	2.5	U	9.2	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	24	U
acetone	33	J	5.0	U	5	U	5.0	U	18	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	30	J
benzene	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
bromodichloromethane	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
bromoform	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
bromomethane	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
carbon disulfide	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
carbon tetrachloride	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
chlorobenzene	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
chloroethane	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
chloroform	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
chloromethane	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
cis-1,2-dichloroethene	4.8	U	0.5	U	0.5	U	0.5	U	**69**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
cis-1,3-dichloropropene	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
dibromochloromethane	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
ethylbenzene	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
methylene chloride	4.5	J	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.3	J
styrene	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
tetrachloroethene	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**100**	
toluene	4.8	U	0.5	U	0.5	U	**1.8**		1.8	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
trans-1,2-dichloroethene	4.8	U	0.5	U	0.5	U	0.5	U	**7.0**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
trans-1,3-dichloropropene	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
trichloroethene	**20**		0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**88**	
vinyl chloride	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U
total xylenes	4.8	U	0.5	U	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	4.7	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - Not analyzed.

Granville Solvents Site Groundwater Data
August 2003

	MW-4D		MW-4D2		GSSMW6		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW14		MW-P1	
Date Collected	8/27/2003		8/27/2003		8/27/2003		8/27/2003		8/27/2003		8/27/2003		8/27/2003		8/27/2003		8/27/2003	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters																		
1,1,1-trichloroethane	**42**		0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	**60**	
1,1,2,2-tetrachloroethane	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
1,1,2-trichloroethane	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
1,1-dichloroethane	**13**		0.5	U	0.5	U	0.5	U	**3.5**		0.5	U	0.5	U	0.5	U	3.0	U
1,1-dichloroethene	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
1,2-dichloroethane	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
1,2-dichloropropane	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
2-butanone	34	U	5.0	U	5.0	U	5.0	U	12	U	5.0	U	5.0	U	5.0	U	30	U
2-hexanone	17	U	2.5	U	2.5	U	2.5	U	6.0	U	2.5	U	2.5	U	2.5	U	15	U
4-methyl-2-pentanone	17	U	2.5	U	2.5	U	2.5	U	6.0	U	2.5	U	2.5	U	2.5	U	15	U
acetone	34	U	5.0	U	5.0	U	5.0	U	12	U	5.0	U	5.0	U	5.0	U	30	U
benzene	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
bromodichloromethane	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
bromoform	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
bromomethane	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
carbon disulfide	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
carbon tetrachloride	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
chlorobenzene	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
chloroethane	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
chloroform	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
chloromethane	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
cis-1,2-dichloroethene	**47**		0.5	U	0.5	U	0.5	U	**56**		0.5	U	0.5	U	0.5	U	3.0	U
cis-1,3-dichloropropene	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
dibromochloromethane	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
ethylbenzene	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
methylene chloride	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
styrene	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
tetrachloroethene	**45**		0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	**110**	
toluene	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
trans-1,2-dichloroethene	**1.5**	J	0.5	U	0.5	U	0.5	U	**6.4**		0.5	U	0.5	U	0.5	U	3.0	U
trans-1,3-dichloropropene	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
trichloroethene	**120**		0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	**56**	
vinyl chloride	**12**		0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U
total xylenes	3.4	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U	0.5	U	3.0	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
NA - Not analyzed.

Granville Solvents Site Groundwater Data
November 2003

	GSSMW2		GSSMW3		GSSMW3D		GSSMW4		GSSMW5		GSSMW6	
Date Collected	11/12/2003		11/12/2003		11/12/2003		11/12/2003		11/12/2003		11/12/2003	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters												
1,1,1-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-butanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-hexanone	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-methyl-2-pentanone	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
acetone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
methylene chloride	**0.24**	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
toluene	**0.28**	J	0.5	U	0.5	U	**0.55**		0.5	U	0.5	U
trans-1,2-dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
D - Concentrations identified from analysis of sample at secondary dilution.
NA - Not analyzed.

Granville Solvents Site Groundwater Data
November 2003

	GSSMW7		GSSMW8		MW-8		GSSMW9		GSSMW10		GSSMW11		GSSMW14	
Date Collected	11/12/2003		11/11/2003		11/11/2003		11/11/2003		11/11/2003		12/2/2003		11/12/2003	
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Parameters														
1,1,1-trichloroethane	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-tetrachloroethane	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-trichloroethane	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethane	0.5	U	0.5	U	4.0	D	0.5	U	0.5	U	0.5	U	0.5	U
1,1-dichloroethene	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloroethane	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-dichloropropane	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
2-butanone	5.0	U	5.0	U	18	U	5.0	U	5.0	U	5.0	U	5.0	U
2-hexanone	2.5	U	2.5	U	9.2	U	2.5	U	2.5	U	2.5	U	2.5	U
4-methyl-2-pentanone	2.5	U	2.5	U	9.2	U	2.5	U	2.5	U	2.5	U	2.5	U
acetone	5.0	U	5.0	U	81	D	5.0	U	5.0	U	5.0	U	5.0	U
benzene	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
bromodichloromethane	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
bromoform	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
bromomethane	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon disulfide	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
carbon tetrachloride	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
chlorobenzene	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroethane	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
chloroform	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
chloromethane	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-dichloroethene	0.5	U	0.5	U	74	D	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-dichloropropene	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
dibromochloromethane	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
ethylbenzene	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
methylene chloride	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
styrene	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
tetrachloroethene	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
toluene	0.71		0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.67	
trans-1,2-dichloroethene	0.5	U	0.5	U	7.2	D	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-dichloropropene	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
trichloroethene	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
vinyl chloride	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U
total xylenes	0.5	U	0.5	U	1.8	U	0.5	U	0.5	U	0.5	U	0.5	U

Notes:
U - The parameter was not detected. The associated value is the detection limit.
J - The compound was detected, but at a concentration less than the reporting limit.
D - Concentrations identified from analysis of sample at secondary dilution.
NA - Not analyzed.

Appendix E – GSSMW-15 Well Log and Drilling Report

DNR 7802.05

TYPE OR USE PEN
SELF TRANSCRIBING
PRESS HARD

WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources
Division of Water, 2045 Morse Road
Columbus, Ohio 43229-6605 Voice (614) 265-6740 Fax (614) 265-6767

0998829

WELL LOCATION

County: LICKING Township: GRANVILLE

Owner/Builder (Circle One or Both): GRANVILLE SOLVENTS PRP GROUP (First / Last)

Address of Well Location: 300 PALMER LANE (Number / Street Name)

City: GRANVILLE Zip Code +4: 43023

Permit No.: N/A Section/Lot No. (Circle One or Both):

Location of Well in State Plane coordinates, if available: Use of Well: MONITORING

N ☐ X _____ . _____ +/- _____ ft. or m

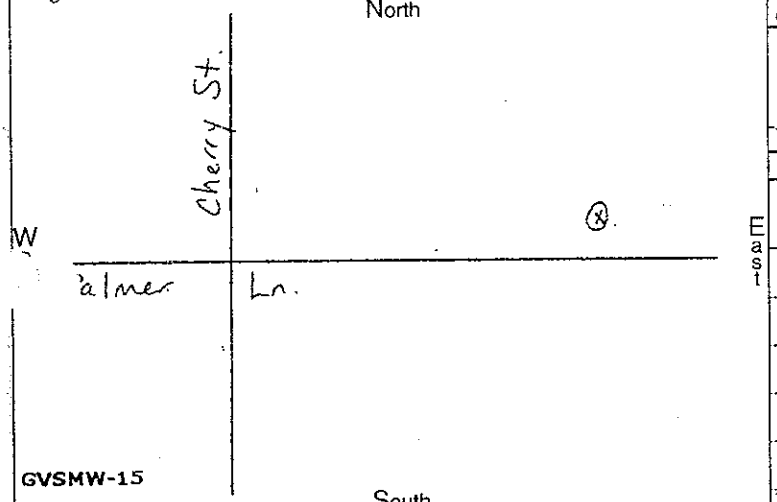
S ☐ Y _____ . _____ +/- _____ ft. or m

Elevation of Well _____ . _____ +/- _____ ft. or m

Datum Plain: ☐ NAD27 ☐ NAD83 Elevation Source _____

Source of Coordinates: ☒ GPS ☐ Survey ☐ Other _____

Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat 40-03.908 Long 82-31.570



WELL TEST*

Pre-Pumping Static Level 12 ft. Date 09-08-05

Measured from: ☐ Top of Casing ☐ Ground Level ☐ Other _____

☐ Air ☐ Bailing ☐ Pumping* ☐ Other _____

Test Rate _____ gpm Duration of Test _____ hrs.

Feet of Drawdown _____ ft. Sustainable Yield _____ gpm

*(Attach a copy of the pumping test record, per section 1521.05, ORC)

Is Copy Attached? ☐ Yes ☐ No Flowing Well? ☐ Yes ☐ No

Quality _____

PUMP/PITLESS

Type of pump _____ Capacity _____ gpm

Pump set at _____ ft. Pitless Type _____

Pump installed by _____

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm: FRONTZ DRILLING, INC.

Address: 2031 MILLERSBURG RD

State, Zip: WOOSTER, OH 44691

Signed: Brad Kutch Date: 10-03-05

ODH Registration Number: 120

CONSTRUCTION DETAILS

☐ Rotary ☐ Cable ☒ Augered ☐ Driven ☐ Other _____

BOREHOLE/CASING (measured from ground surface)

1☐ Borehole Diameter 8 inches Depth 34 ft.

Casing Diameter 2 in. Length 24 ft. Thickness SCH-40 in.

2☐ Borehole Diameter _____ inches Depth _____ ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

Casing Height Above Ground 0 ft.

Type: 1☐ 2☐ Steel; 1☐ 2☐ Galv.; 1☒ 2☐ PVC; 1☐ 2☐ Other _____

Joints: 1☒ 2☐ Threaded; 1☐ 2☐ Welded; 1☐ 2☐ Solvent; 1☐ 2☐ Other _____

SCREEN

Diameter 2" Slot Size .010 Screen Length 10 ft.

Type SLOTTED Material PVC

Set Between 34 ft. and 24 ft.

GRAVEL PACK (Filter Pack)

Material/Size #4 SIDLEY SAND Volume/Weight Used 150 LBS.

Method of Installation POURED

Depth: Placed FROM 34 ft. TO 22 ft.

GROUT

Material BENTONITE Volume/Weight Used 150 LBS.

Method of Installation PRESSURE THRU TREMIE

Depth: Placed FROM 22 ft. TO 1 ft.

DRILLING LOG*

INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.

Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc.	From	To
Brown Sandy Clay	0	24
Brown Sandy/Silty Clay	24	28
Brown Sand/Gravel	28.0	35

*(If more space is needed to complete drilling log, use next consecutively numbered form.)

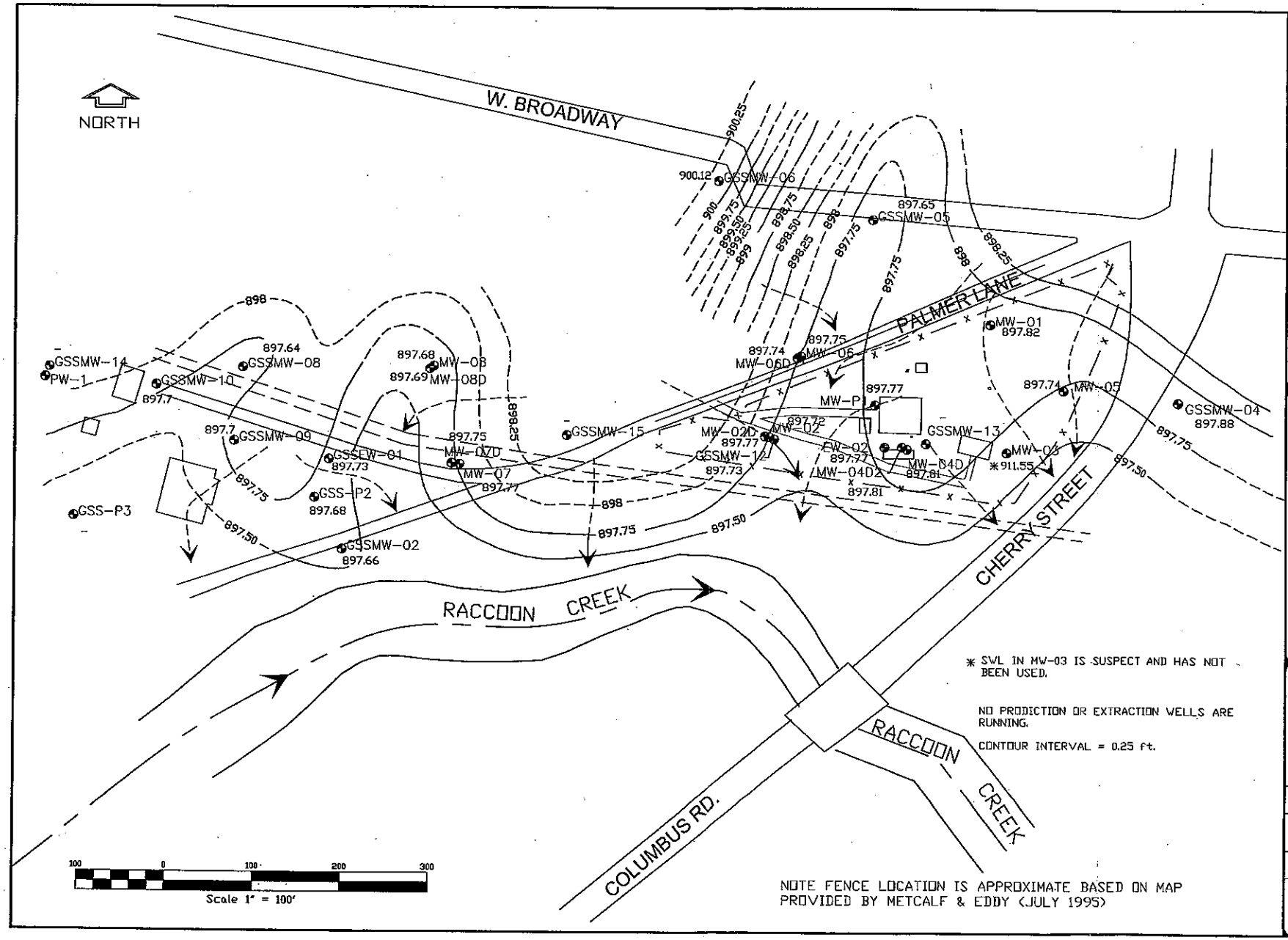
Date of Well Completion 09-06-05 Total Depth of Well 34 ft.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 2045 MORSE ROAD, COLS., OHIO 43229-6605

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy

Appendix F – Potentiometric Surface Maps 2005 – 2009



* SWL IN MW-03 IS SUSPECT AND HAS NOT BEEN USED.

NO PRODICTION OR EXTRACTION WELLS ARE RUNNING.

CONTOUR INTERVAL = 0.25 ft.

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE
AUGUST 10-11, 2005

SHARP
AND ASSOCIATES, INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.sharpenv.com

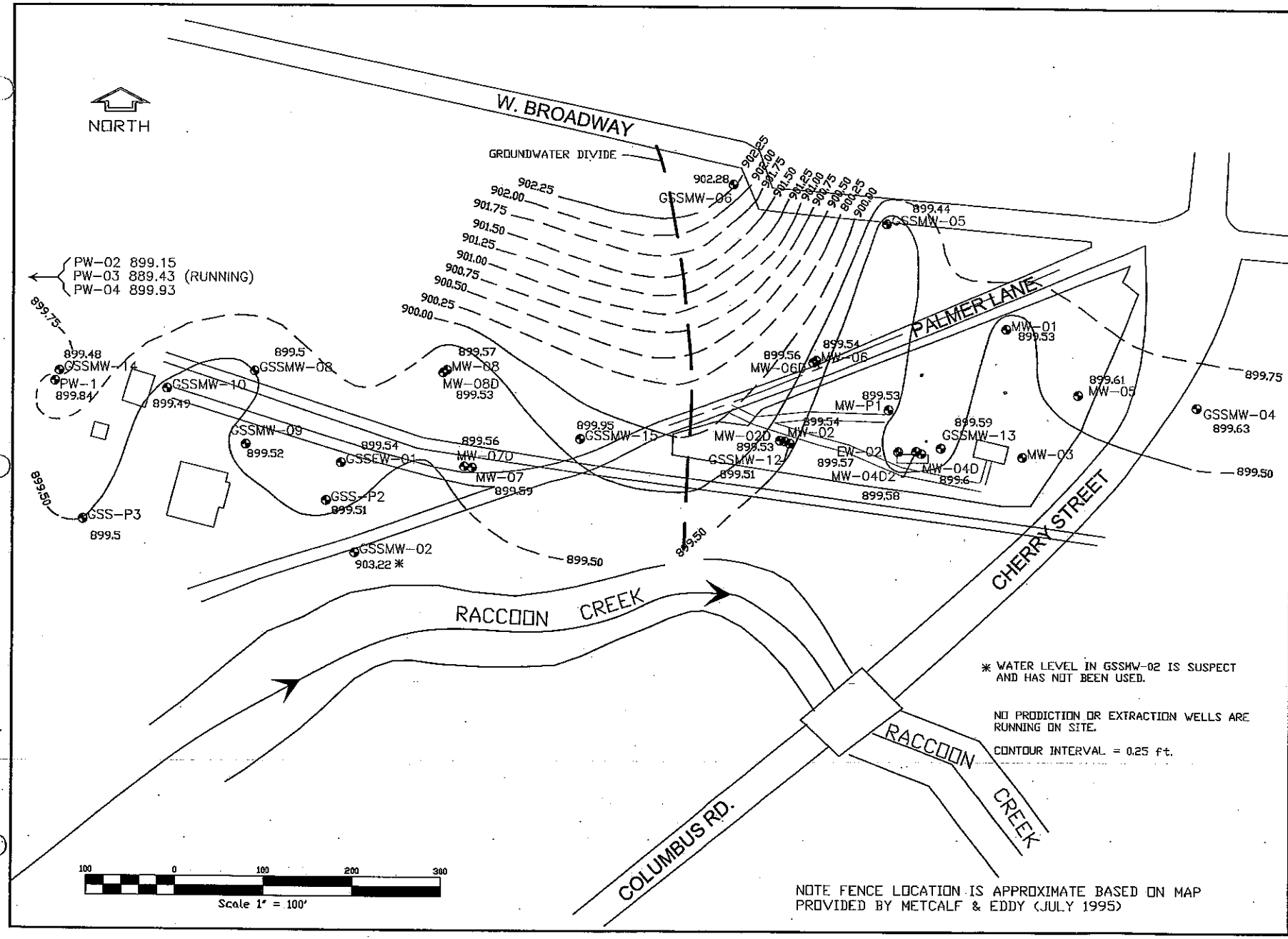
File Name
5134-10-2005_SP

Project No.
5134

Sheet 1 of 1

Figure 1

Revision 0



* WATER LEVEL IN GSSMW-02 IS SUSPECT AND HAS NOT BEEN USED.

NO PRODICTION OR EXTRACTION WELLS ARE RUNNING ON SITE.

CONTOUR INTERVAL = 0.25 ft.

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE
FEBRUARY 8, 2006

LOS ALAMOS TECHNICAL ASSOCIATES INC.
755 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

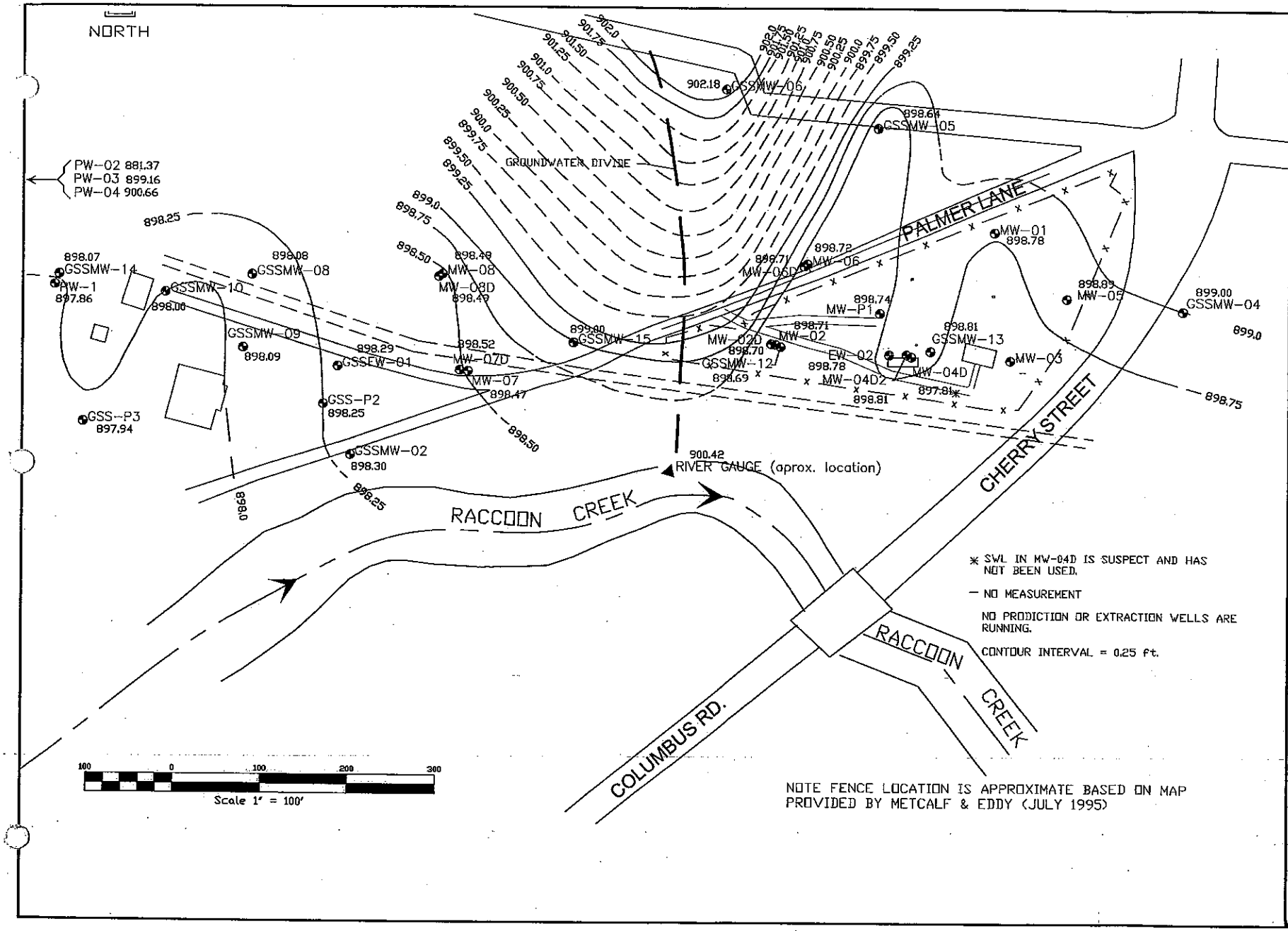
File Name
5134-POT_04-2006

Project No.
5134

Sheet 1 of 1

Figure 1

Revision 0



Rev.	Date	REVISION DESCRIPTION	Description	Design	Drawn	Check
0	XX-XX-02			XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE
APRIL 26, 2006

LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

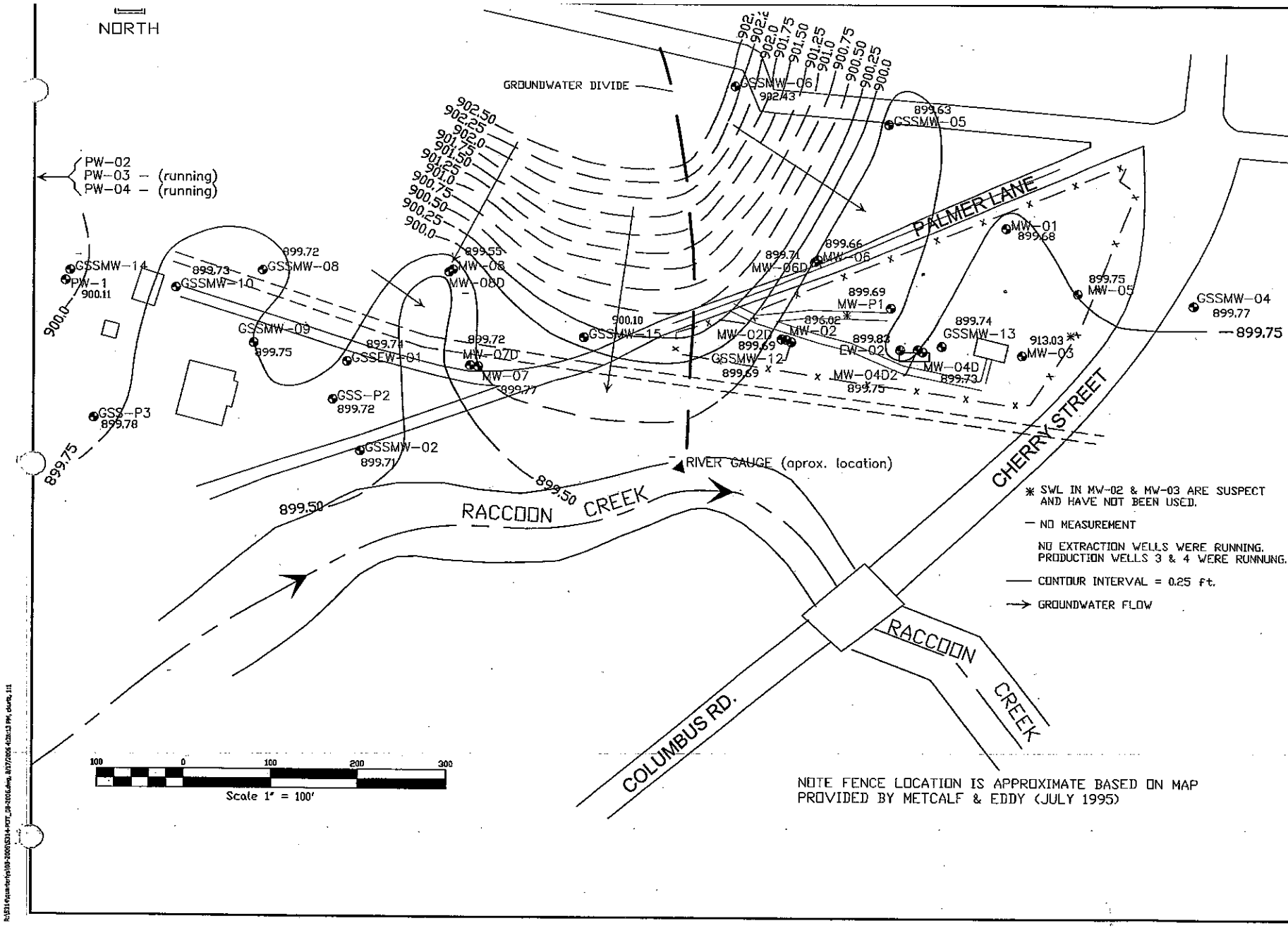
File Name
5314-POT_04-2006

Project No.
5134

Sheet 1 of 1

Figure 1A

Revision 0



* SWL IN MW-02 & MW-03 ARE SUSPECT AND HAVE NOT BEEN USED.

– NO MEASUREMENT

NO EXTRACTION WELLS WERE RUNNING. PRODUCTION WELLS 3 & 4 WERE RUNNUNG.

—— CONTOUR INTERVAL = 0.25 ft.

→ GROUNDWATER FLOW

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	REVISION DESCRIPTION	Design	Drawn	Check
0	XX-XX-02	Description	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE
JULY 14, 2006

LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

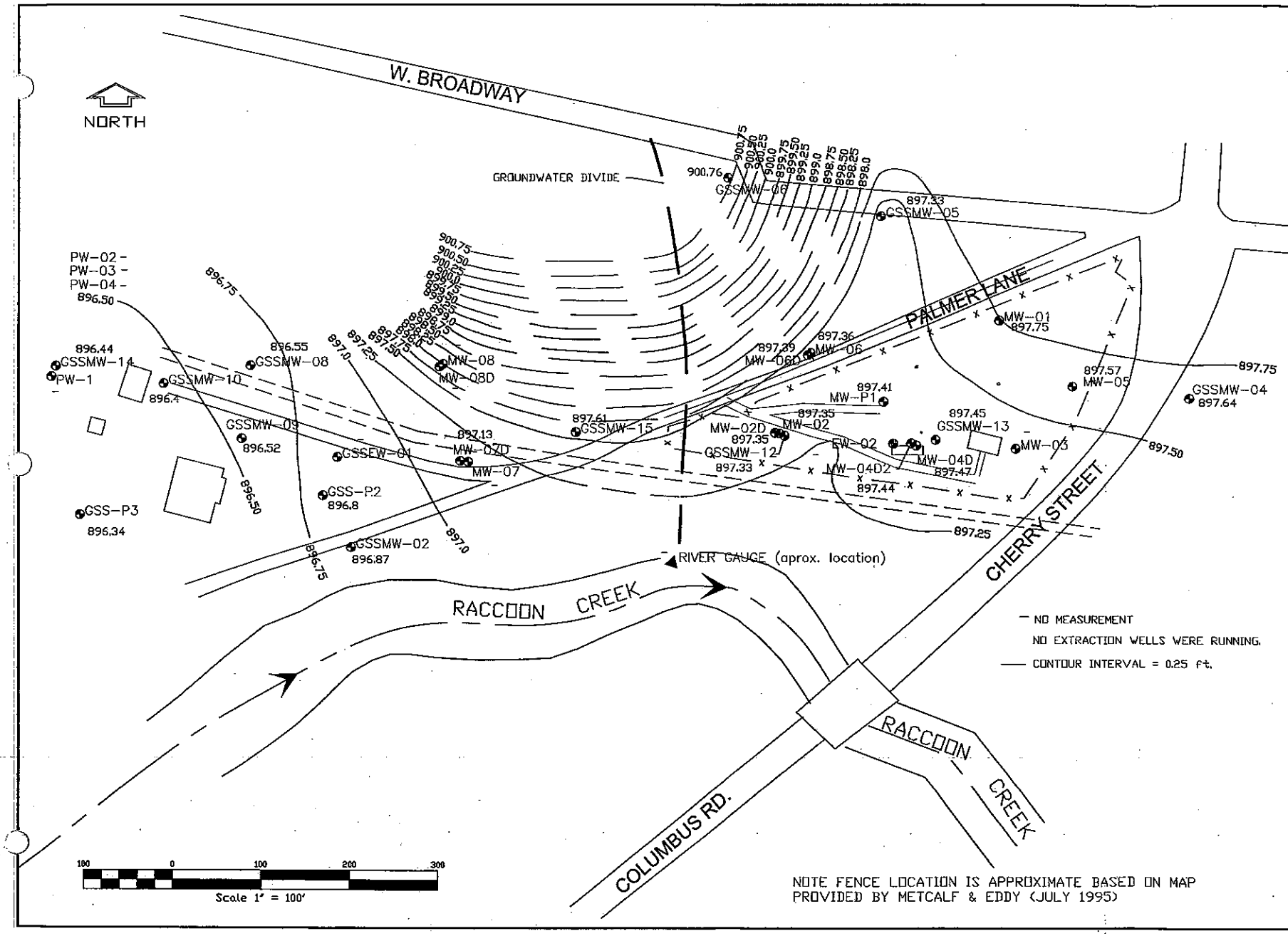
File Name
5314-POT_04-2006

Project No.
5314

Sheet 1 of 1

Figure 2

Revision 0



Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE
SEPTEMBER 14, 2006

LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

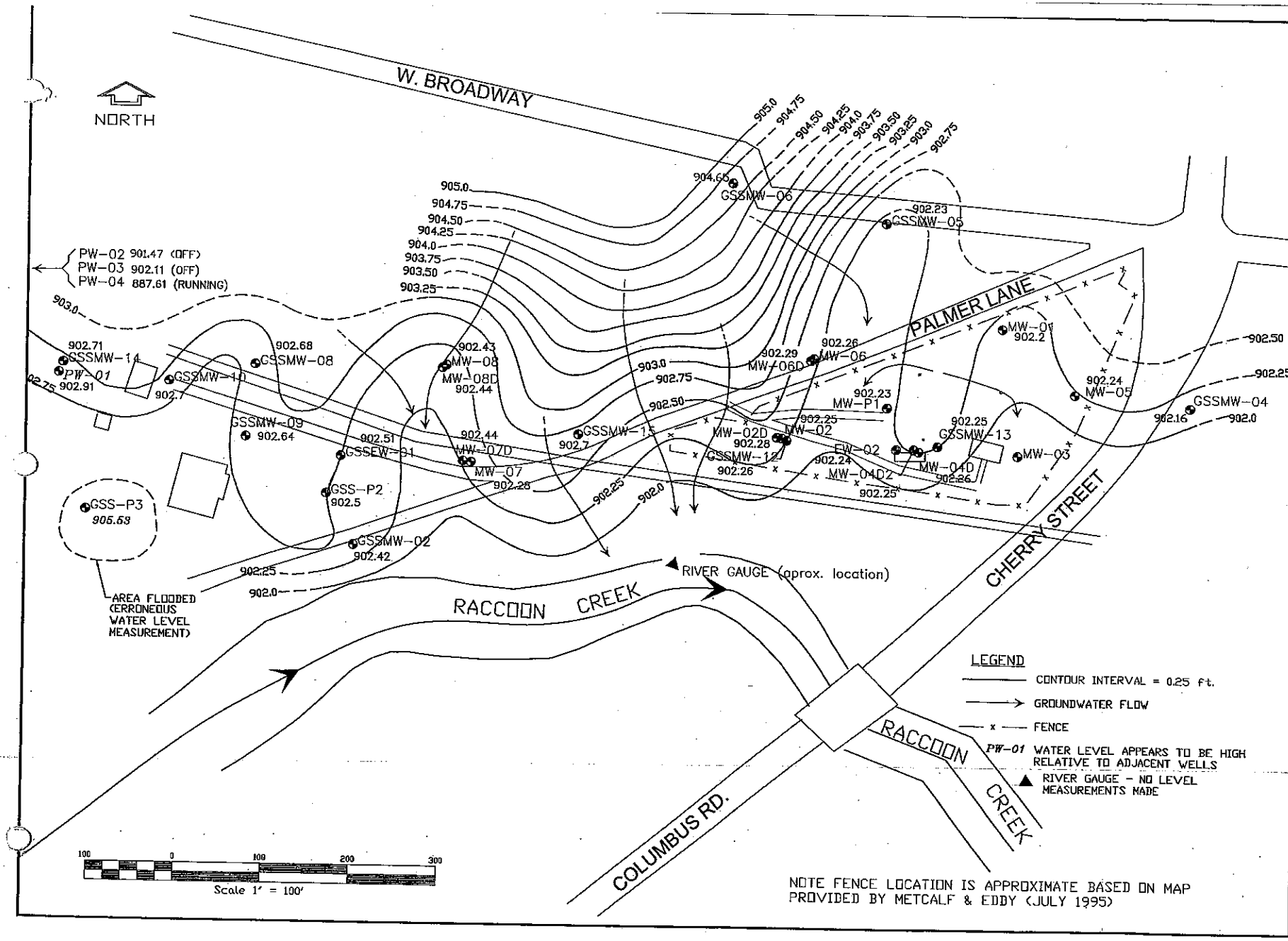
File Name
5314-POT_04-2006

Project No.
5314

Sheet 1 of 1

Figure 2A

Revision 0



Rev.	Date	REVISION DESCRIPTION	Description	Design	Drawn	Check
0	XX-XX-02			XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE
JANUARY 17, 2007

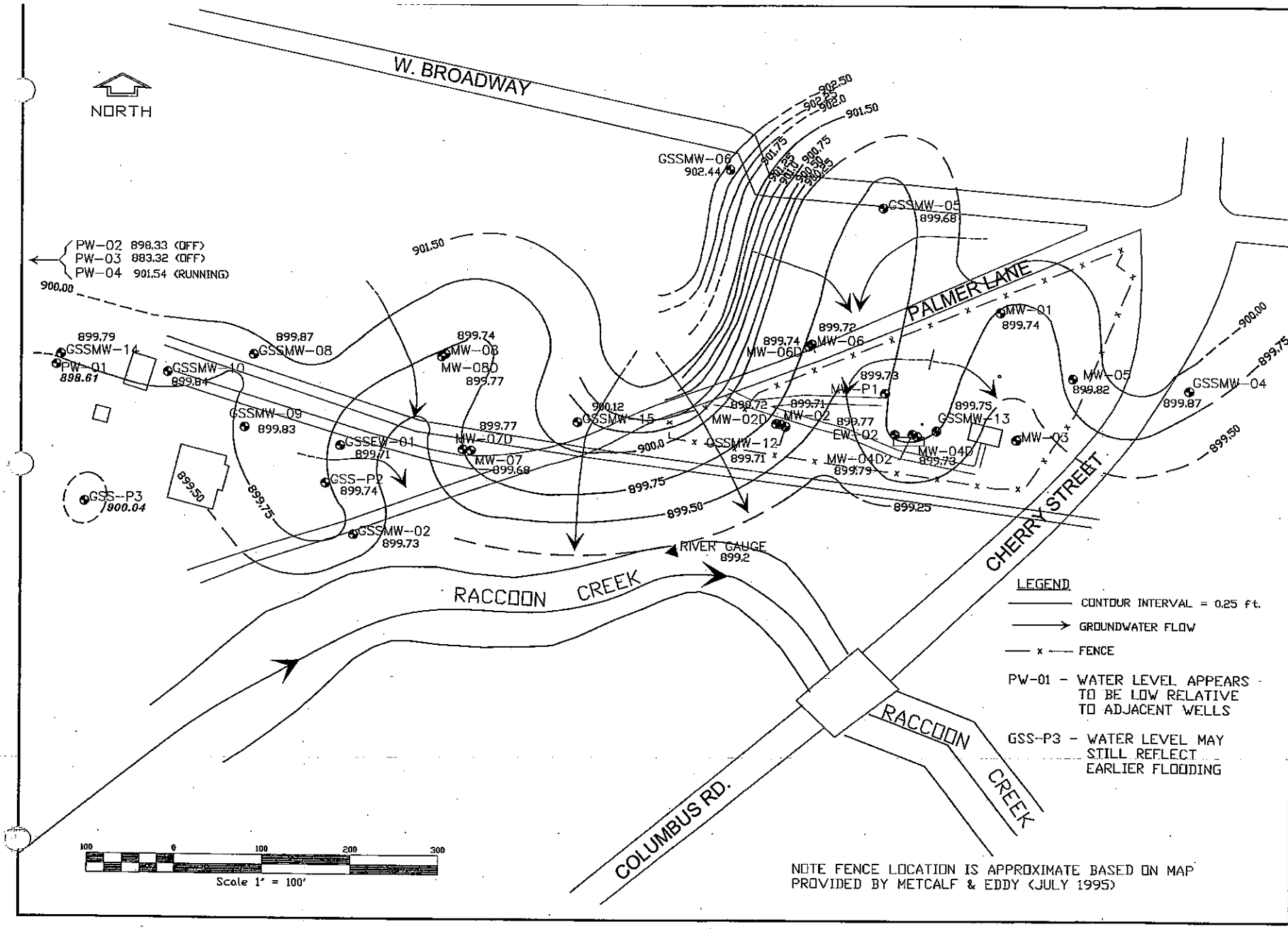
LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

File Name
5314-POT_04-2006

Project No.
5314

Sheet 1 of 1

Figure	Revision
1	0



Rev.	Date	Description	Design	Drawn	Check

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE
MAY 16, 2007

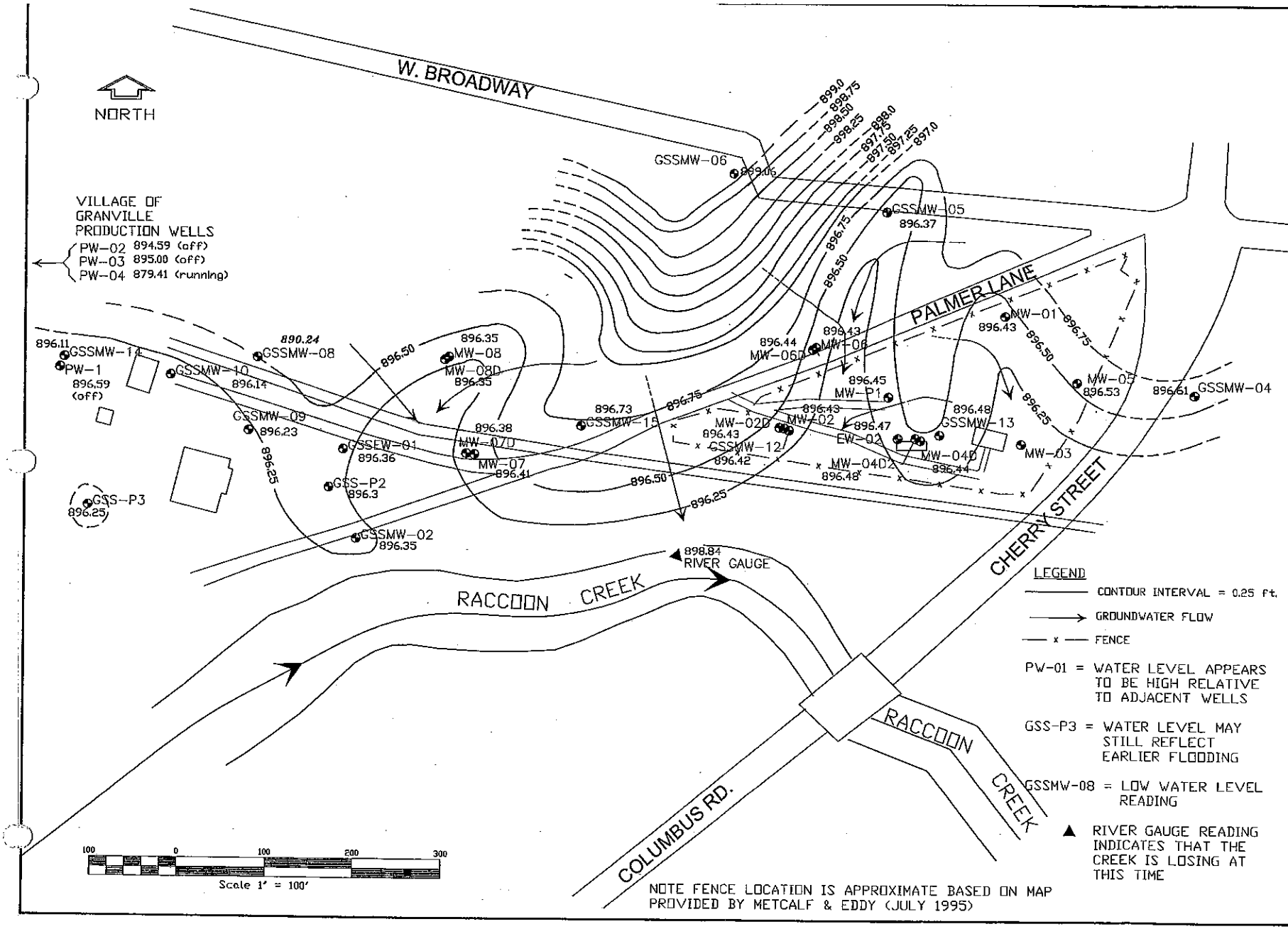
LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

File Name
5314-POT_05-2007

Project No.
5314

Sheet 1 of 1

Figure	Revision
1A	0



Rev.	Date	Description	Design	Drawn	Check

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE
SEPTEMBER 26, 2007

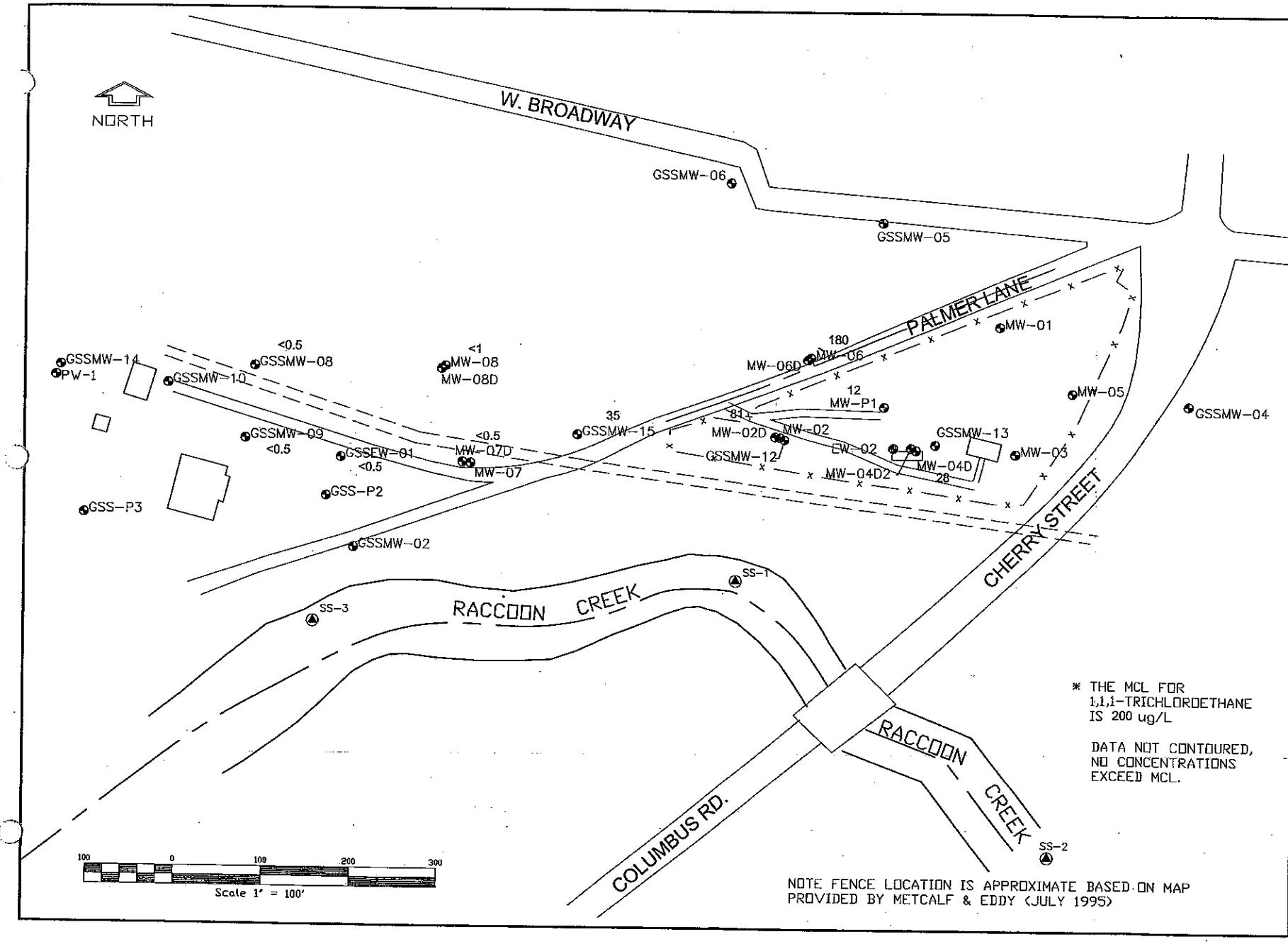
LATA
LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

File Name
5314-POT_09-26-2007

Project No.
5314

Sheet 1 of 1

Figure	Revision
2	0



* THE MCL FOR 1,1,1-TRICHLOROETHANE IS 200 ug/L

DATA NOT CONTOURED, NO CONCENTRATIONS EXCEED MCL.

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	REVISION DESCRIPTION	Design	Drawn	Check
0	XX-XX-02	Description	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

1,1,1-TRICHLOROETHANE CONCENTRATION MAP
APRIL 2008

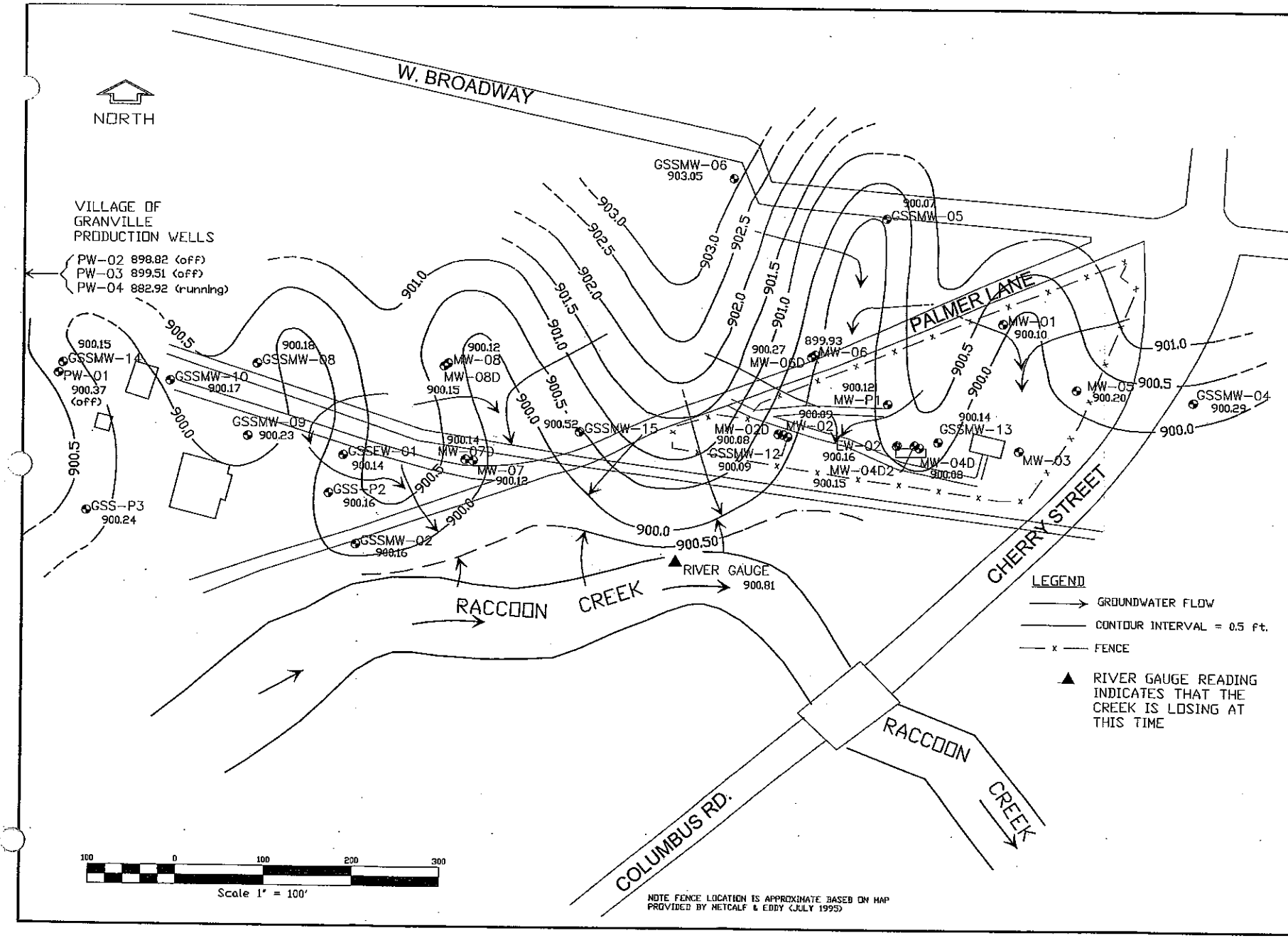
LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

File Name
5314-111tca_9-2008

Project No.
5314

Sheet 1 of 1

Figure	Revision
3	0



Rev.	Date	Description	Design	Drawn	Check

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE
MAY 9, 2008

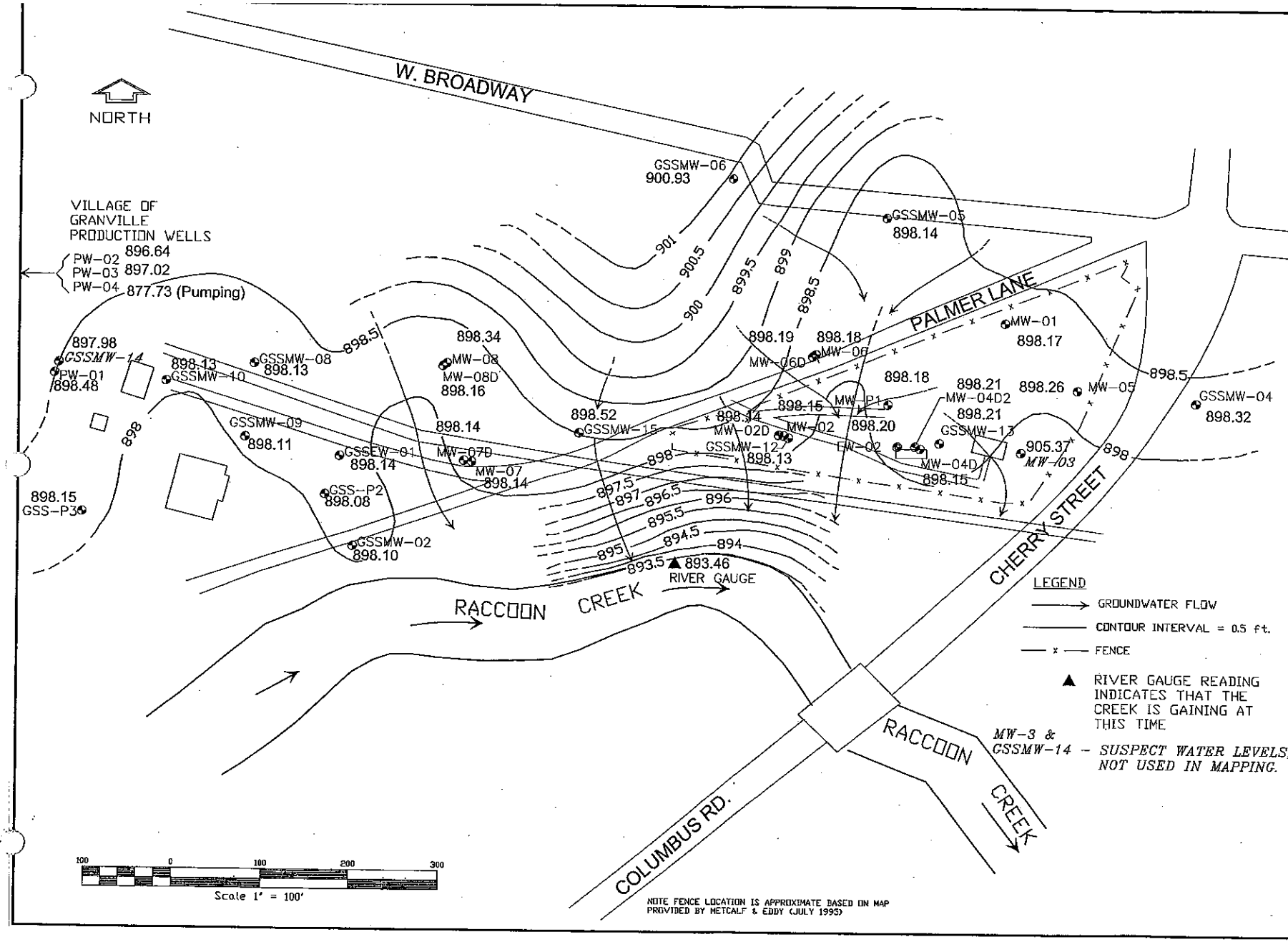
LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

File Name
5314-POT_05-2008

Project No.
5314

Sheet 1 of 1

Figure	Revision
1	0



Rev.	Date	Description	Design	Drawn	Check

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE
SEPTEMBER 4, 2008

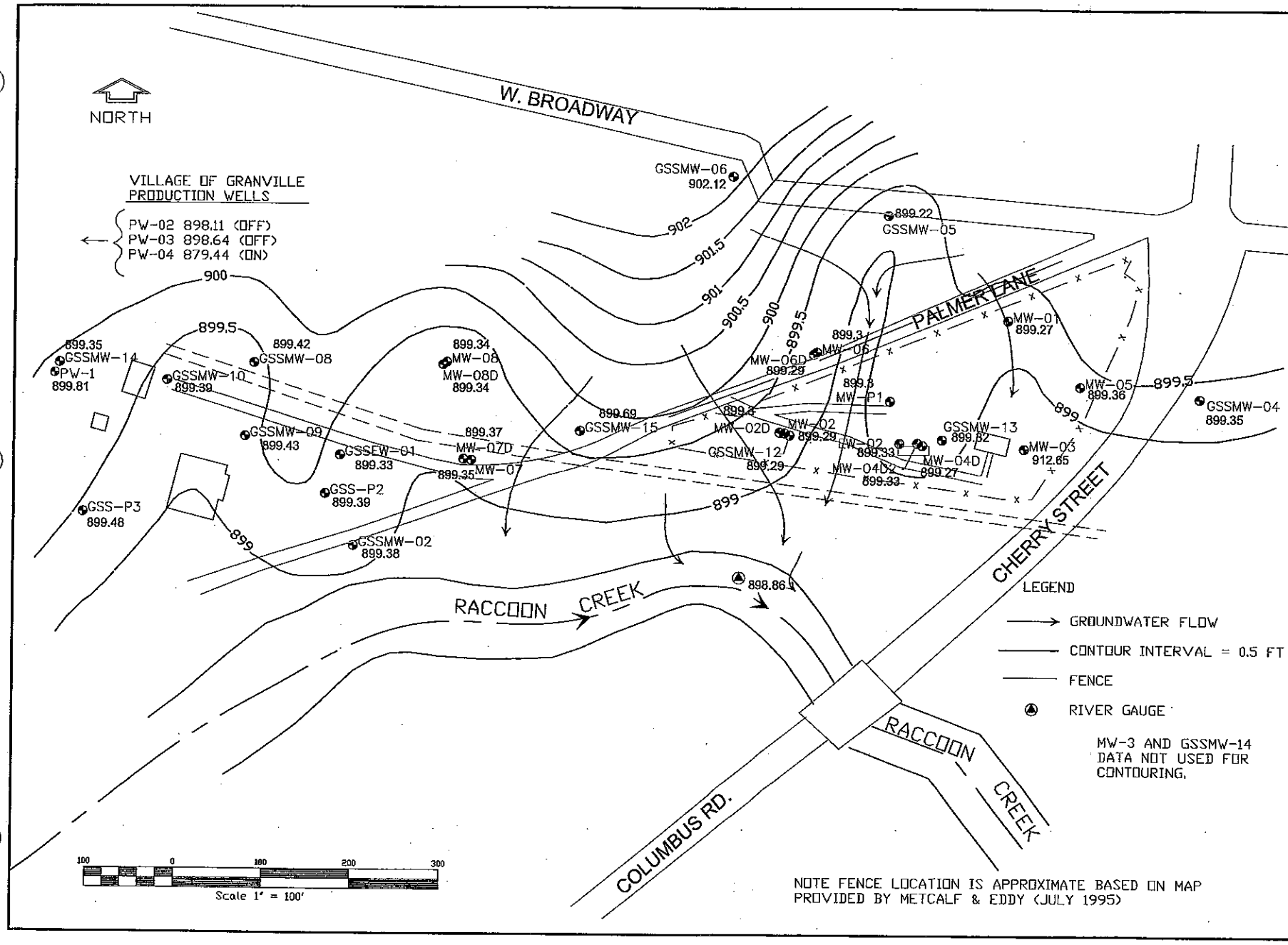
LATA
LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

File Name
5314-POT_05-2008

Project No.
5314

Sheet 1 of 1

Figure	Revision
2	0



Rev.	Date	REVISION DESCRIPTION	Description	Design	Drawn	Check
0	XX-XX-02			XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE MAP
MARCH 30, 2009

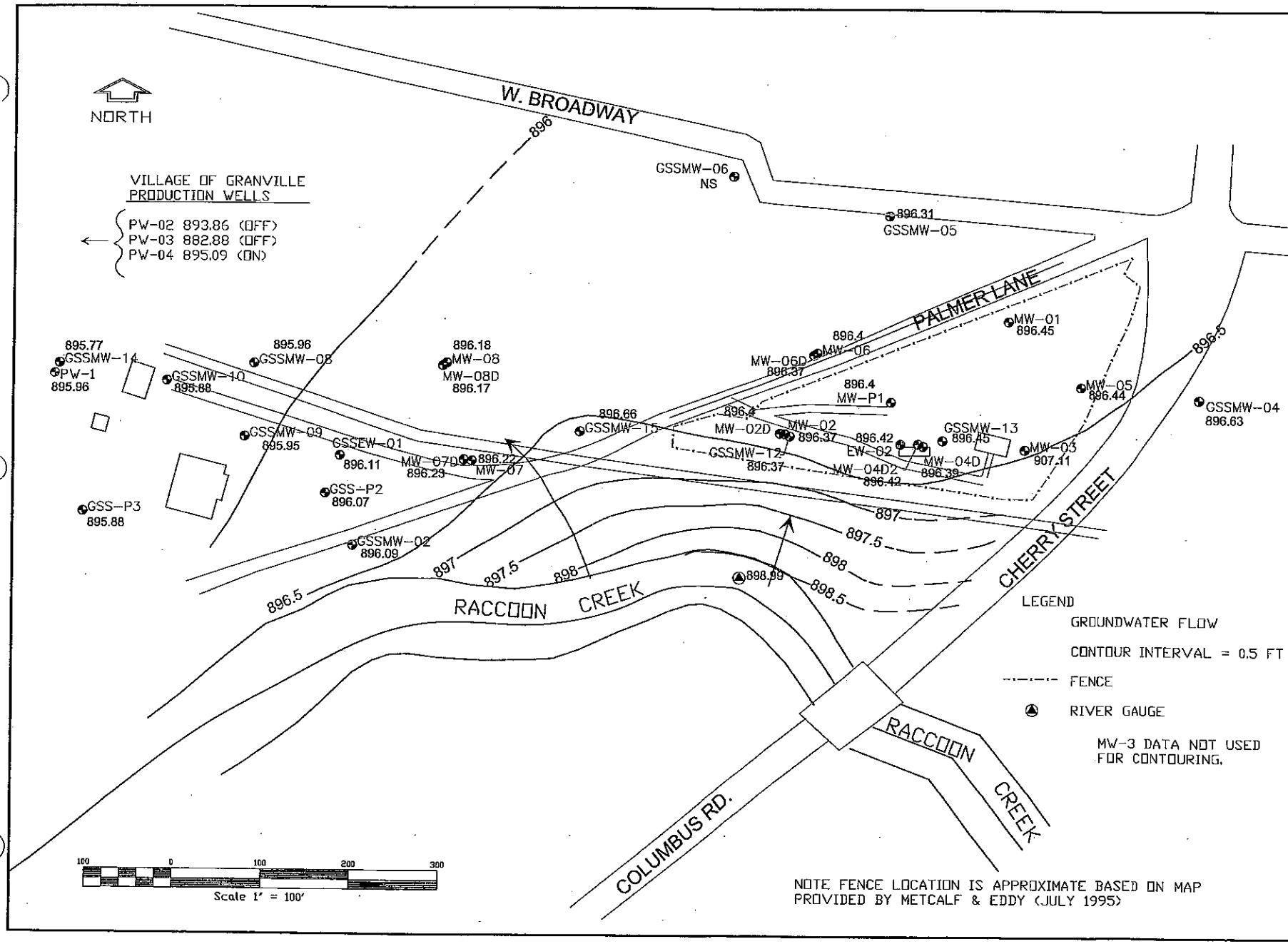
LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

File Name
5314-111-tca_9-2008

Project No.
5314

Sheet 1 of 1

Figure	Revision
1	0



Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

POTENTIOMETRIC SURFACE MAP
SEPTEMBER 14, 2009

LATA
LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

File Name
5314-09-2009_pot

Project No.
5314

Sheet 1 of 1

Figure 1A

Revision 0

Appendix G – Water Quality Data 2001 – 2009

Appendix A

Granville Solvents

Water Quality Records for:

AI-01

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
8/1/2001	< 5.7	< 5.7	< 5.7		7.1		< 5.7	4.6	< 11	D	A1H020235009
8/1/2001	< 5.6	< 5.6	< 5.6		32		< 5.6	17	< 11		A1H020235005

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

AI-02

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
8/1/2001	2	< 1.2	< 1.2	< 1.2	63	< 1.2	< 1.2	58	< 1.2		A1H020235007

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

AI-03

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
8/1/2001	24	< 12	< 12		140		< 12	89	< 24		A1H020235006

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

AI-04

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/30/2001	1.3	< 1.2	< 1.2	< 1.2	22	< 1.2	< 1.2	37	< 1.2		A1G310114007

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

AI-05

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/30/2001	< 280	< 280	< 280	< 280	1800	< 280	< 280	3400	< 280		A1G310114006

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

AI-06

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/30/2001	8400	< 740	71		4800		3000	16000	< 1500		A1G310114005

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

AI-07

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/30/2001	11	< 11	< 11	< 11	38	< 11	< 11	26	< 11		A1G310114004

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

AI-08

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/30/2001	16	< 12	< 12	< 12	120	< 12	< 12	36	< 12		A1G310114003

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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614-508-1200

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Granville Solvents

Water Quality Records for:

AI-09

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/24/2001	4.4	< 5.5	< 5.5		100		< 5.5	46	< 11		A1G270150003

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

AI-10

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/31/2001	< 62	< 62	< 62	< 62	1400	< 62	< 62	150	< 62		AIH020235002

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

AI-11

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/31/2001	140	< 120	< 120	< 120	5600	< 120	< 120	310	< 120		A1H020235003

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

AI-12

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/24/2001	9	< 6.2	< 6.2		200		< 6.2	65	< 12		A1G270150005

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

AI-13

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/24/2001	240	71	< 20		630		< 20	130	< 39		A1G270150004

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

AI-14

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/31/2001	< 5.8	< 5.8	< 5.8		48		< 5.8	7.9	< 12		A1H020235001

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

AI-15

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/30/2001	< 720	< 720	< 720		3000		< 720	130	< 1400		AIG310114008

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by: LATA

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Granville Solvents

Water Quality Records for:

AI-16

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/24/2001	< 5.5	< 5.5	< 5.5		210		.73	5.2	< 11		A1G270150002

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Appendix A

Granville Solvents

Water Quality Records for:

AS-01

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/25/2001	14	200	< 28		16		< 28	180	< 57		A1G270150010

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

AS-02

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
8/1/2001	680	< 220	< 220	< 220	5000	< 220	< 220	3000	< 220		A1H020235008

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

AS-03

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/27/2001	< 260	< 260	< 260	< 260	6400	< 260	< 260	1000	< 260		A1G310114001

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

AS-04

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/25/2001	690	< 270	< 270	< 270	14000	< 270	< 270	2700	< 270		A1G270150011

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

AS-05

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/31/2001	< 220	< 220	< 220	< 220	6800	< 220	< 220	430	< 220		A1H020235004

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

AS-06

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/30/2001	240	< 680	< 680		14000		41	590	< 1400		A1G310114009

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

EW-02

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
10/4/2001	32.4			5.6	36.5	0		39.9			
10/18/2001	29.1			5	36.5	0		36.2			
11/7/2001	26.9			4.6	36	0		33.7			
12/12/2001	30.5			5.1	37.5	0		33.2			
1/16/2002	29.7			5.5	31.6	0		39.8			

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

GSS-EW-01

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/20/2006	< .8	< .4	< 1	< 1	< 1	< .6	< 1	< 1	< 1		A6G210358009
5/17/2007	< .5	< .5	< .5	.5	< .5	< .5	< .5	< .5	< .5		680-27181-9
4/25/2008	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-36272-3
3/30/2009	< .5	< .5	< .5	.79	< .5	< .5	< .5	< .5	< .5		680-46033-2

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

GSS-MW-02

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/11/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		571111

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

GSS-MW-06

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
2/3/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		559620
5/10/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		571104
8/4/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		581227
2/1/2005	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		606882

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

GSS-MW-08

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
2/2/2000	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		
5/15/2000	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		
8/21/2000	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		
2/27/2002	< .5	< .5	< .5	< .5	< .5	< .5	.35	< .5	< .5		
8/5/2002	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		
11/5/2002	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		
2/26/2003	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		
5/5/2003	< .5	< .5	< .5	< .5	< .5	< .5	1.8	< .5	< .5		
8/27/2003	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		
11/11/2003	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

GSS-MW-08

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
2/3/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		559615
5/11/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		571093
8/4/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		581229
2/1/2005	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		606877
8/11/2005	< .22	< .22	< .24	< .24	< .26	< .21	< .22	< .23	< .28		680-6992-9
5/4/2006	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-16422-1
7/20/2006	< .8	< .4	< 1	< 1	< 1	< .6	< 1	< 1	< 1		A6G210358008
5/17/2007	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-27181-7
9/25/2007	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-30607-4
4/25/2008	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-36272-1

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

GSS-MW-08

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
9/4/2008	< .16	< .23	< .24	< .25	< .22	< .22	< .21	< .2	< .29		680-40224-1
3/30/2009	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-46033-5
9/14/2009	< .27	< .39	< .32	< .37	< .3	< .24	< .23	< .37	< .33		A9I160247-3

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

GSS-MW-09

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
2/2/2000	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5		
5/15/2000	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5		
8/21/2000	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5		
11/7/2000	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5		
2/27/2002	<.5	<.5	<.5	<.5	<.5	<.5	.34	<.5	<.5		
8/5/2002	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5		
11/5/2002	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5		
2/26/2003	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5		
5/5/2003	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5		
8/27/2003	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5		

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Granville Solvents

Water Quality Records for:

GSS-MW-09

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
11/11/2003	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		
2/3/2004	< .5	< .5	< .5	.28	< .5	< .5	< .5	< .5	< .5		559616
5/11/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		571108
8/4/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		581231
2/1/2005	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		606878
8/11/2005	< .22	< .22	< .24	< .24	< .26	< .21	< .22	< .23	< .28		680-6992-7
5/4/2006	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-16422-2
7/19/2006	< .8	< .4	< 1	< 1	< 1	< .6	< 1	< 1	< 1		A6G210358006
5/17/2007	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-27181-8
9/25/2007	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-30607-6

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

GSS-MW-09

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
4/25/2008	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-36272-2
9/5/2008	< .16	< .23	< .24	< .25	< .22	< .22	< .21	.24	< .29		680-40224-6
3/30/2009	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-46033-1
9/14/2009	< .27	< .39	< .32	< .37	< .3	< .24	< .23	< .37	< .33		A9I160247-1

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

GSS-MW-10

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
2/3/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		559618
5/11/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		571109
8/4/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		581230
2/1/2005	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		606880

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Appendix A

Granville Solvents

Water Quality Records for:

GSS-MW-12

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/11/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		571098

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Appendix A

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Water Quality Records for:

GSS-MW-13

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/1/1996	0			0	0	0		0			
5/1/1997	0			0	0	0		0			
5/1/1998	0			0	0	0		0			
5/1/1999	0			0	0	0		0			
5/1/2000	0			0	0	0		0			
5/1/2001	0			0	0	0		0			
5/10/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		571105

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Appendix A

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Water Quality Records for:

GSS-MW-14

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
2/3/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		559619
5/11/2004	< .5	< .5	< .5	< .5	< .5	< .5	.31	< .5	< .5		571112
8/4/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		581232
2/1/2005	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		606881

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

GSS-MW-15

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
9/9/2005	21	.92	< .24	6.1	6.2	< .45	< .22	25	< .28		680-8154-2
5/4/2006	19	< .5	< .5	4.1	7.2	< .5	< .5	22	< .5		680-16422-11
6/13/2006	19	1.7	< .5	6	13	< .5	< .5	23	< .5		680-17568-1
7/19/2006	18	2	< 1	7.1	8.6	< .6	< 1	24	< 1		A6G210358005
5/16/2007	30	3.8	< .5	13	7.8	.74	< .5	37	< .5		680-27181-5
9/25/2007	33	1.6	< .5	9.9	12	.67	< .5	35	< .5		680-30607-8
9/25/2007	32	1.7	< .5	9.7	11	.64	< .5	36	< .5	D	680-30607-10
4/25/2008	35	5	< .5	17	11	1.2	< .5	41	< .5		680-36272-6
9/4/2008	37	4.2	< .24	19	12	1.2	< .21	47	< .29		680-40224-5
3/30/2009	30	1.4	< .5	8.7	9.1	.67	< .5	35	< .5	D	680-46033-3

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

GSS-MW-15

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
3/30/2009	30	1.4	< .5	8.9	8.9	.61	< .5	35	< .5		680-46033-7
9/15/2009	31	1.2	< .32	11	25	.7	< .23	38	< .33	D	A9I160247-10
9/15/2009	30	1.2	< .32	11	26	.72	< .23	38	< .33		A9I160247-6

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Appendix A

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Water Quality Records for:

MW-01

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/1/1996	450			0	74	0		230			
5/1/1997	280			0	33	0		100			
5/1/1998	300			0	190	0		210			
5/1/1999	270			0	40	0		140			
5/1/2000	280			0	34	0		140			
5/15/2000	280	< 6.9	< 6.9	< 6.9	34	< 6.9	< 6.9	140	< 6.9		
5/1/2001	290			0	28	5.5		110			
5/6/2003	120	< 1.4	< 1.4	< 1.4	18	< 1.4	< 1.4	53	< 1.4		
5/10/2004	140	< 3	< 3	< 3	14	< 3	< 3	40	< 3		571106

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-02D

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/1/1996	350			250	430	0		590			
5/1/1997	250			140	390	0		450			
5/1/1998	220			110	400	0		380			
5/1/1999	120			40	190	0		220			
5/1/2000	120			42	210	0		220			
5/1/2001	93			38	230	0		170			
5/6/2003	40	< 2.2	< 2.2	9.8	130	< 2.2	< 2.2	90	< 2.2		
5/10/2004	17	< 1.7	< 1.7	6.6	68	< 1.7	< 1.7	34	< 1.7		571030D1
8/10/2005	36	< .88	< .96	17	110	< .84	< .88	59	< 1.1		680-6992-4
5/4/2006	31	< 2.5	< 2.5	16	51	< 2.5	< 2.5	63	< 2.5		680-16422-5

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-02D

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/20/2006	29	.97	< 2.2	15	69	< 1.3	< 2.2	60	< 2.2		A6G210358011
5/16/2007	71	3.2	.63	28	130	1.1	< .5	130	< .5		680-27181-2
9/25/2007	71	4.4	.41	28	150	1.5	< .5	120	< .5		680-30607-3
4/25/2008	81	6.1	< 2.5	38	140	1.7	< 2.5	150	< 2.5		680-36272-8
9/5/2008	120	12	1.3	48	180	2.1	< .21	190	< .29		680-40224-8
3/31/2009	98	9.3	2.9	1.7	150	2.5	< 2.5	180	< 2.5		680-46033-9
9/15/2009	110	9.9	1.1	43	150	2.6	< .23	220	< .33		A9I160247-8

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-04D

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/1/1996	110			150	110	0		280			
5/1/1997	170			97	66	0		440			
5/1/1998	220			77	130	0		680			
5/1/1999	100			59	64	0		360			
5/1/2000	170			33	92	0		600			
5/1/2001	68			93	510	0		320			
2/27/2002	45	16	< 3.2	49	36	< 3.2	< 3.2	150	7.9		
8/5/2002	40	11	< 4.6	33	63	< 4.6	< 4.6	150	3.6		
11/6/2002	130	37	< 6.4	< 6.4	59	< 6.4	< 6.4	340	8.4		
2/26/2003	35	6.4	< 3.2	48	40	< 3.2	< 3.2	120	18		

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-04D

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/6/2003	59	18	< 4.8	32	59	< 4.8	< 4.8	190	9.3		
8/27/2003	42	13	< 3.4	47	45	1.5	< 3.4	120	12		
5/10/2004	23	8.2	< 1.2	26	41	.79	< 1.2	73	3.5		571029
8/10/2005	43	14	< .96	3.7	72	< .84	< .88	130	< 1.1		680-6992-1
5/4/2006	38	14	< 2.5	< 2.5	54	< 2.5	< 2.5	100	< 2.5		680-16422-4
5/4/2006											680-16422-7
5/4/2006	46	15	< 2.5	< 2.5	56	< 2.5	< 2.5	110	< 2.5	D	680-16422-7
7/19/2006	59	23	< 6.2	< 6.2	83	< 3.8	< 6.2	150	< 6.2		A6G210358001
5/16/2007	44	15	.74	15	64	.83	< .5	110	< .5		680-27181-3
5/16/2007	42	15	.68	15	58	.75	< .5	99	< .5	D	680-27181-4

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-04D

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
9/25/2007	130	44	1.6	9.4	120	.48	< .5	270	< .5		680-30607-1
4/25/2008	28	5.7	.33	7.7	56	.43	< .5	51	< .5		680-36272-11
9/5/2008	28	6.3	.28	13	64	.71	< .21	65	< .29		680-40224-10
3/31/2009	40	8.4	.81	< .5	64	.75	< .5	91	< .5		680-46033-11
9/15/2009	64	10	.48	16	90	.9	< .23	180	< .33		A9I160247-9

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-04D2

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/1/1996	0			0	0	0		0			
5/1/1997	0			0	.92	0		0			
5/1/1998	0			0	.56	0		0			
5/1/1999	0			0	0	0		0			
5/1/2000	0			0	0	0		0			
5/1/2001	0			0	.26	0		0			
5/10/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		571101

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-05

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/1/1996	.8			0	0	0		0			
5/1/1997	0			0	0	0		0			
5/1/1998	.68			0	0	0		0			
5/1/1999	.63			0	0	0		0			
5/1/2000	0			0	0	0		0			
5/1/2001	1.7			0	0	0		0			
5/10/2004	.7	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		571107

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-06

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/1/1996	380			0	0	0		78			
5/1/1997	430			0	0	0		47			
5/1/1998	370			0	0	0		36			
5/1/1999	330			0	0	0		23			
5/1/2000	320			0	0	0		26			
5/1/2001	340			0	0	0		31			
5/5/2003	200	< 4.8	< 4.8	< 4.8	< 4.8	< 4.8	< 4.8	20	< 4.8		
5/10/2004	180	< 5.5	< 5.5	< 5.5	< 5.5	< 5.5	< 5.5	10	< 5.5		571024D1
8/10/2005	130	< 2.2	< 2.4	< 2.4	< 2.6	< 2.1	< 2.2	7.8	< 2.8		680-6992-5
5/4/2006	130	< 2.5	< 2.5	< 2.5	2.8	< 2.5	< 2.5	12	< 2.5		680-16422-6

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-06

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/20/2006	170	< 2.5	< 6.2	< 6.2	< 6.2	< 3.8	< 6.2	10	< 6.2		A6G210358012
5/17/2007	220	< .5	.9	< .5	< .5	< .5	< .5	13	< .5		680-27181-12
9/25/2007	220	< .5	< .5	< .5	.62	< .5	< .5	17	< .5		680-30607-9
4/25/2008	180	< .5	.33	< .5	.61	< .5	< .5	16	< .5		680-36272-7
9/5/2008	180	< .23	.34	< .25	.62	< .22	< .21	16	< .29		680-40224-7
3/31/2009	180	< .5	< .5	< .5	.49	< .5	< .5	13	< .5		680-46033-8
9/15/2009	170	< .39	.41	< .37	.83	< .24	< .23	19	< .33		A9I160247-7

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-07

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/4/2006	< .5	< .5	< .5	< .5	1.6	< .5	< .5	< .5	< .5		680-16422-8
5/17/2007	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-27181-10

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-07D

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/15/2000	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		
5/5/2003	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		
5/10/2004	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		571025
8/10/2005	< .22	< .22	< .24	< .24	< .26	< .21	< .22	< .23	< .28		680-6992-6
5/4/2006	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-16422-9
7/19/2006	< .8	< .4	< 1	< 1	< 1	< .6	< 1	< 1	< 1		A6G210358004
5/17/2007	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-27181-11
9/25/2007	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-30607-5
4/25/2008	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-36272-4
9/4/2008	< .16	< .23	< .24	< .25	< .22	< .22	< .21	< .2	< .29		680-40224-4

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-07D

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
3/30/2009	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5		680-46033-4
9/14/2009	< .27	< .39	< .32	< .37	< .3	< .24	< .23	< .37	< .33		A9I160247-2

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Water Quality Records for:

MW-08

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
2/2/2000	< .96	5.4	< .96	85	< .96	9.9	< .96	< .96	< .96		
5/15/2000	< 2	5.4	< 2	99	< 2	10	< 2	< 2	< 2		
8/21/2000	< 1.9	4.2	< 1.9	75	< 1.9	8.3	< 1.9	< 1.9	< 1.9		
11/7/2000	< .5	4.2	< .5	76	< .5	8.2	< .5	< .5	< .5		
2/27/2002	< 2.2	4	< 2.2	68	< 2.2	6.9	< 2.2	< 2.2	< 2.2		
8/5/2002	< 2.2	3.7	< 2.2	60	< 2.2	5	< 2.2	< 2.2	< 2.2		
11/5/2002	< 1.5	3.7	< 1.5	67	< 1.5	6.8	< 1.5	< 1.5	< 1.5		
2/26/2003	< 1.8	4.3	< 1.8	77	< 1.8	7.8	< 1.8	< 1.8	< 1.8		
5/5/2003	< 1.8	4.2	< 1.8	69	< 1.8	7	< 1.8	< 1.8	< 1.8		
8/27/2003	< 1.2	3.5	< 1.2	56	< 1.2	6.4	< 1.2	< 1.2	< 1.2		

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

MW-08

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
11/11/2003	< 1.8	4	< 1.8	74	< 1.8	7.2	< 1.8	< 1.8	< 1.8		
2/3/2004	< 1.2	3.2	< 1.2	53	< 1.2	4.8	< 1.2	< 1.2	< 1.2		559614
5/10/2004	< 1.2	2.8	< 1.2	46	< 1.2	4.3	< 1.2	< 1.2	< 1.2		571026D1
8/4/2004	< 1.8	4.1	< 1.8	70	< 1.8	7.2	< 1.8	< 1.8	< 1.8		581228
2/1/2005	< .5	1.5	< .5	24	< .5	2.1	< .5	< .5	< .5		606876
8/11/2005	< .44	2.7	< .48	36	< .52	3.6	< .44	< .46	< .56		680-6992-8
5/4/2006	< .5	2.9	< .5	45	< .5	4.7	< .5	< .5	< .5		680-16422-10
7/20/2006	< .8	1.9	< 1	28	< 1	3.1	< 1	< 1	< 1		A6G210358010
5/16/2007	< .5	1.9	< .5	26	< .5	2.3	< .5	< .5	< .5		680-27181-6
9/25/2007	< .5	5.2	< .5	73	< .5	9.3	< .5	< .5	< .5		680-30607-7

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

MW-08

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
4/25/2008	< 1	< 1	< 1	24	< 1	2.6	< 1	< 1	< 1		680-36272-5
9/4/2008	< .16	2.5	< .24	34	< .22	3.7	< .21	< .2	< .29		680-40224-2
9/4/2008	< .16	2.5	< .24	34	< .22	3.8	< .21	< .2	< .29	D	680-40224-3
3/30/2009	< .5	2.8	< .5	40	< .5	5.1	< .5	< .5	< .5		680-46033-6
9/14/2009	< .27	3.6	< .32	68	< .3	8.9	< .23	< .37	< .33		A9I160247-4

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

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Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

MW-P1

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/1/1996	720			0	540	0		1400			
5/1/1997	460			0	340	0		730			
5/1/1998	380			0	370	0		550			
5/1/1999	350			0	170	0		380			
5/1/2000	300			0	160	0		420			
5/1/2001	300			0	180	0		330			
2/27/2002	150	< 3.2	< 3.2	< 3.2	94	< 3.2	< 3.2	150	< 3.2		
8/5/2002	130	< 6.4	< 6.4	< 6.4	100	< 6.4	< 6.4	120	< 6.4		
11/6/2002	82	< 2.6	< 2.6	< 2.6	120	< 2.6	< 2.6	110	< 2.6		
2/26/2003	86	< 2.6	< 2.6	< 2.6	100	< 2.6	< 2.6	88	< 2.6		

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

MW-P1

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/6/2003	100	< 4.7	< 4.7	< 4.7	100	< 4.7	< 4.7	88	< 4.7		
8/27/2003	60	< 3	< 3	< 3	110	< 3	< 3	56	< 3		
5/10/2004	160	< 3.8	< 3.8	< 3.8	53	< 3.8	< 3.8	55	< 3.8		571027
8/10/2005	60	< .44	< .48	< .48	60	< .42	< .44	41	< .56		680-6992-2
8/10/2005	69	< .44	< .48	< .48	69	< .42	< .44	47	< .56	D	680-6992-3
5/4/2006	38	< .5	< .5	< .5	45	< .5	< .5	36	< .5		680-16422-3
7/19/2006	35	< .4	< 1	< 1	43	< .6	< 1	32	< 1		A6G210358002
7/19/2006	36	< .4	< 1	< 1	45	< .6	< 1	32	< 1	D	A6G210358003
5/16/2007	39	< .5	< .5	< .5	50	< .5	< .5	36	< .5		680-27181-1
9/25/2007	55	< .5	< .5	< .5	88	< .5	< .5	42	< .5		680-30607-2

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

MW-P1

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
4/25/2008	17	< .5	< .5	2.5	28	< .5	< .5	26	< .5	D	680-36272-10
4/25/2008	12	< 1	< 1	2.3	19	< 1	< 1	21	< 1		680-36272-9
9/5/2008	27	< .23	< .24	1.3	42	< .22	< .21	32	< .29		680-40224-9
3/31/2009	22	< .5	.38	< .5	41	.33	< .5	27	< .5		680-46033-10
9/14/2009	31	< .39	< .32	1.5	67	< .24	< .23	38	< .33		A9I160247-5

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

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614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

SS-01

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/14/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		A7E180330001

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

SS-02

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/14/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		A7E180330002

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

SS-03

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
5/16/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		A7E180330003

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

VE-02

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/25/2001	480	< 270	< 270	< 270	2800	< 270	< 270	3500	< 270		A1G270150009

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

VE-03

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/27/2001	360	< 260	< 260	< 260	4300	< 260	< 260	1200	< 260		A1G310114002

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

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614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

VE-04

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/24/2001	< 270	< 270	< 270	< 270	4700	< 270	< 270	380	< 270		A1G270150006

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
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614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

VE-05

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/25/2001	17000	< 270	< 270	< 270	< 270	< 270	< 270	14000	< 270		A1G270150008

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

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Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

VE-06

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/25/2001	< 280	< 280	< 280	< 280	3000	< 280	< 280	2400	< 280		A1G270150007

"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

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Westerville, Ohio 43081
614-508-1200

Appendix A

Granville Solvents

Water Quality Records for:

VE-07

Analysis Results

Sample Date	1,1,1-TCA µg/l	1,1-DCA µg/l	1,1-DCE µg/l	Cis-1,2-DCE µg/l	PCE µg/l	Trans-1,2-DCE µg/l	Toluene µg/l	TCE µg/l	Vinyl Chlor µg/l	FLAG	Lab Report Number
7/24/2001	< 280	< 280	< 280	< 280	31000	< 280	< 280	340	< 280		A1G270150001

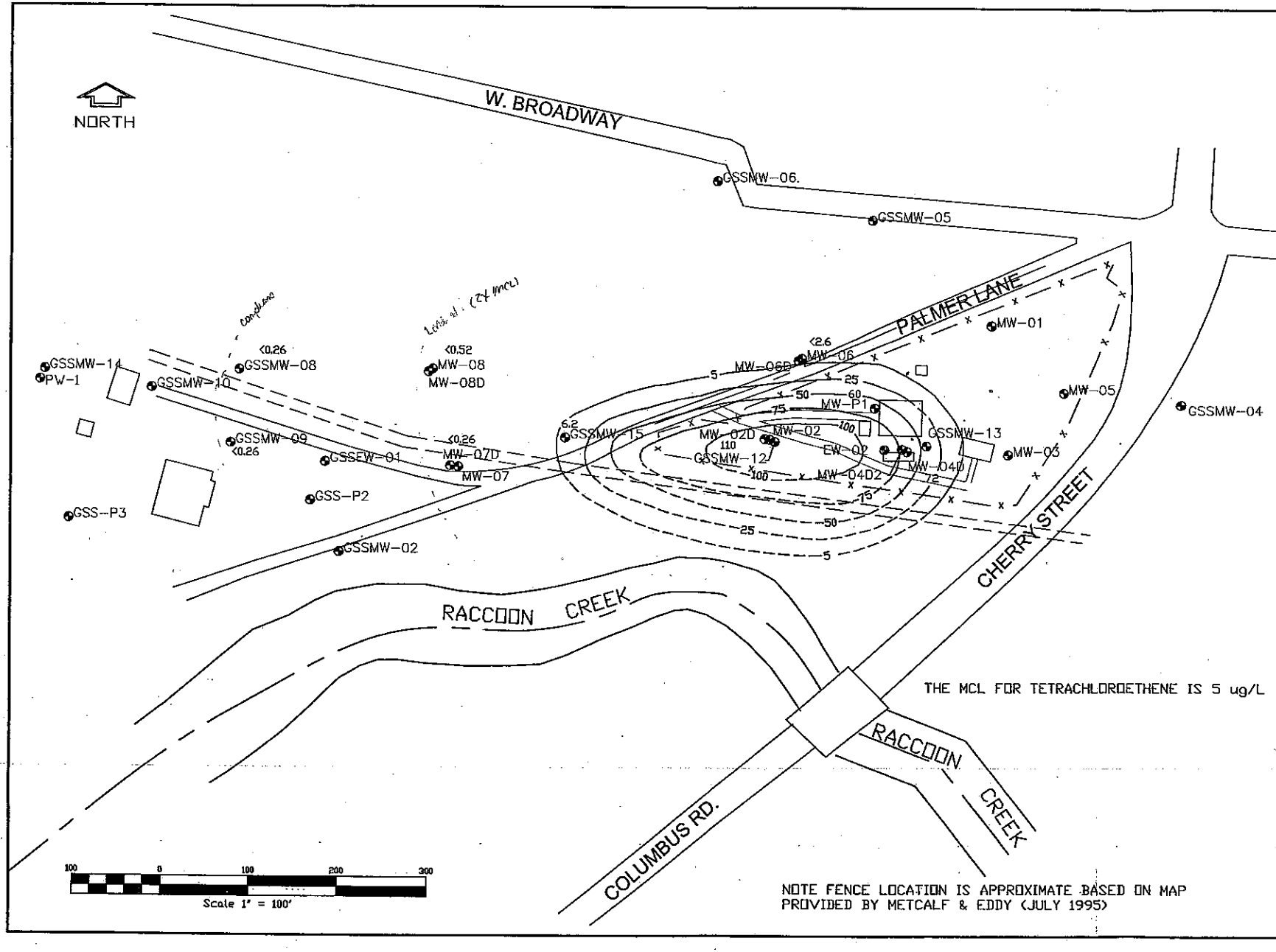
"0" = Non-detected result, laboratory detection limit unknown

Flag "D" = Field Duplicate Sample

Prepared by:

756 Park Meadow Rd.
Westerville, Ohio 43081
614-508-1200

Appendix H – Isoconcentration Maps 2005 - 2009



NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

THE MCL FOR TETRACHLOROETHENE IS 5 ug/L

Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TETRACHLROETHENE (PCE)
ISOCONCENTRATION MAP
AUGUST 2005

SHARP
AND ASSOCIATES, INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 588-1200
Fax (614) 588-1201
www.sharpenv.com

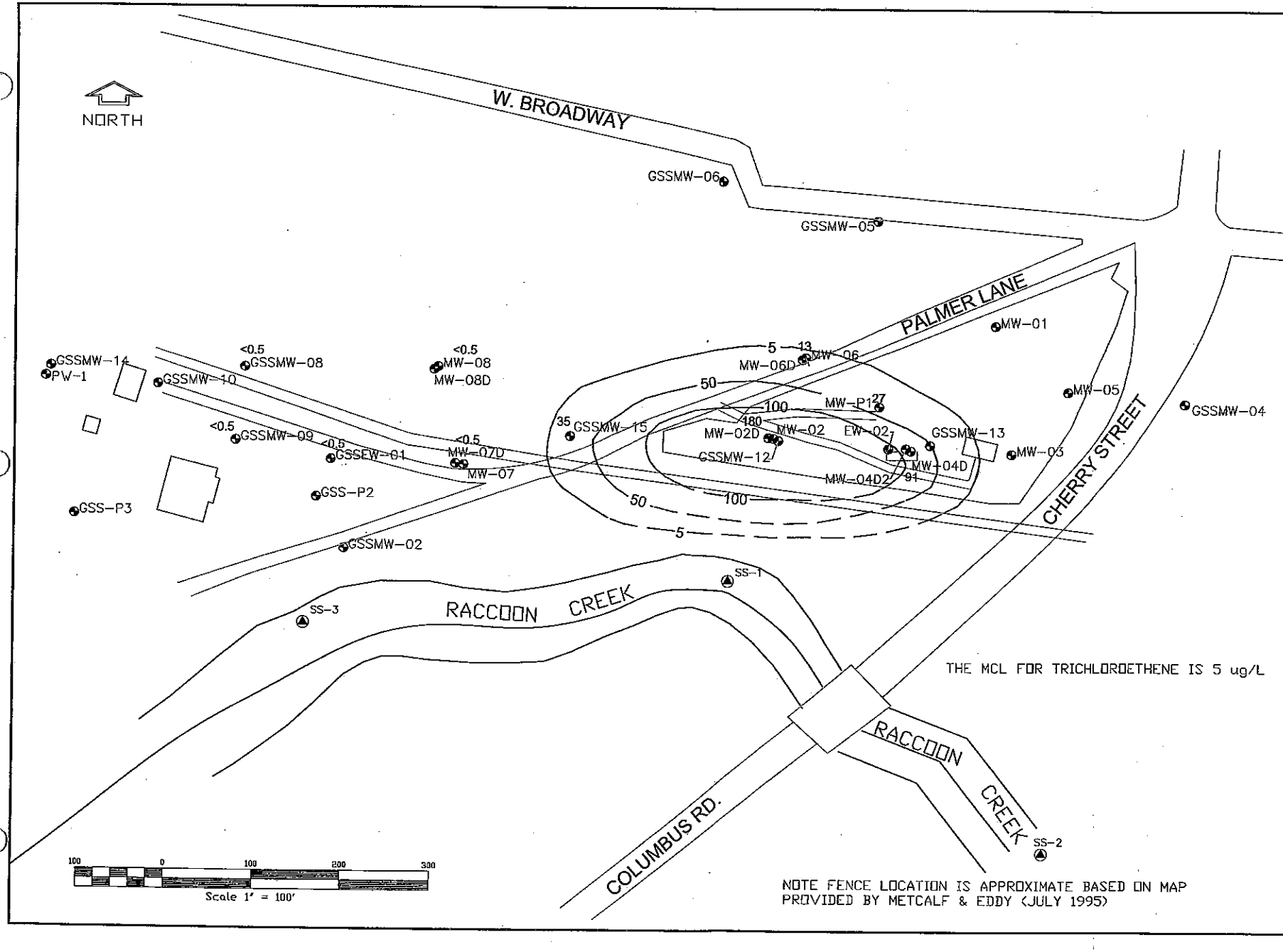
File Name
5134-PCE_8-2005

Project No.
5134

Sheet 1 of 1

Figure 5

Revision 0



Rev.	Date	Description	Design	Drawn	Check

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TRICHLOROETHENE (TCE)
ISOCONCENTRATION MAP
MARCH 2009

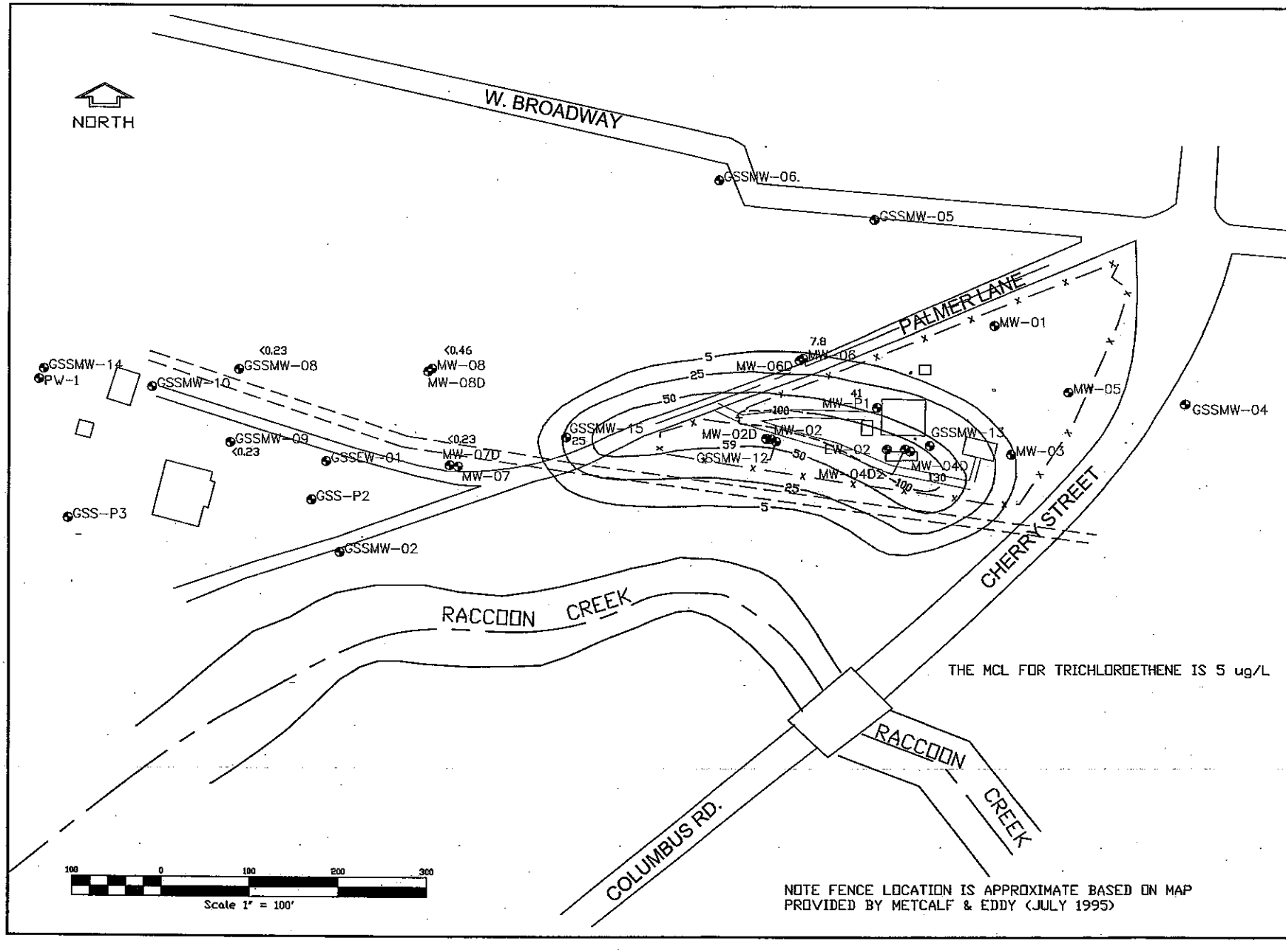
LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

File Name
5134-tce 09-2008

Project No.
5314

Sheet 1 of 1

Figure	Revision
6	0



Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TRICHLOROETHENE (TCE)
ISOCONCENTRATION MAP
AUGUST 2005

SHARP
AND ASSOCIATES, INC.
756 Park Meadow Rd
Westerville, Ohio 43081
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Fax (614) 508-1201
www.sharpenv.com

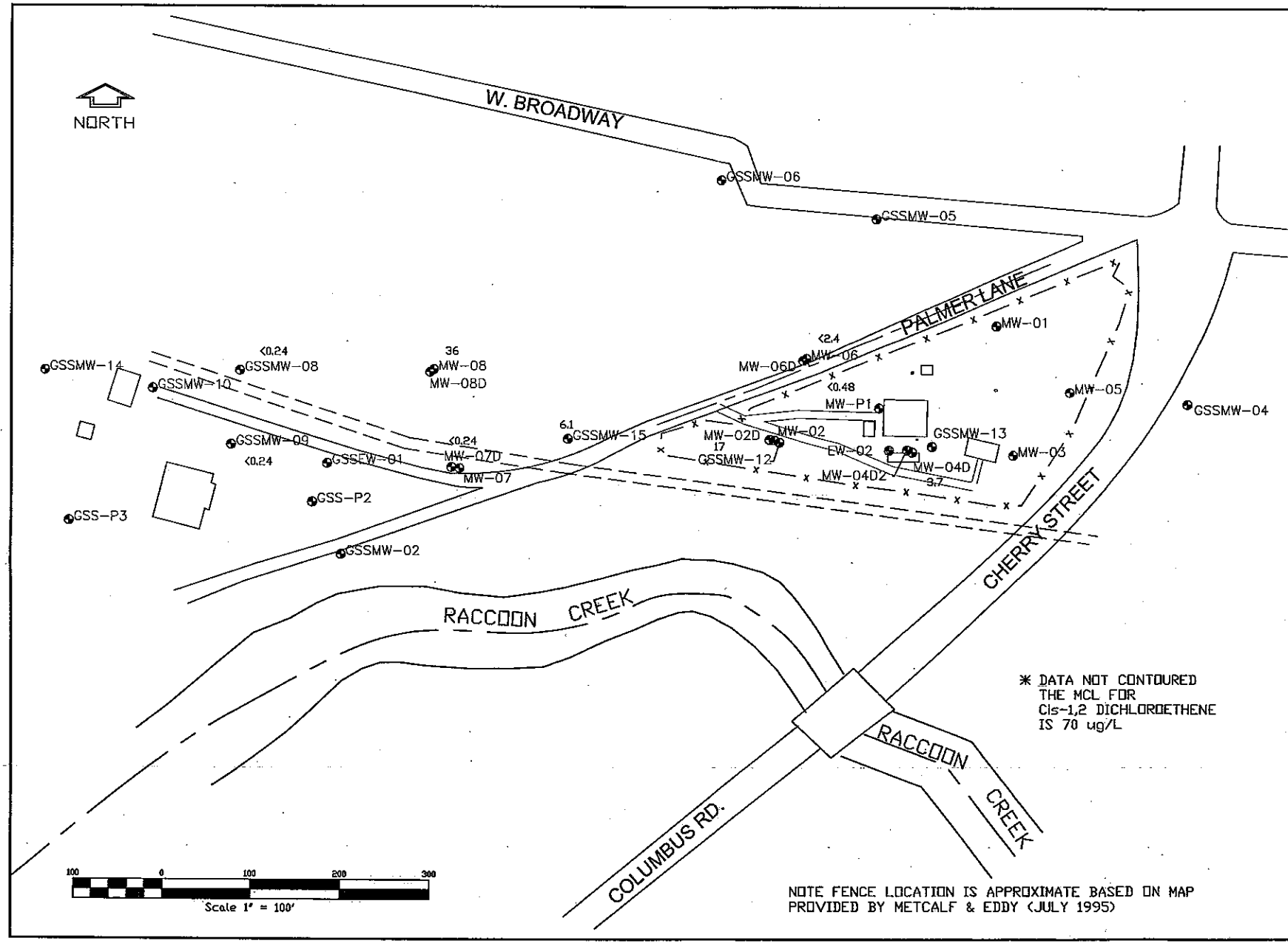
File Name
5134-10-2005_SP

Project No.
5134

Sheet 1 of 1

Figure 6

Revision 0



* DATA NOT CONTOURED
THE MCL FOR
Cis-1,2 DICHLOROETHENE
IS 70 ug/L

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP
PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	Description	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

CIS-1,2-DICHLOROETHENE
CONCENTRATION MAP
AUGUST 2005

SHARP
AND ASSOCIATES, INC.
756 Park Meadow Rd
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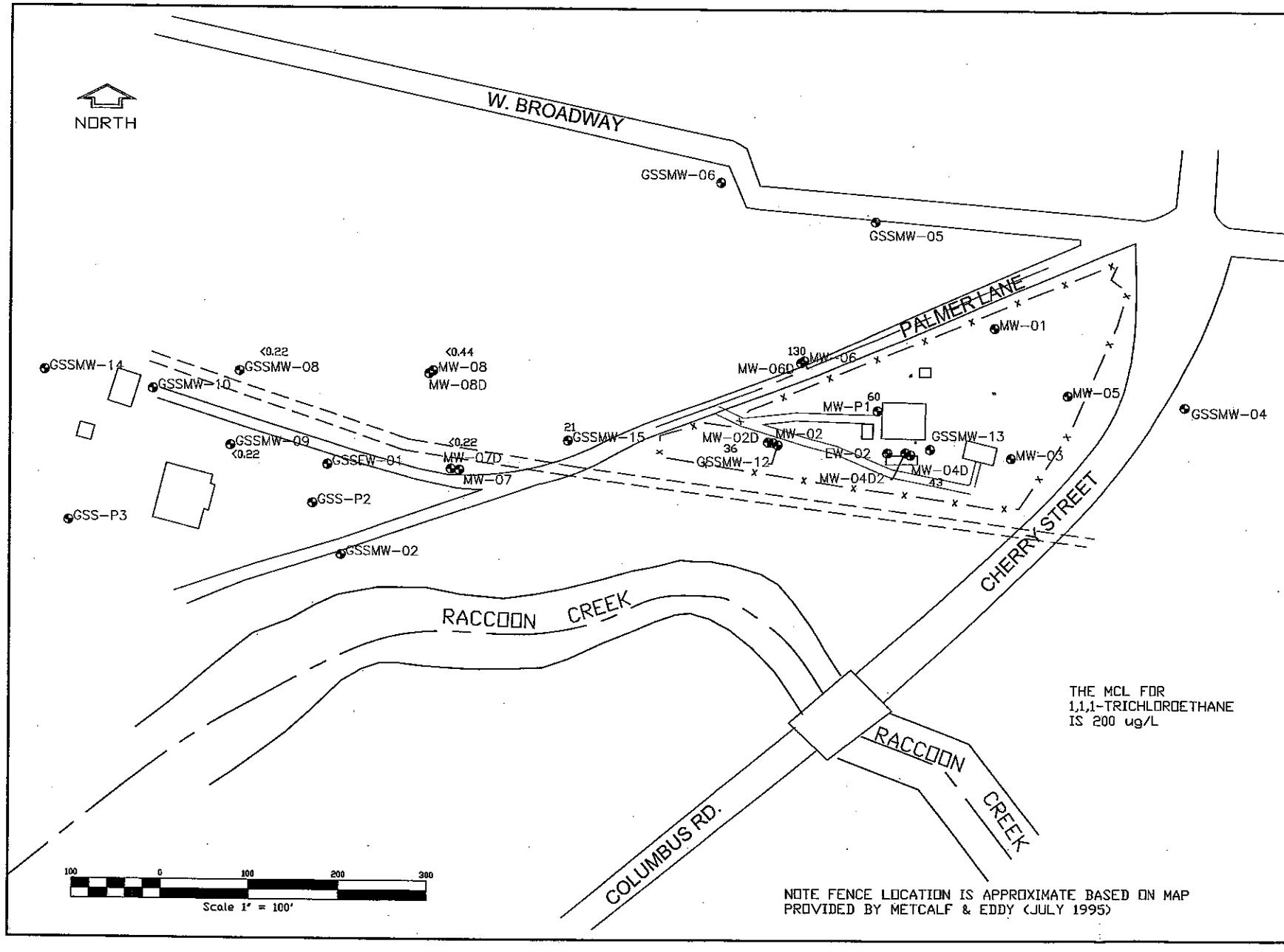
File Name
5134-10-2005_SP

Project No.
5134

Sheet 1 of 1

Figure 4

Revision 0



THE MCL FOR
1,1,1-TRICHLOROETHANE
IS 200 ug/L

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP
PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

1,1,1-TRICHLOROETHANE
CONCENTRATION MAP
AUGUST 2005

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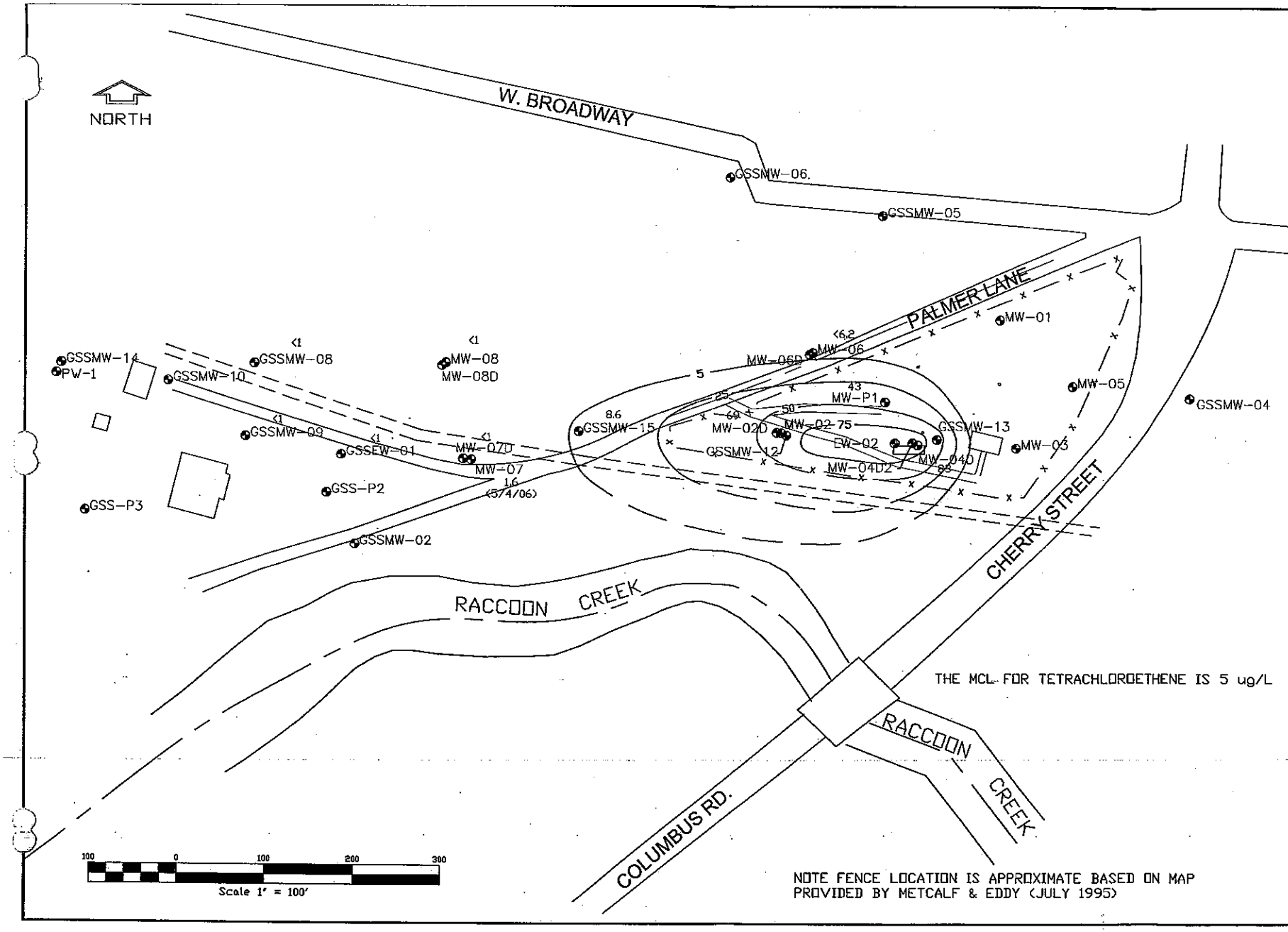
File Name
5134-10-2005_SP

Project No.
5134

Sheet 1 of 1

Figure 3

Revision 0



THE MCL FOR TETRACHLOROETHENE IS 5 ug/L

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TETRACHLROETHENE (PCE)
ISOCONCENTRATION MAP
JULY 2006

LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

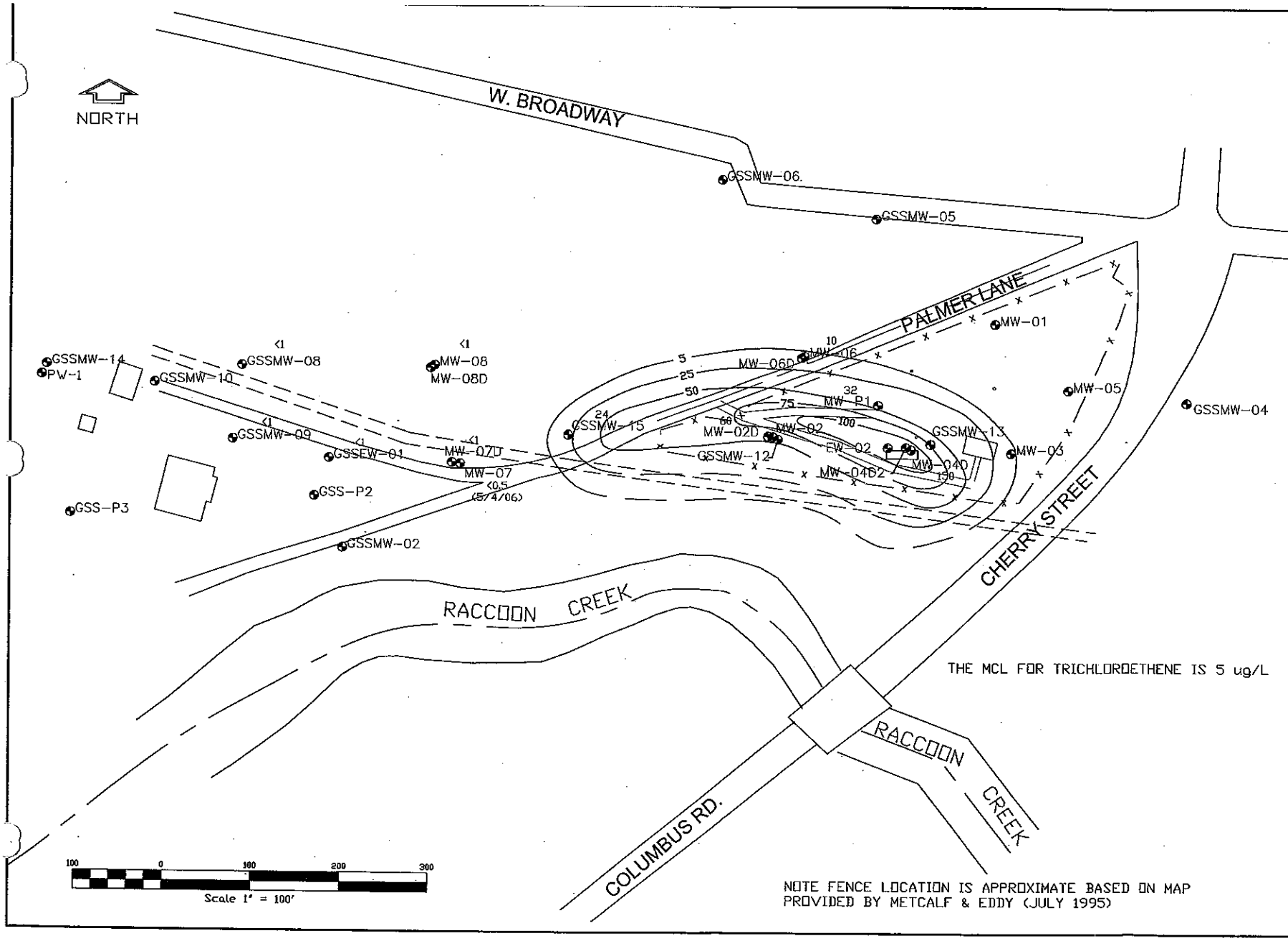
File Name
5134-PCE_8-2005

Project No.
5134

Sheet 1 of 1

Figure 5

Revision 0



Rev.	Date	REVISION DESCRIPTION	Description	Design	Drawn	Check
0	XX-XX-02			XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TRICHLOROETHENE (TCE)
ISOCONCENTRATION MAP
JULY 2006

LATA
LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
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(614) 508-1200
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www.lata.com

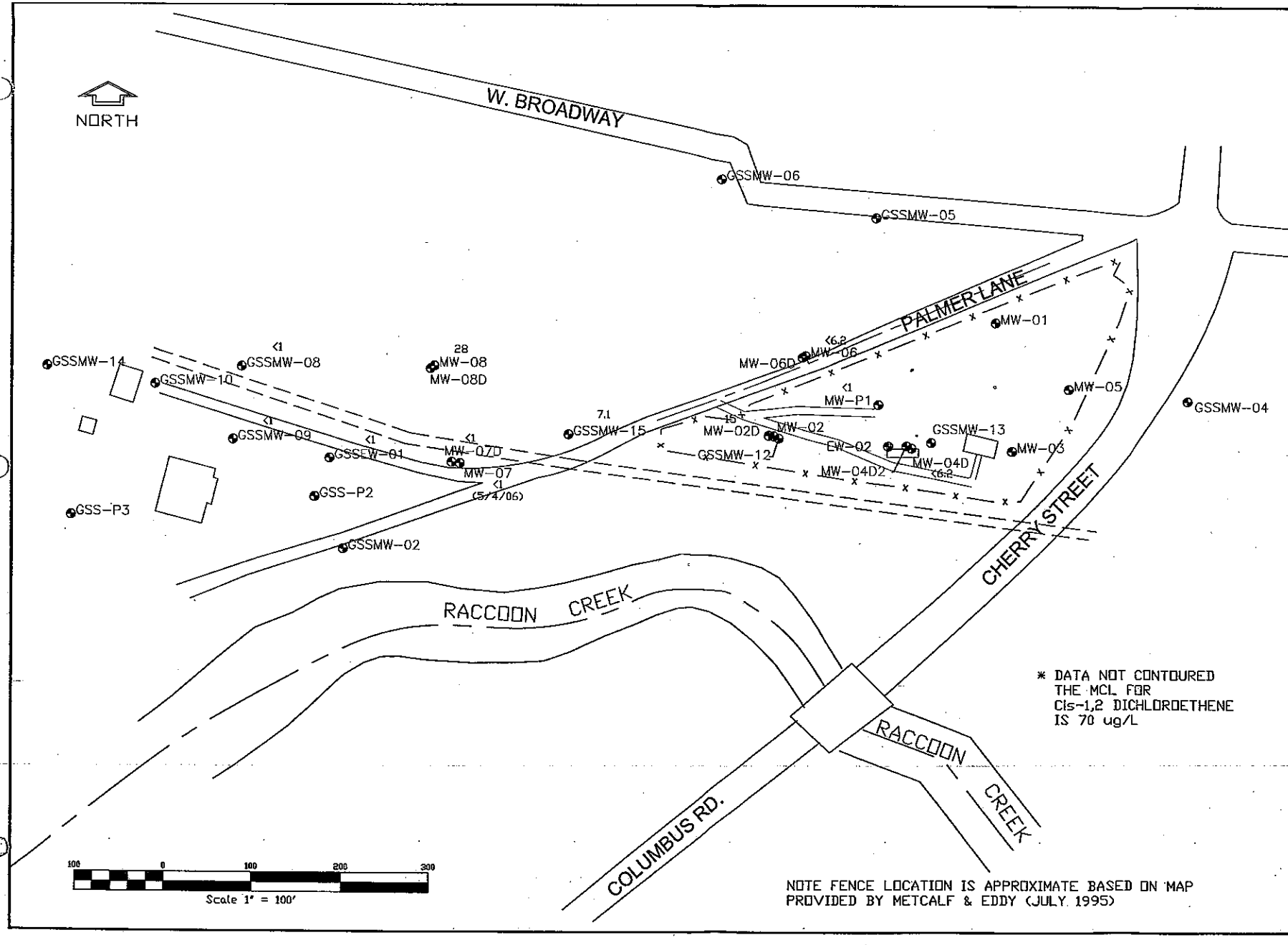
File Name
5134-10-2005_SP

Project No.
5134

Sheet 1 of 1

Figure 6

Revision 0



* DATA NOT CONTOURED
THE MCL FOR
Cis-1,2 DICHLOROETHENE
IS 70 ug/L

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP
PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

CIS-1,2-DICHLOROETHENE
CONCENTRATION MAP
JULY 2006

LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
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www.lata.com

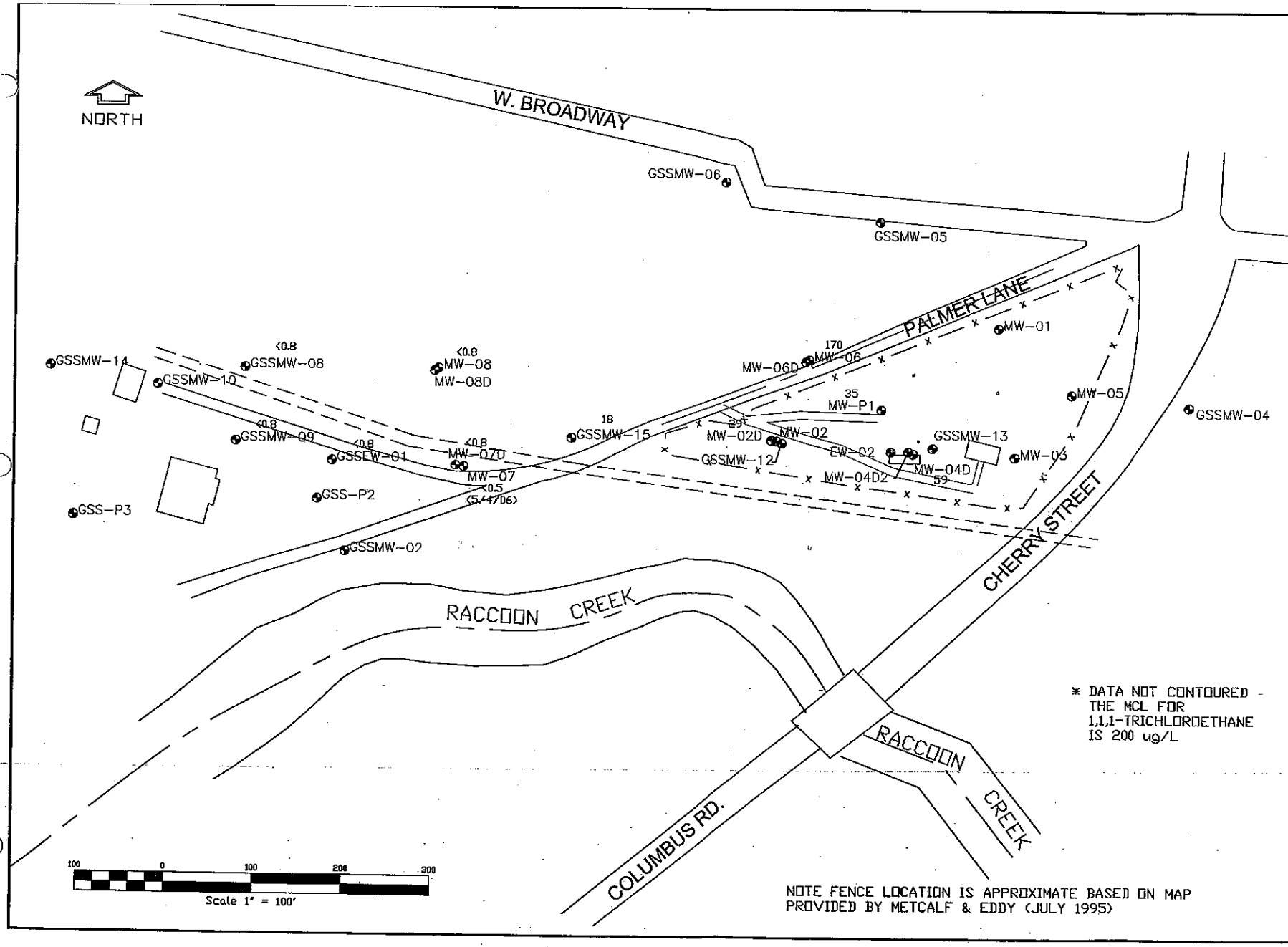
File Name
5134-10-2005_SP

Project No.
5134

Sheet 1 of 1

Figure 4

Revision 0



* DATA NOT CONTOURED - THE MCL FOR 1,1,1-TRICHLOROETHANE IS 200 ug/L

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	REVISION DESCRIPTION	Design	Drawn	Check
0	XX-XX-02	Description	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

1,1,1-TRICHLOROETHANE
CONCENTRATION MAP
JULY 2006

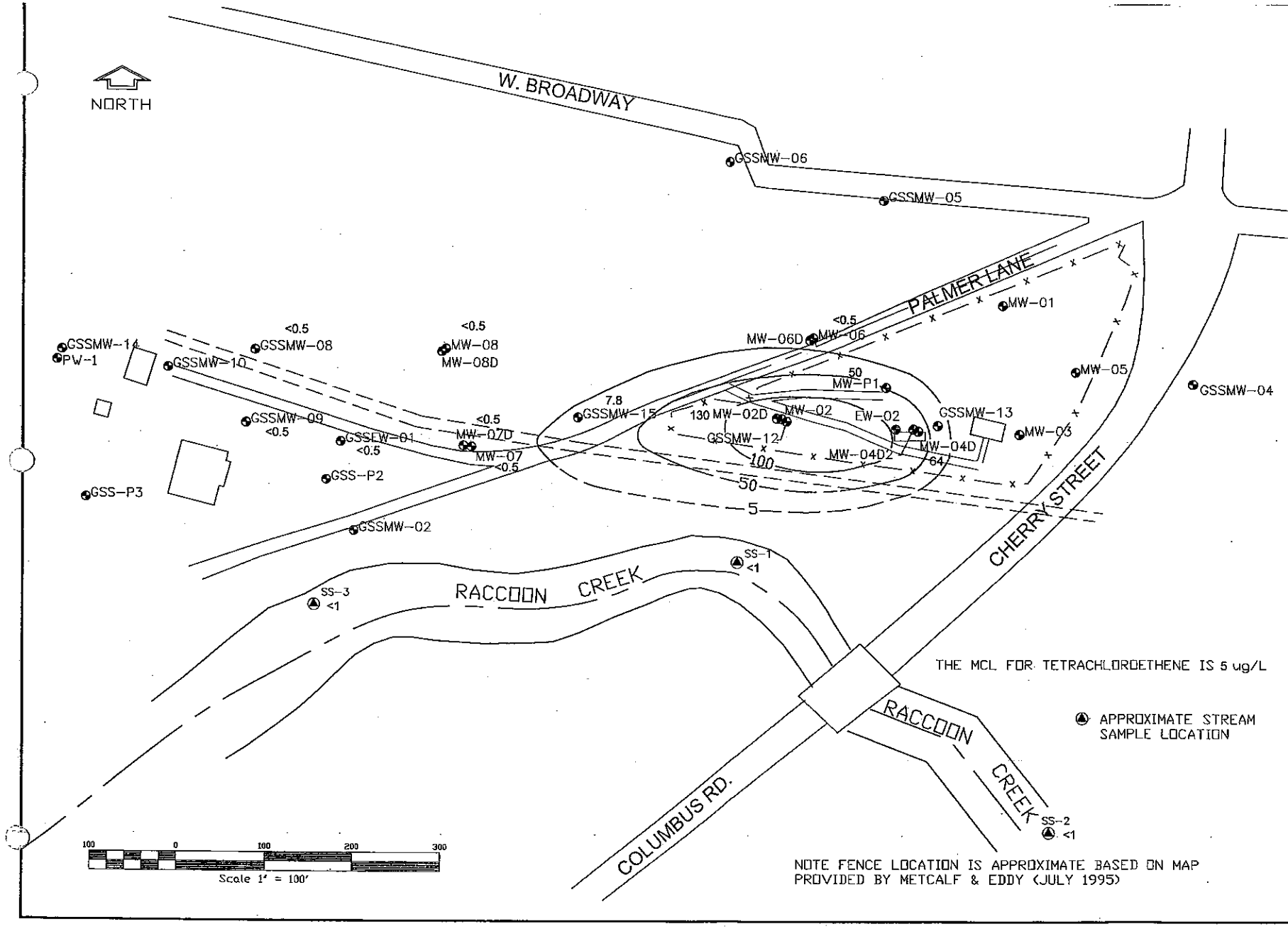
LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
Westerville, Ohio 43081
(614) 508-1200
Fax (614) 508-1201
www.lata.com

File Name
5134-10-2005_SP

Project No.
5134

Sheet 1 of 1

Figure	Revision
3	0



Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TETRACHLROETHENE (PCE)
ISOCONCENTRATION MAP
MAY 2007

LOS ALAMOS TECHNICAL ASSOCIATES INC.
756 Park Meadow Rd
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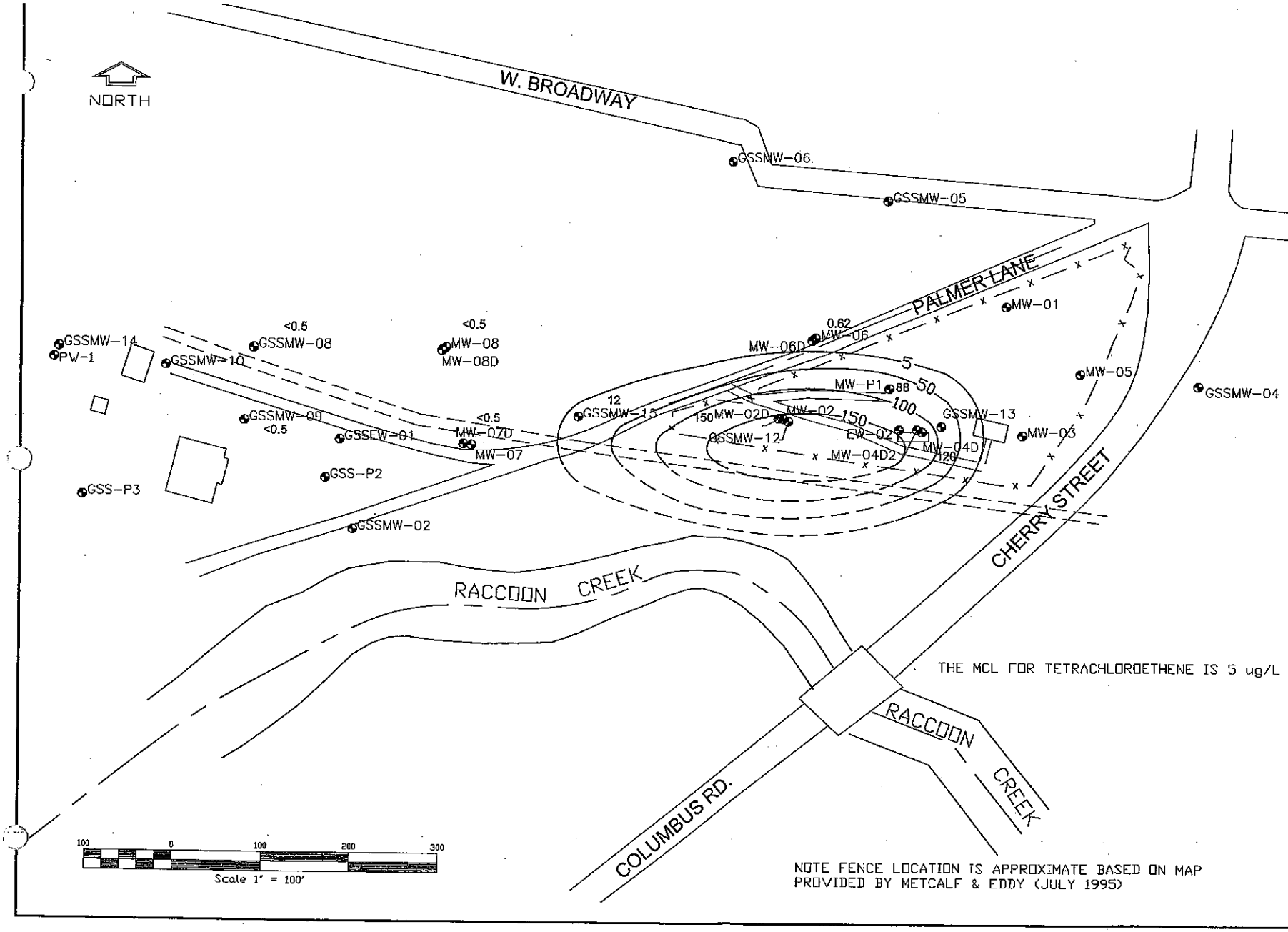
File Name
5314-PCE9-2007

Project No.
5134

Sheet 1 of 1

Figure 5

Revision 0



Rev.	Date	REVISION DESCRIPTION	Design	Drawn	Check
0	XX-XX-02	Description	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TETRACHLROETHENE (PCE)
ISOCONCENTRATION MAP
SEPTEMBER 2007

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5314-PCE9-2007

Project No.
5134

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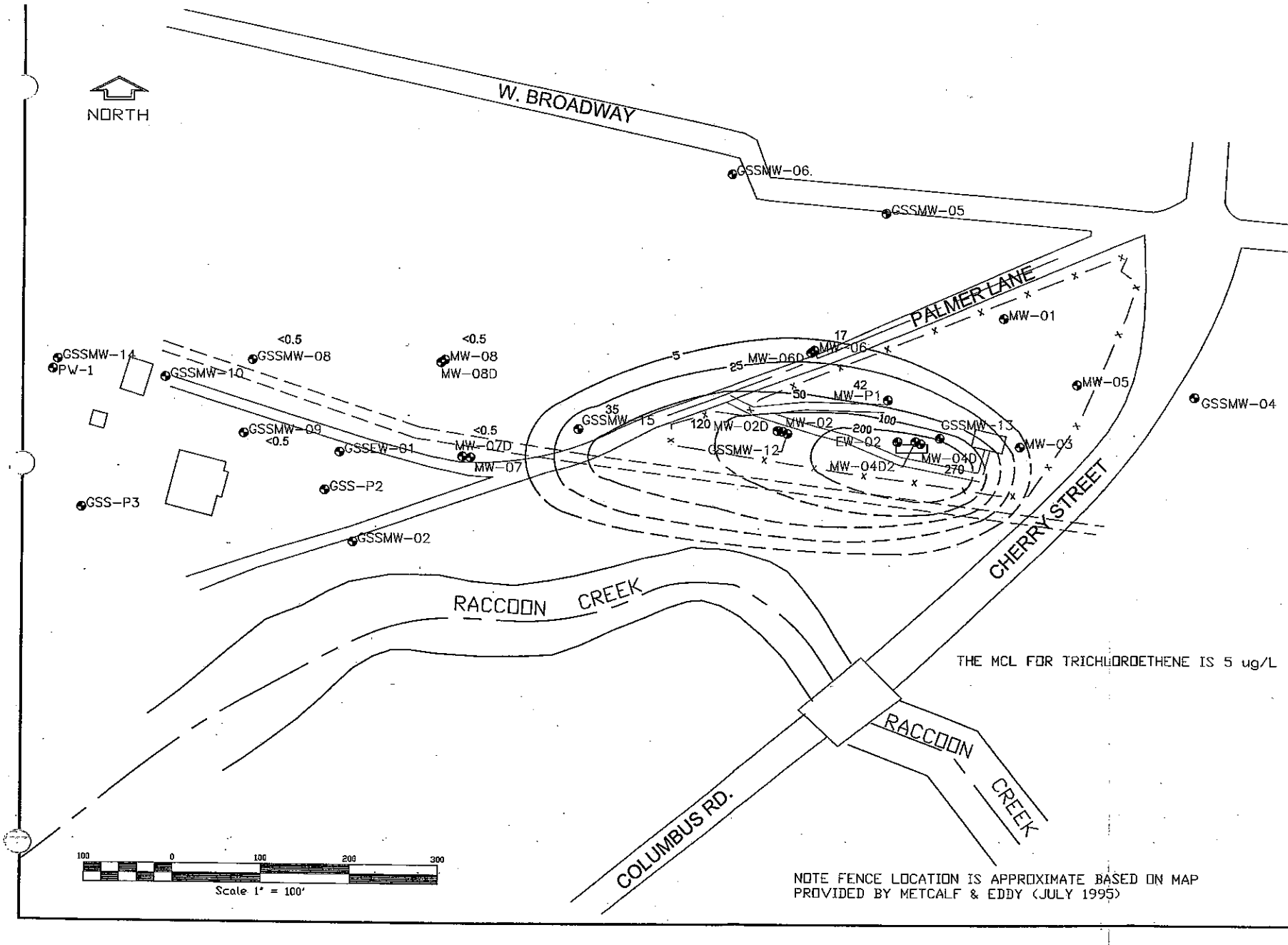
Figure	Revision
5A	0



Rev.	Date	Description	Design	Drawn	Check

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TRICHLOROETHENE (TCE)
ISOCONCENTRATION MAP
SEPTEMBER 2007

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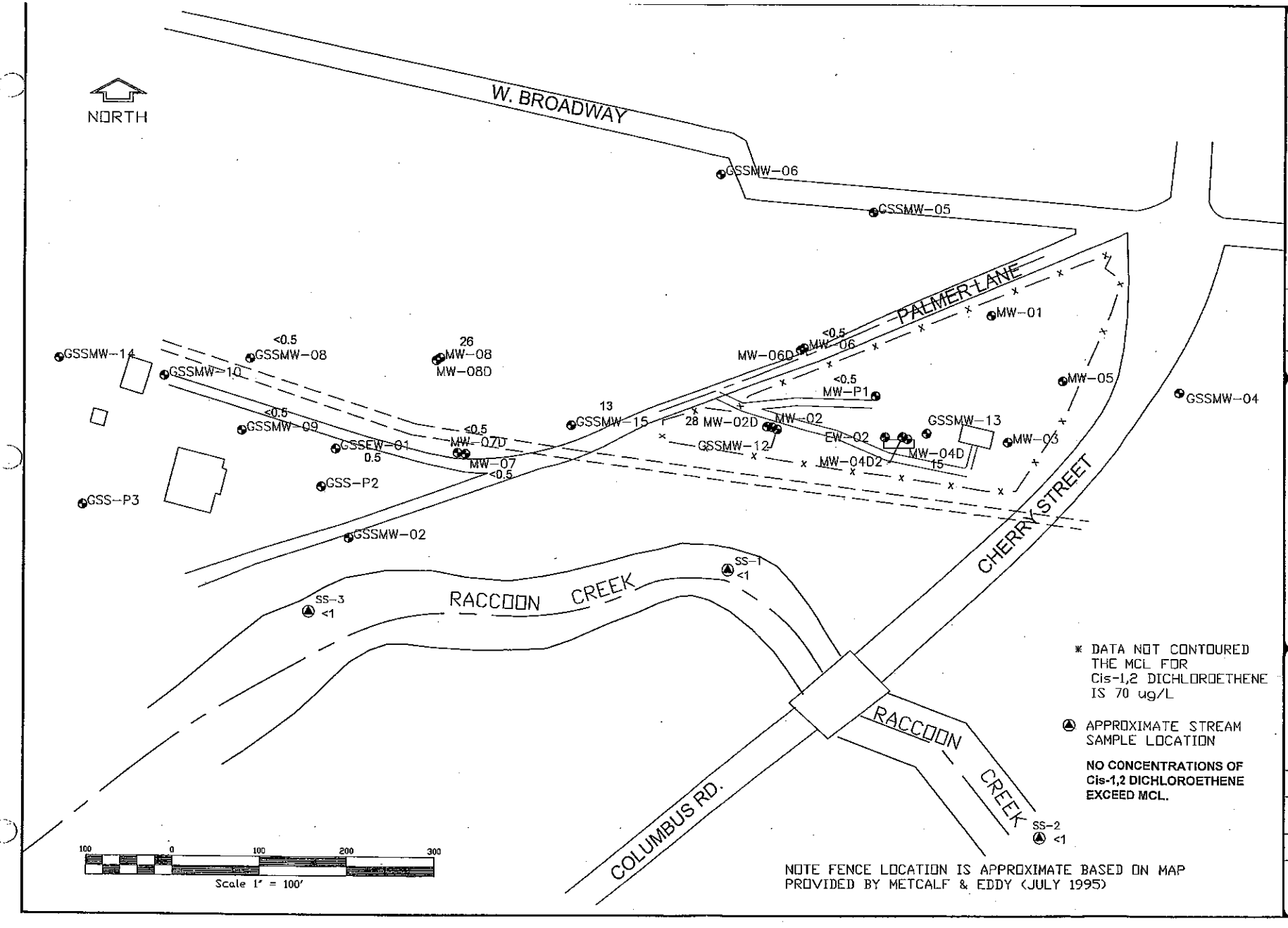
File Name
5134-10-2005_SP

Project No.
5134

Sheet 1 of 1

Figure 6A

Revision 0



* DATA NOT CONTOURED THE MCL FOR Cis-1,2 DICHLOROETHENE IS 70 ug/L

APPROXIMATE STREAM SAMPLE LOCATION

NO CONCENTRATIONS OF Cis-1,2 DICHLOROETHENE EXCEED MCL.

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

CIS-1,2-DICHLOROETHENE CONCENTRATION MAP
MAY 2007

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5314-cisl-2dce_9-2007

Project No.
5314

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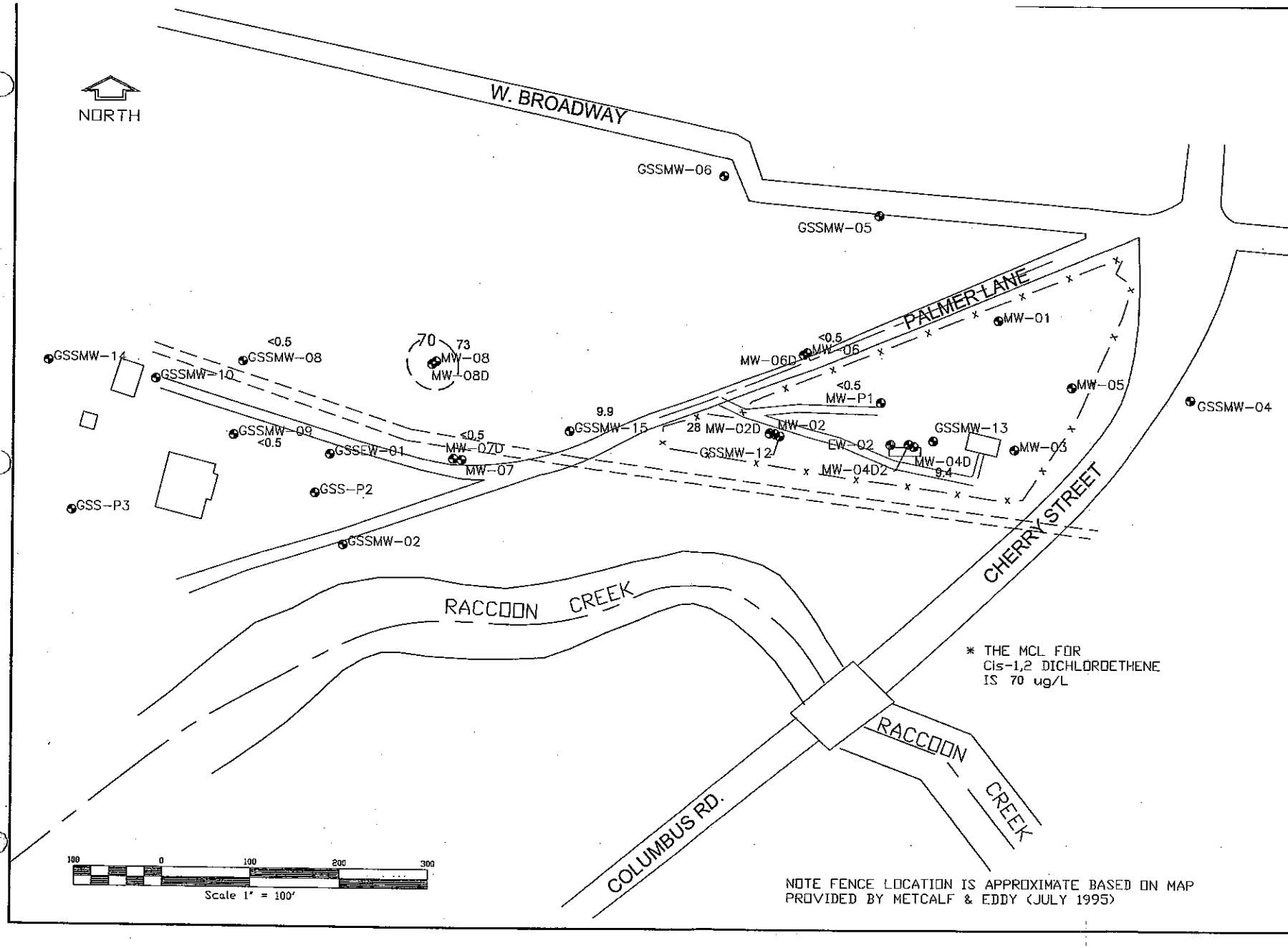
Figure 4

Revision 0



Rev.	Date	Description	Design	Drawn	Check

GRANVILLE SOLVENTS
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CIS-1,2-DICHLOROETHENE
CONCENTRATION MAP
SEPTEMBER 2007

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File Name
5314-cis1-2dce_9-2007

Project No.
5314

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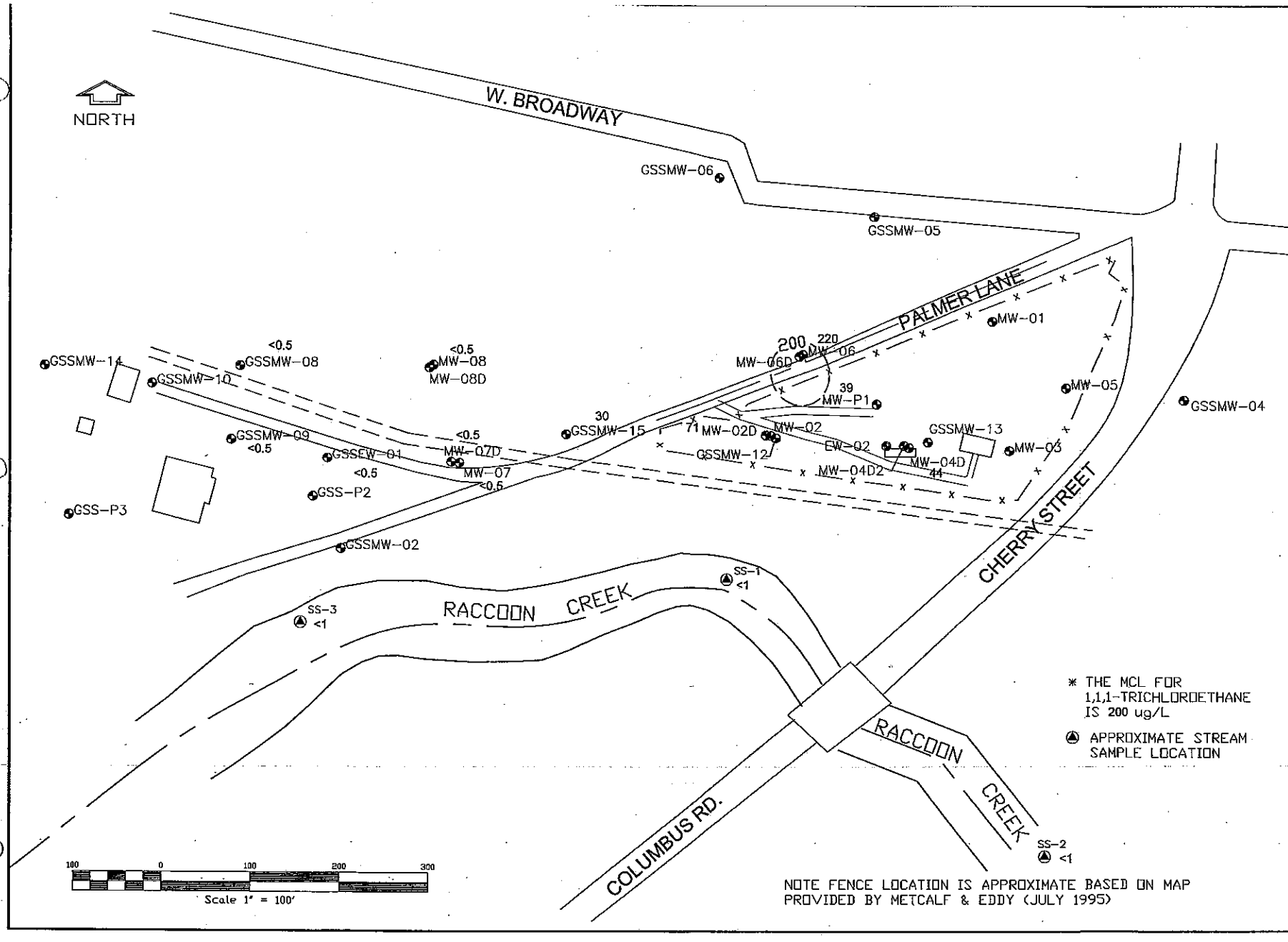
Figure 4A

Revision 0



Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

1,1,1-TRICHLOROETHANE CONCENTRATION MAP
MAY 2007

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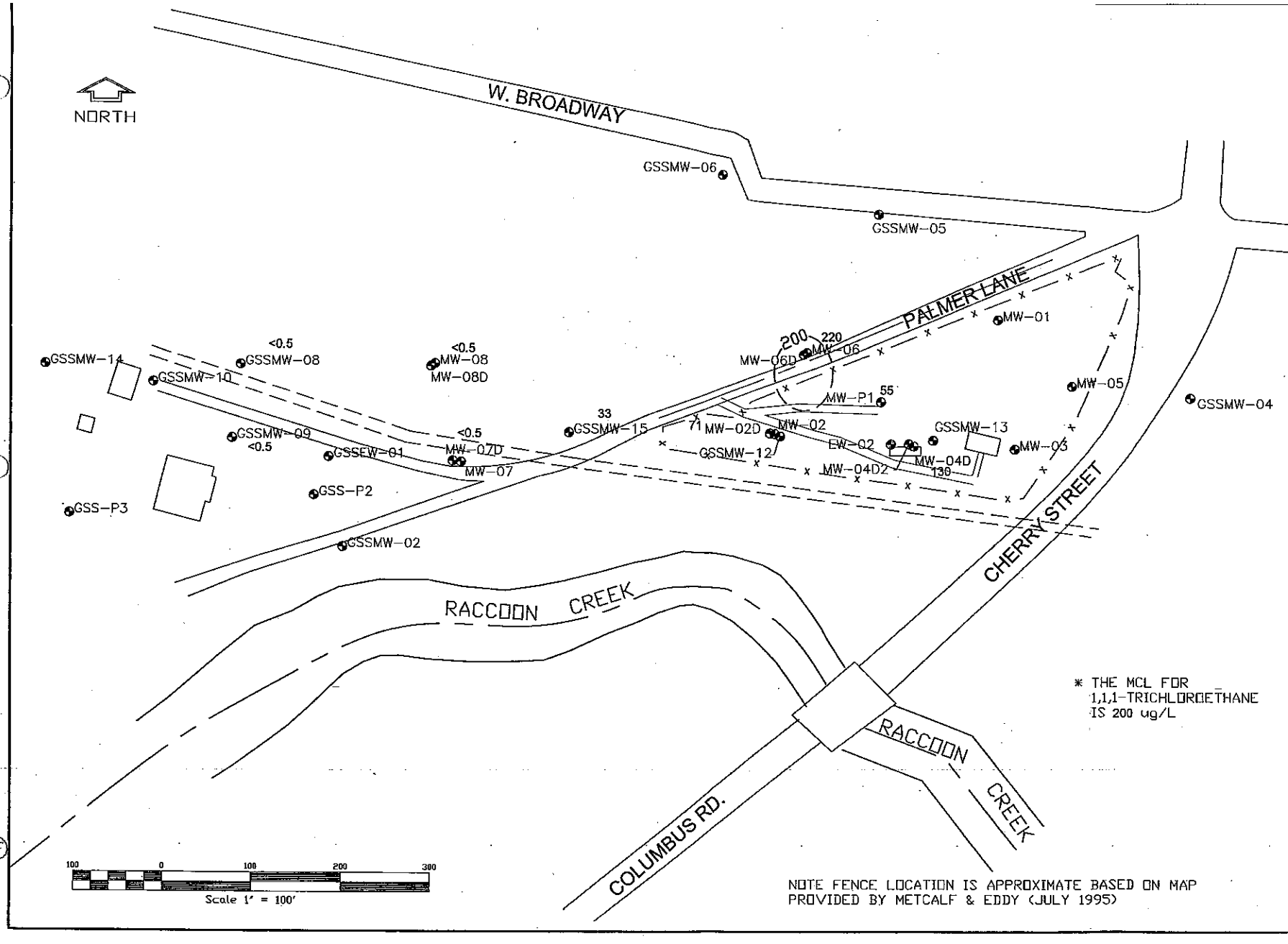
File Name
5314-111-tca_9-2007

Project No.
5134

Sheet 1 of 1

Figure	Revision
3	0



* THE MCL FOR 1,1,1-TRICHLOROETHANE IS 200 ug/L

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	REVISION DESCRIPTION	Design	Drawn	Check
0	XX-XX-02	Description	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

1,1,1-TRICHLOROETHANE
CONCENTRATION MAP
SEPTEMBER 2007

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File Name
5314-111-tca_9-2007

Project No.
5134

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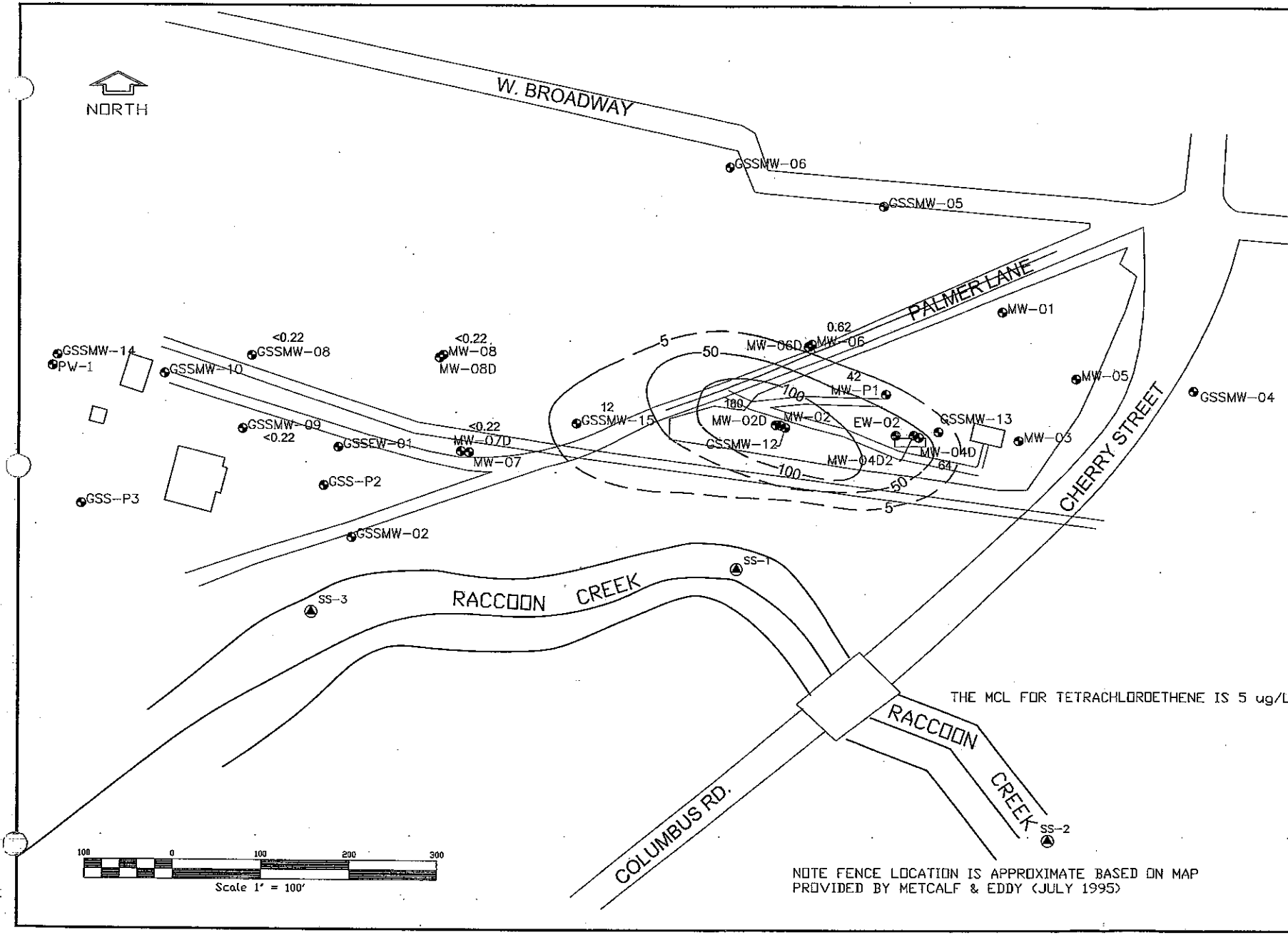
Figure 3A

Revision 0



Rev.	Date	REVISION DESCRIPTION	Design	Drawn	Check
0	XX-XX-02	Description	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TETRACHLROETHENE (PCE)
ISOCONCENTRATION MAP
SEPTEMBER 2008

LOS ALAMOS TECHNICAL ASSOCIATES, INC.
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5314--PCE9--2008

Project No.
5314

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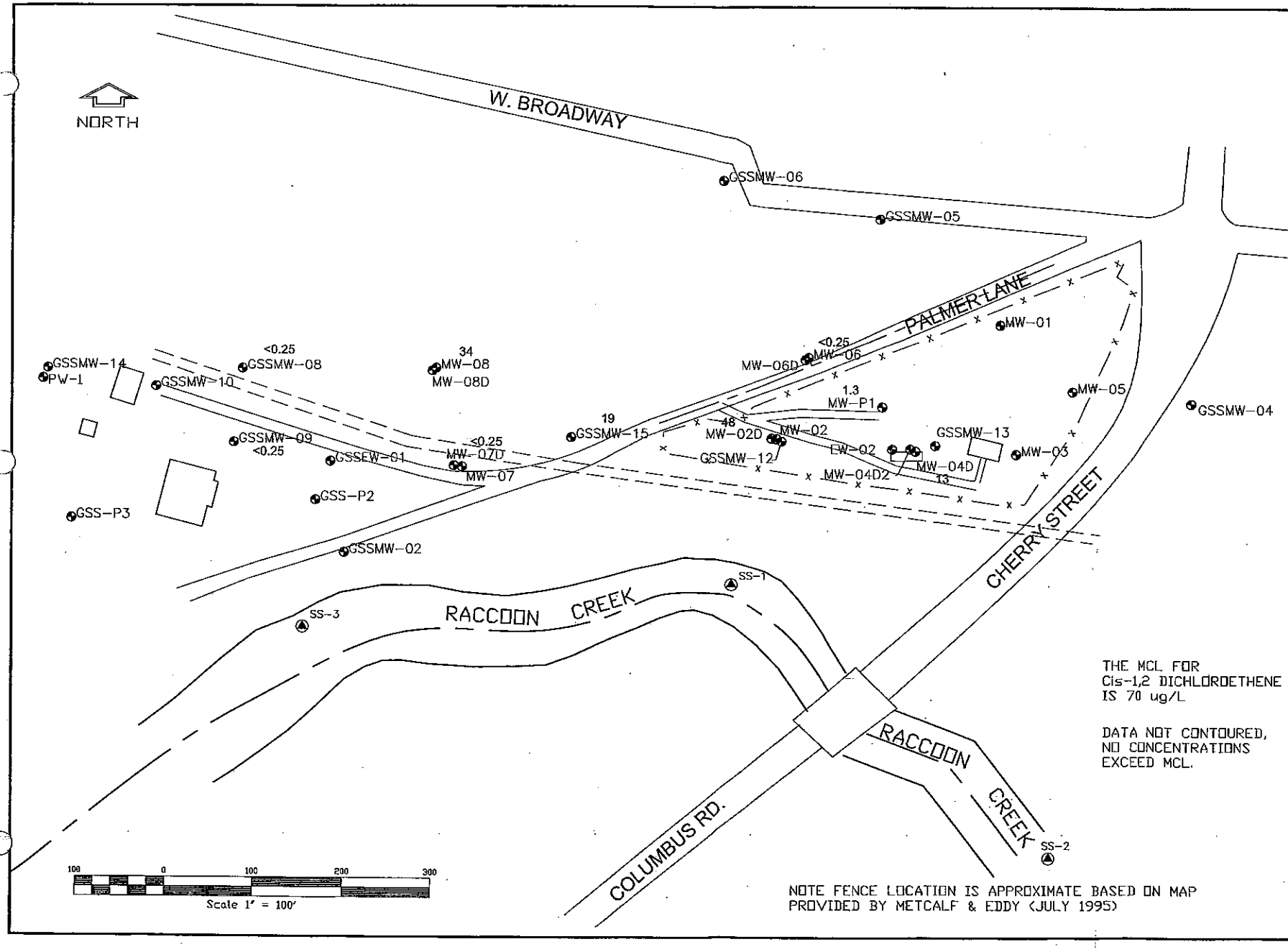
Figure 5A

Revision 0



THE MCL FOR
Cis-1,2 DICHLOROETHENE
IS 70 ug/L

DATA NOT CONTOURED,
NO CONCENTRATIONS
EXCEED MCL.

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP
PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	REVISION DESCRIPTION	Description	Design	Drawn	Check
0	XX-XX-02			XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

CIS-1,2-DICHLOROETHENE
CONCENTRATION MAP
SEPTEMBER 2008

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File Name
5314-cis1-2dce_9-2007

Project No.
5314

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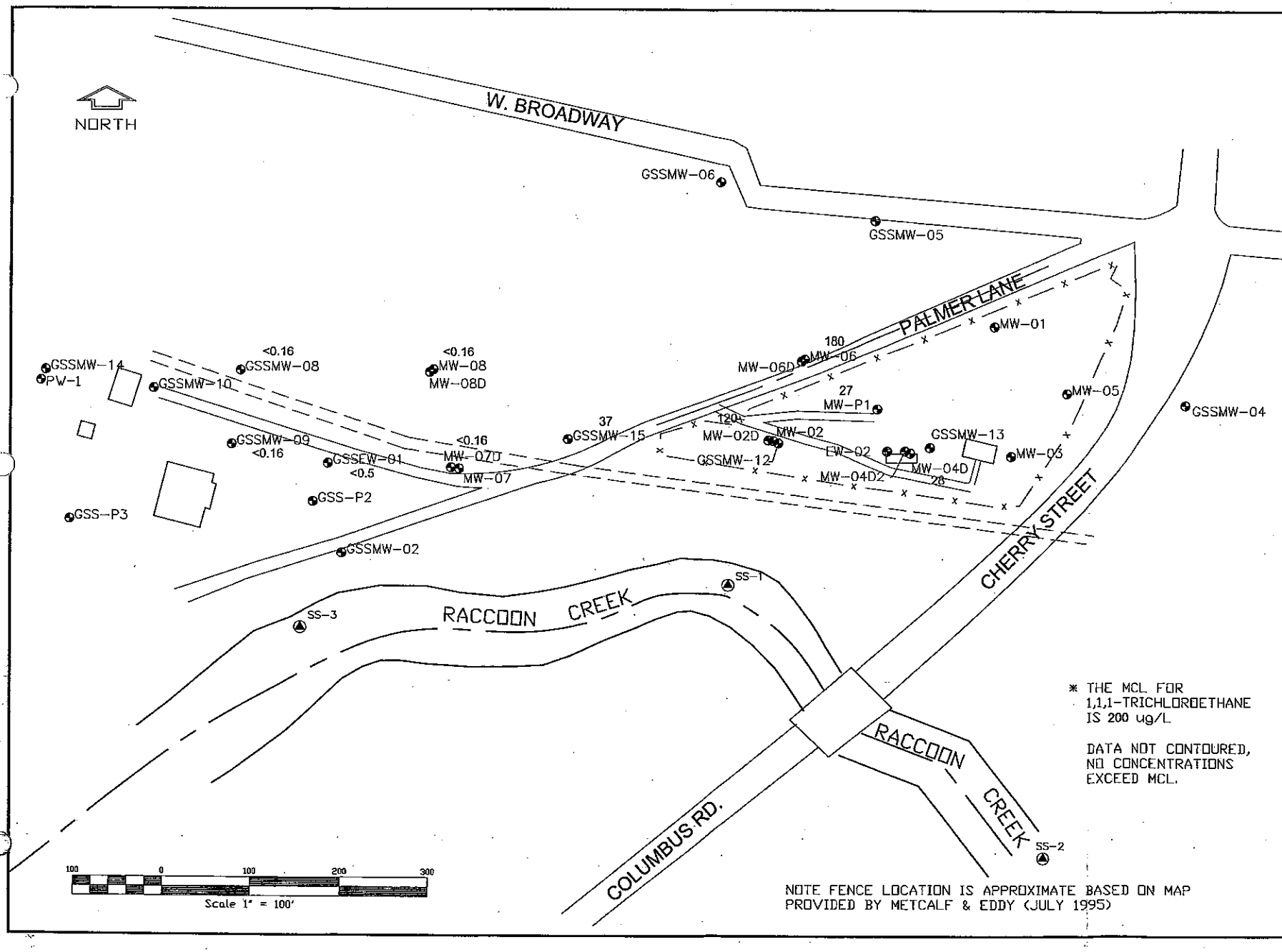
Figure 4A

Revision 0



* THE MCL FOR 1,1,1-TRICHLOROETHANE IS 200 ug/L

DATA NOT CONTOURED, NO CONCENTRATIONS EXCEED MCL.

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	REVISION DESCRIPTION	Design	Drawn	Check
0	XX-XX-02	Description	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

1,1,1-TRICHLOROETHANE
CONCENTRATION MAP
SEPTEMBER 2008

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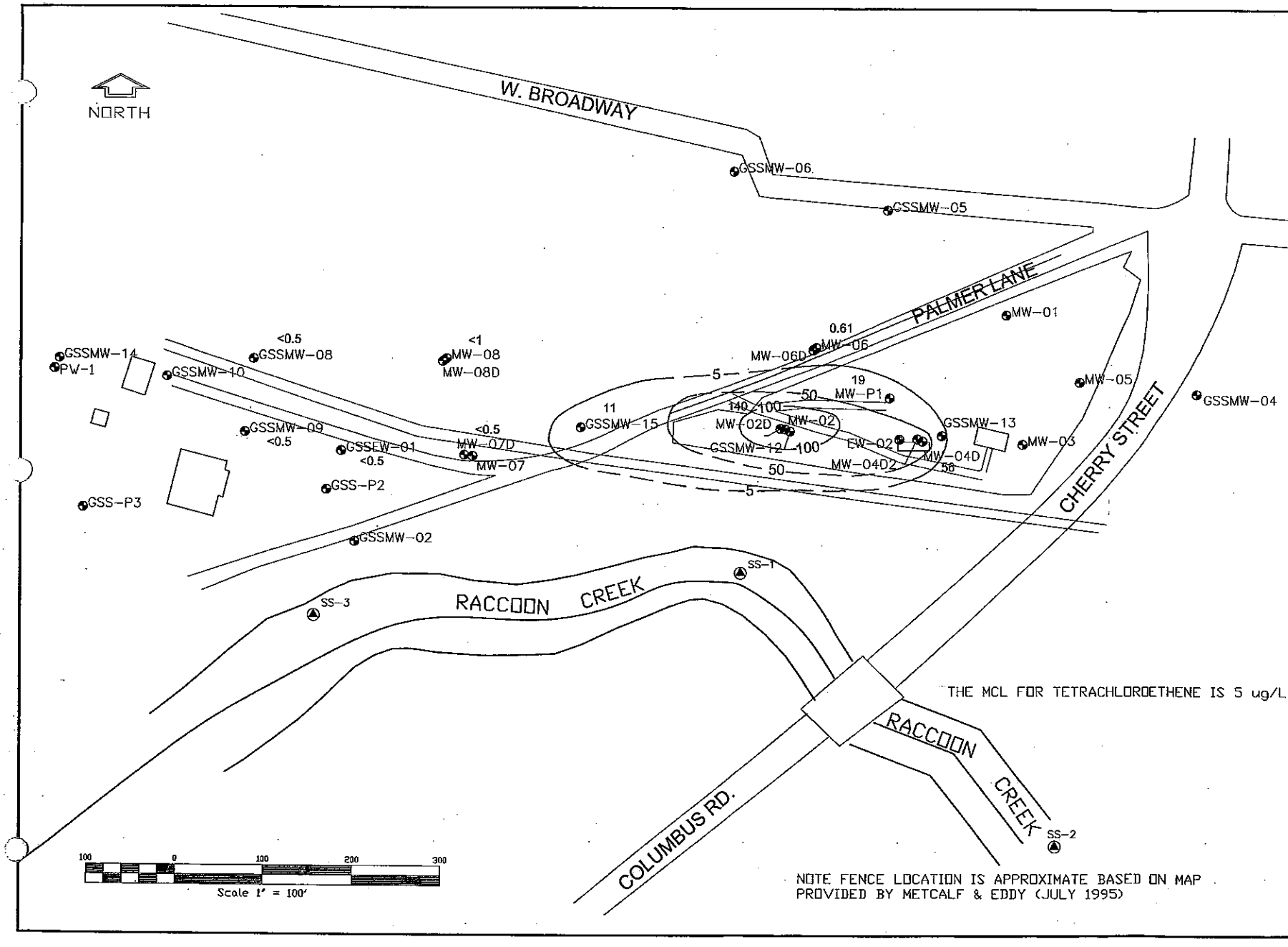
File Name
5314-111-tca_9-2008

Project No.
5314

Sheet 1 of 1

Figure 3A

Revision 0



Rev.	Date	REVISION DESCRIPTION	Design	Drawn	Check
0	XX-XX-02		XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TETRACHLROETHENE (PCE)
ISOCONCENTRATION MAP
APRIL 2008

LOS ALAMOS TECHNICAL ASSOCIATES INC.
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5314-PCE4-2008

Project No.
5314

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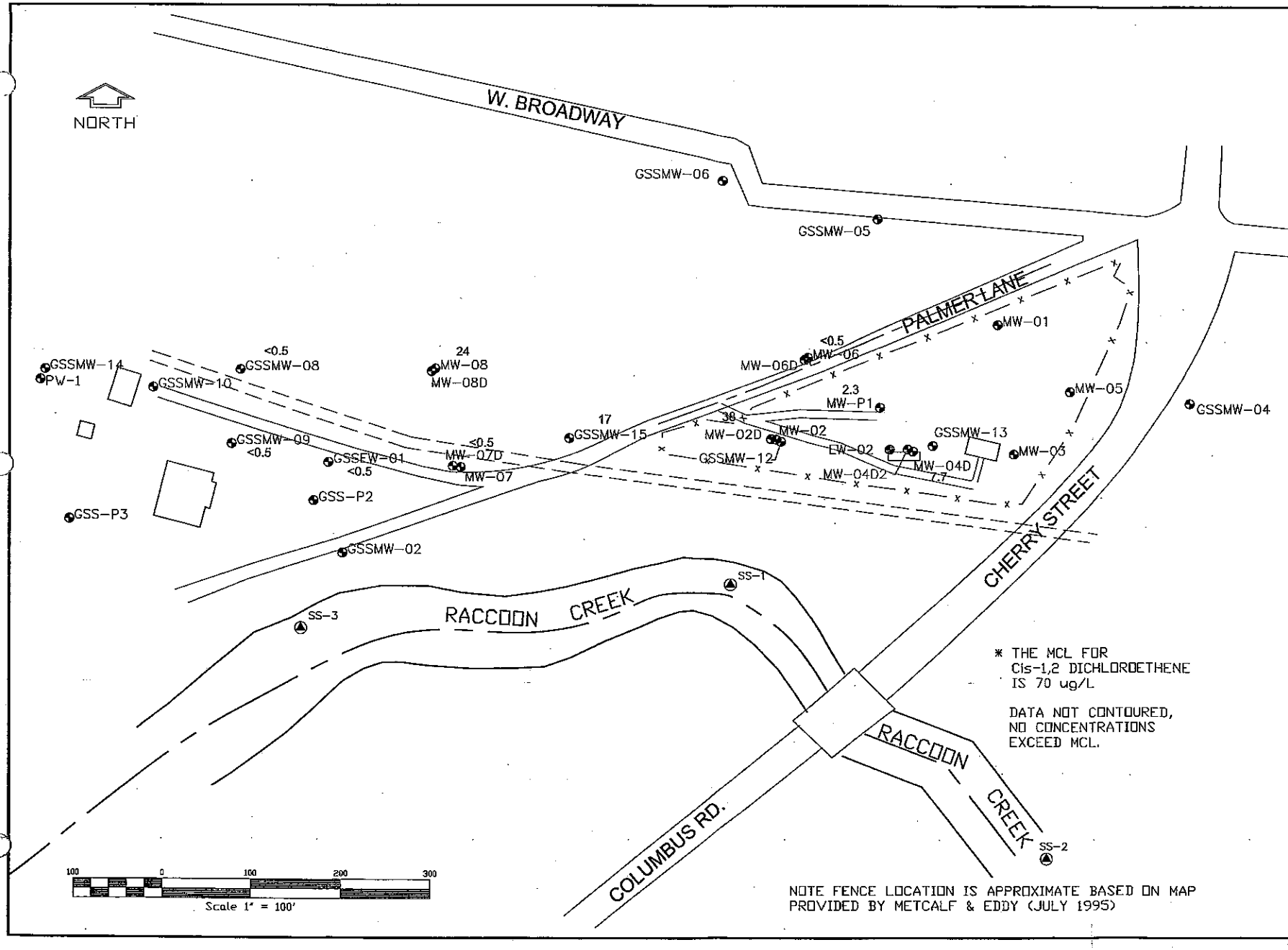
Figure 5

Revision 0



* THE MCL FOR Cis-1,2 DICHLOROETHENE IS 70 ug/L

DATA NOT CONTOURED, NO CONCENTRATIONS EXCEED MCL.

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	Description	Design	Drawn	Check

GRANVILLE SOLVENTS
GRANVILLE, OHIO

CIS-1,2-DICHLOROETHENE CONCENTRATION MAP
APRIL 2008

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File Name
5314-cis1-2dce_9-2007

Project No.
5314

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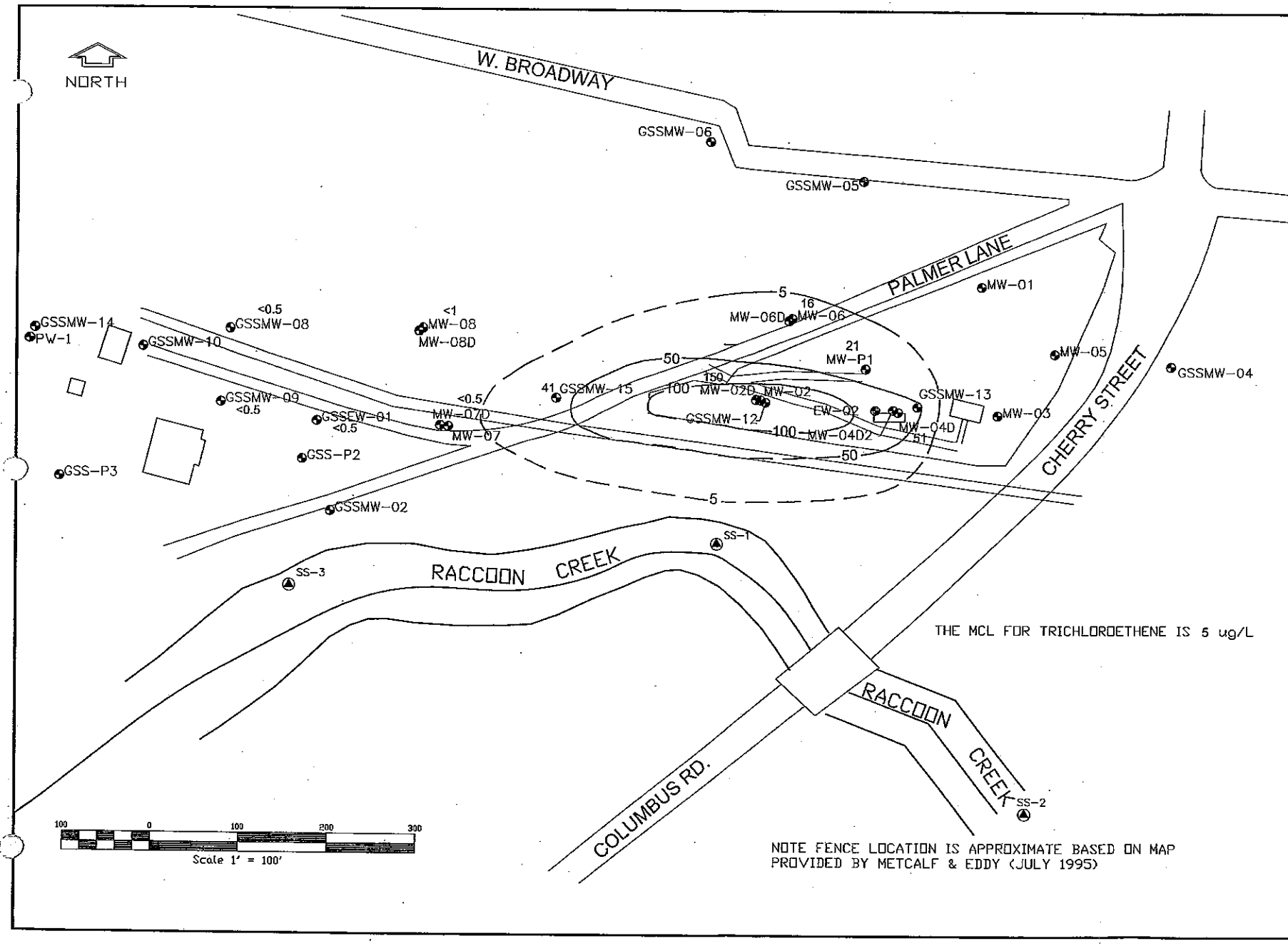
Figure 4

Revision 0



Rev.	Date	REVISION DESCRIPTION	Design	Drawn	Check
0	XX-XX-02	Description	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TRICHLOROETHENE (TCE)
ISOCONCENTRATION MAP
APRIL 2008

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5134-TCE-4-2008

Project No.
5314

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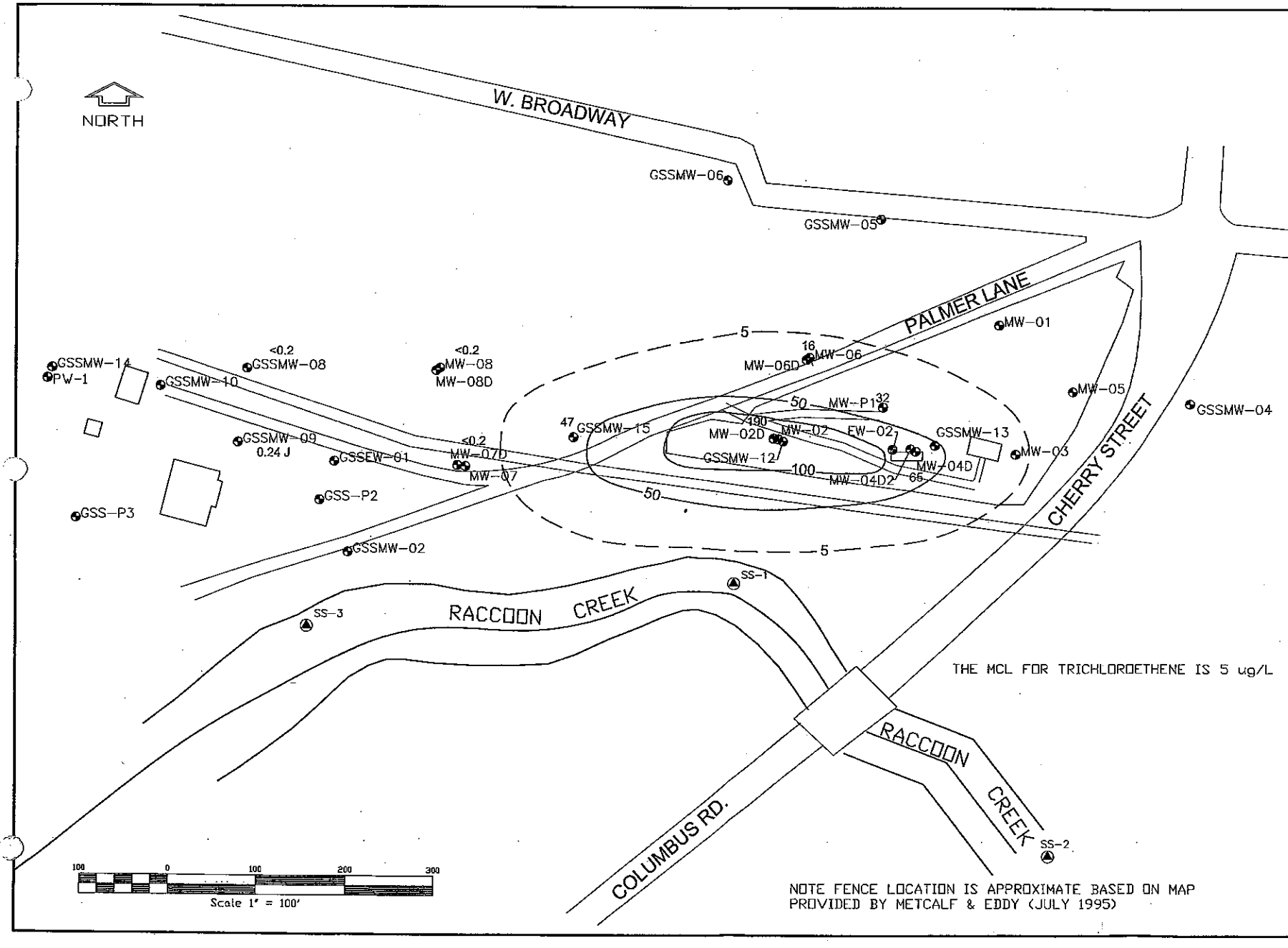
Figure 6

Revision 0



Rev.	Date	Description	Design	Drawn	Check

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TRICHLOROETHENE (TCE)
ISOCONCENTRATION MAP
SEPTEMBER 2008

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File Name
5134-tce 09-2008

Project No.
5314

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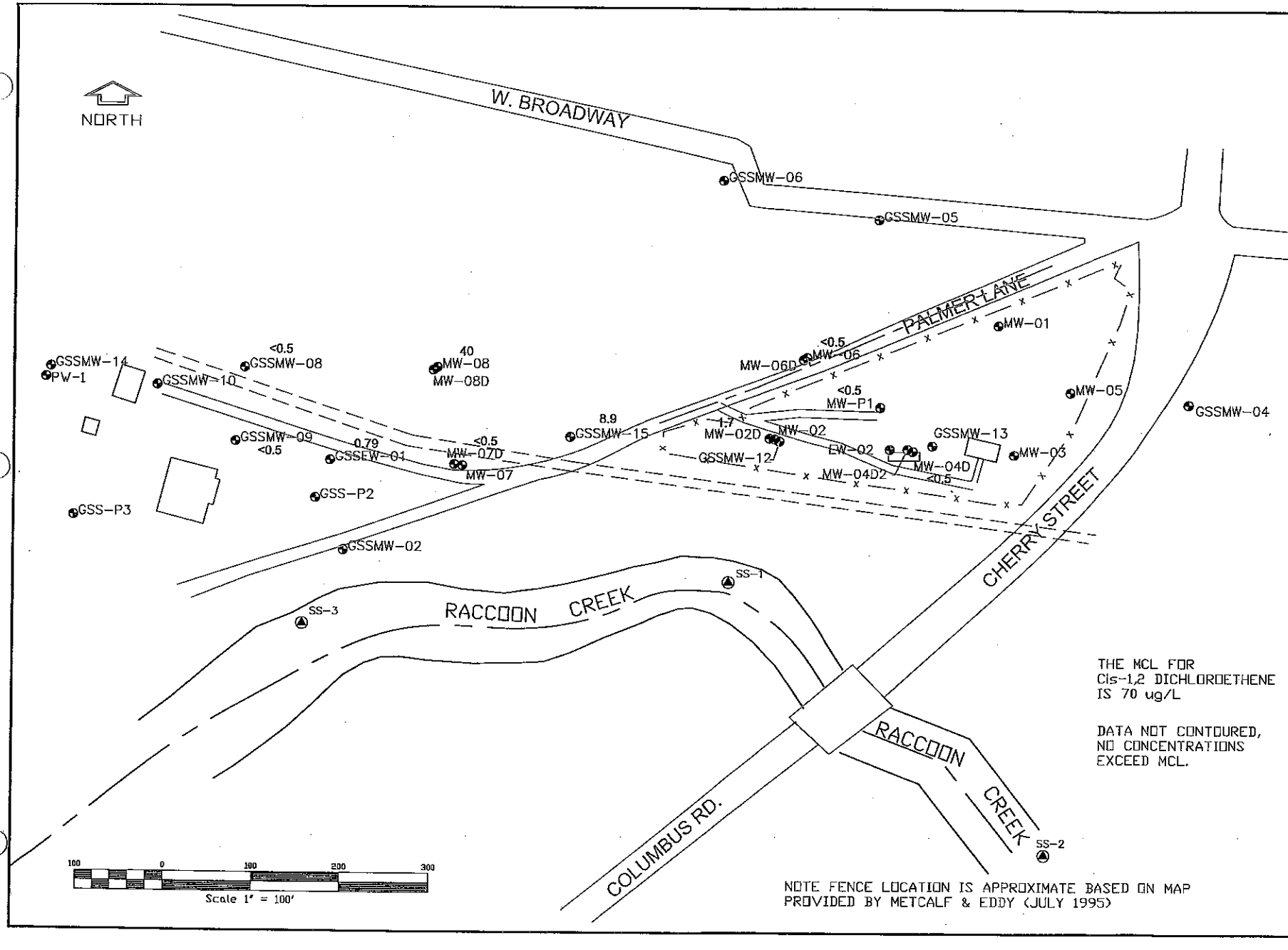
Figure 6A

Revision 0



THE MCL FOR
Cis-1,2 DICHLOROETHENE
IS 70 ug/L

DATA NOT CONTOURED,
NO CONCENTRATIONS
EXCEED MCL.

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP
PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	REVISION DESCRIPTION	Design	Drawn	Check
0	XX-XX-02	Description	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

CIS-1,2-DICHLOROETHENE
CONCENTRATION MAP
MARCH 2009

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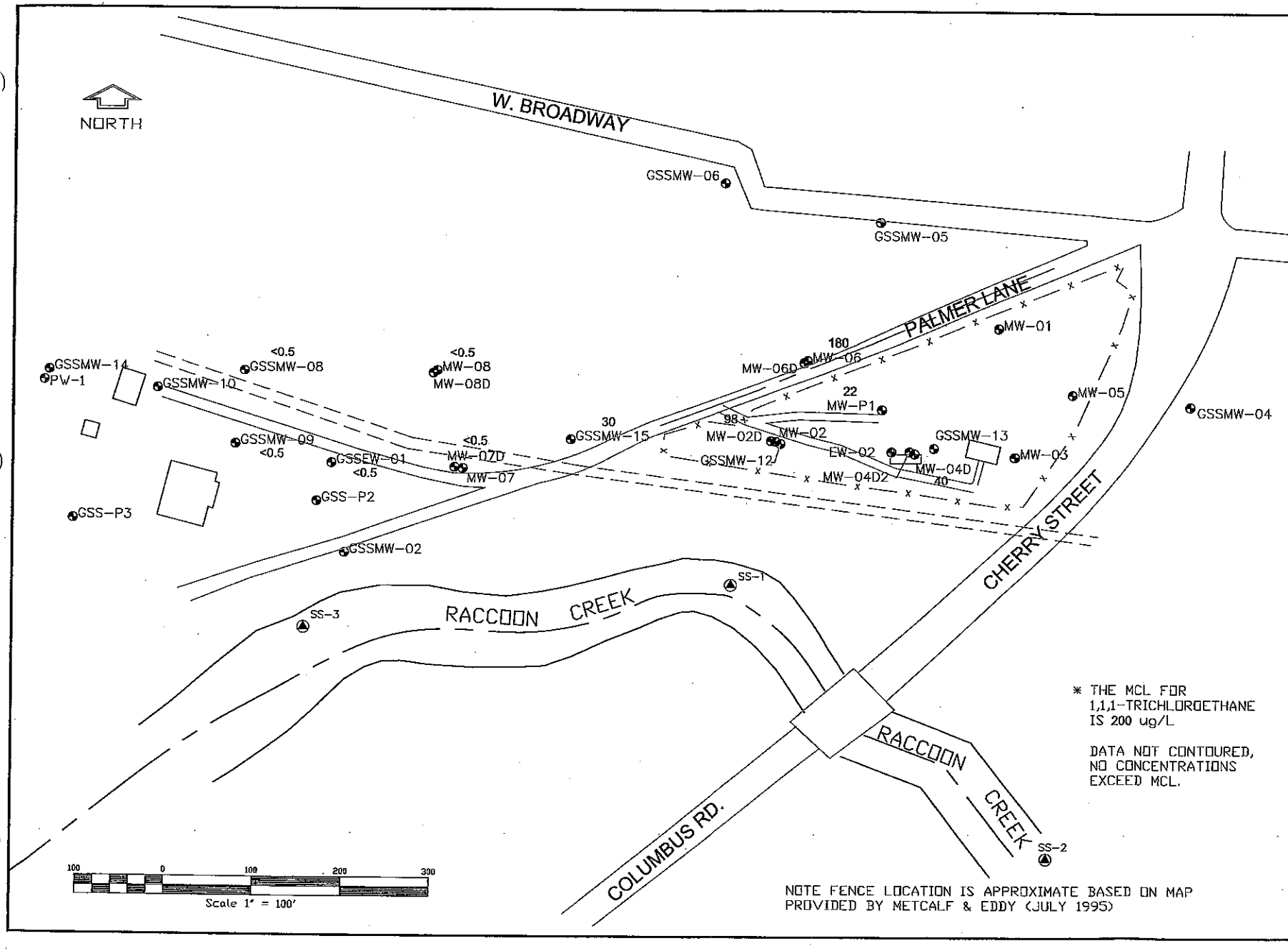
File Name
5314-cis1-2dce_03-2009

Project No.
5314

Sheet 1 of 1

Figure 4

Revision 0



* THE MCL FOR 1,1,1-TRICHLOROETHANE IS 200 ug/L

DATA NOT CONTOURED, NO CONCENTRATIONS EXCEED MCL.

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

1,1,1-TRICHLOROETHANE
CONCENTRATION MAP
MARCH 2009

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File Name
5314-111-tca_03-2009

Project No.
5314

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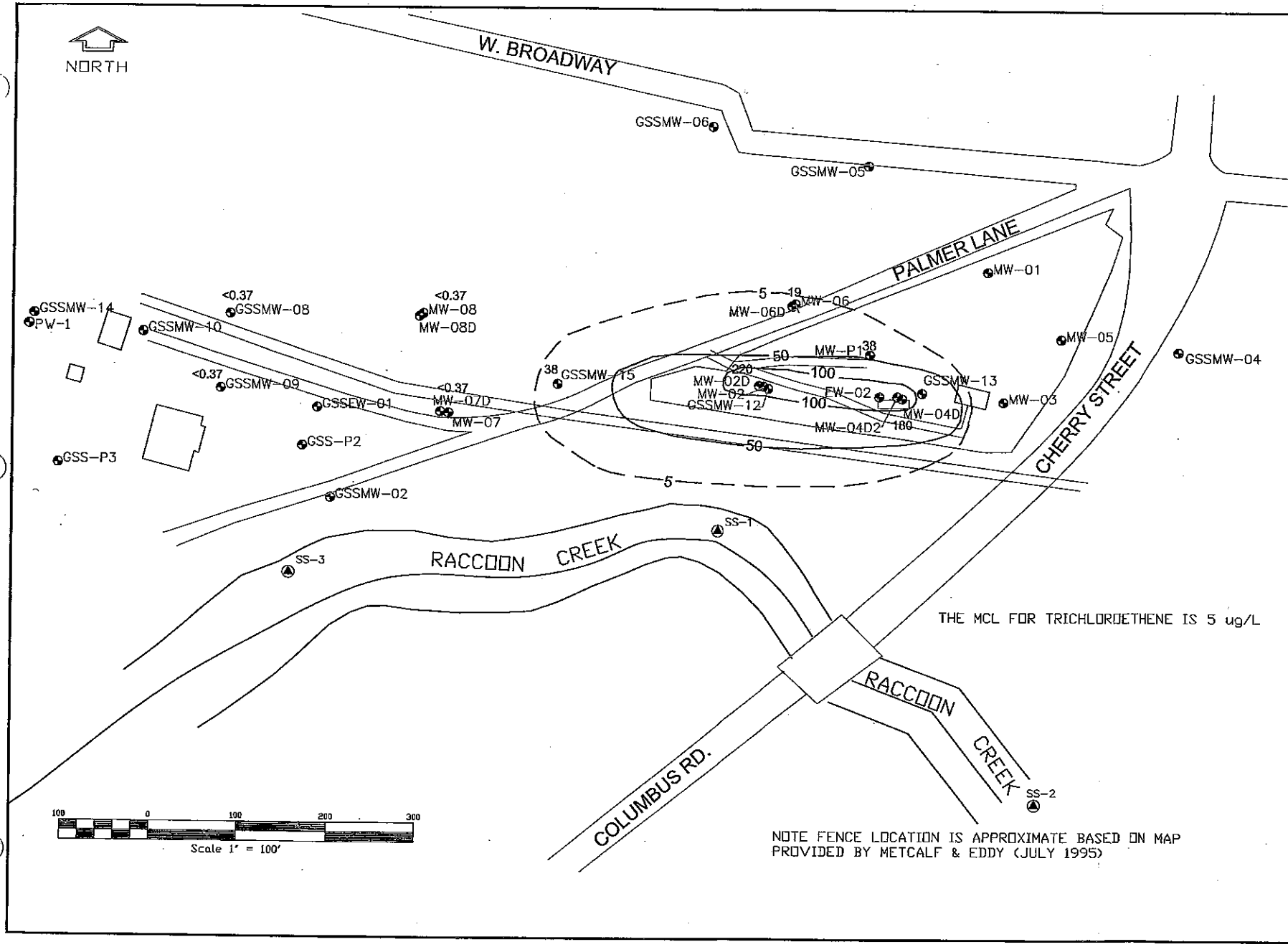
Figure 3

Revision 0



Rev.	Date	Description	Design	Drawn	Check

GRANVILLE SOLVENTS
GRANVILLE, OHIO

TRICHLOROETHENE (TCE)
ISOCONCENTRATION MAP
SEPTEMBER 2009

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File Name
5134-tce 09-2008

Project No.
5314

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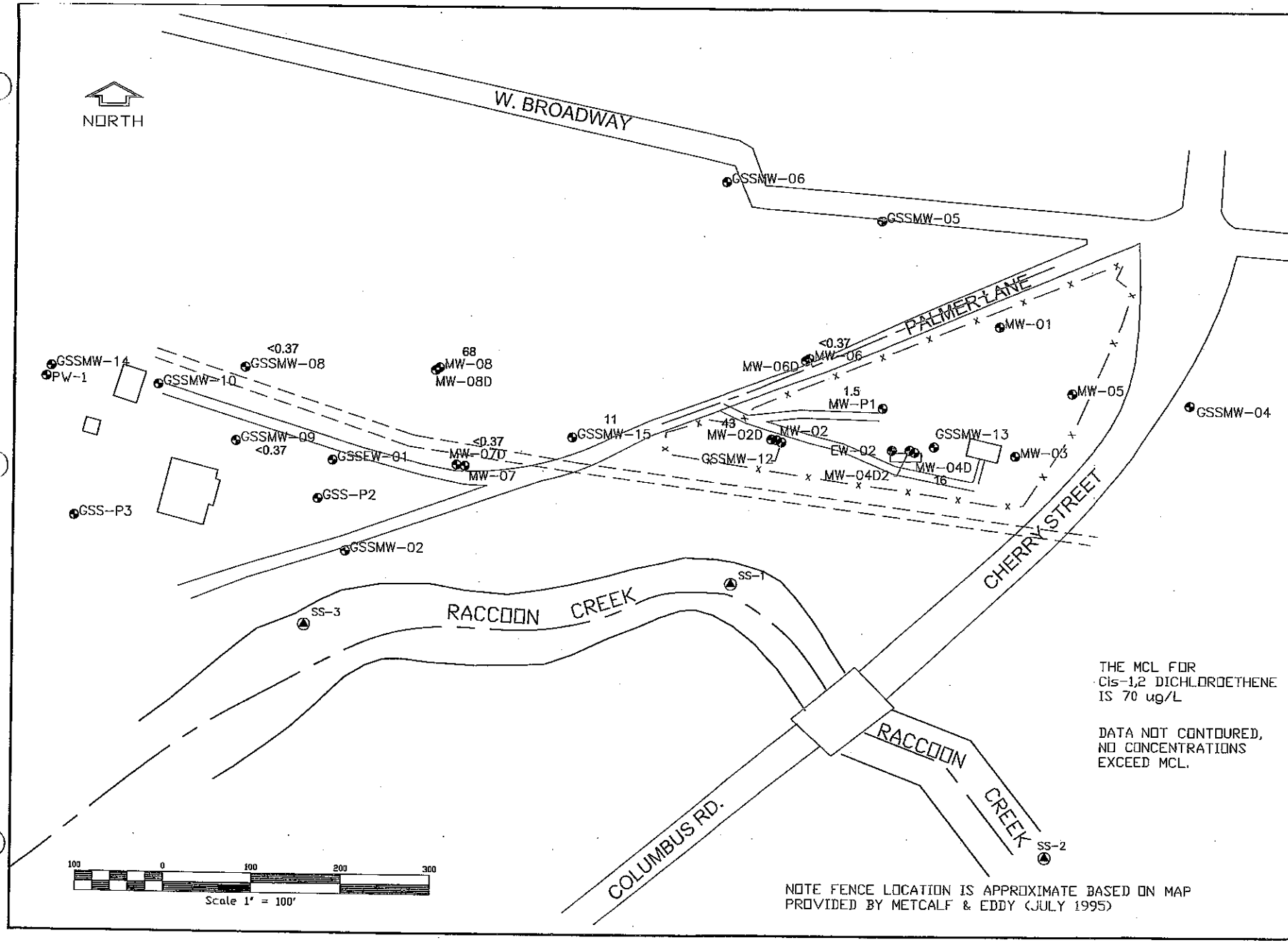
Figure 6A

Revision 0



THE MCL FOR
Cis-1,2 DICHLOROETHENE
IS 70 ug/L

DATA NOT CONTOURED,
NO CONCENTRATIONS
EXCEED MCL.

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP
PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	Description	Design	Drawn	Check
0	XX-XX-02	REVISION DESCRIPTION	XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

CIS-1,2-DICHLOROETHENE
CONCENTRATION MAP
SEPTEMBER 2009

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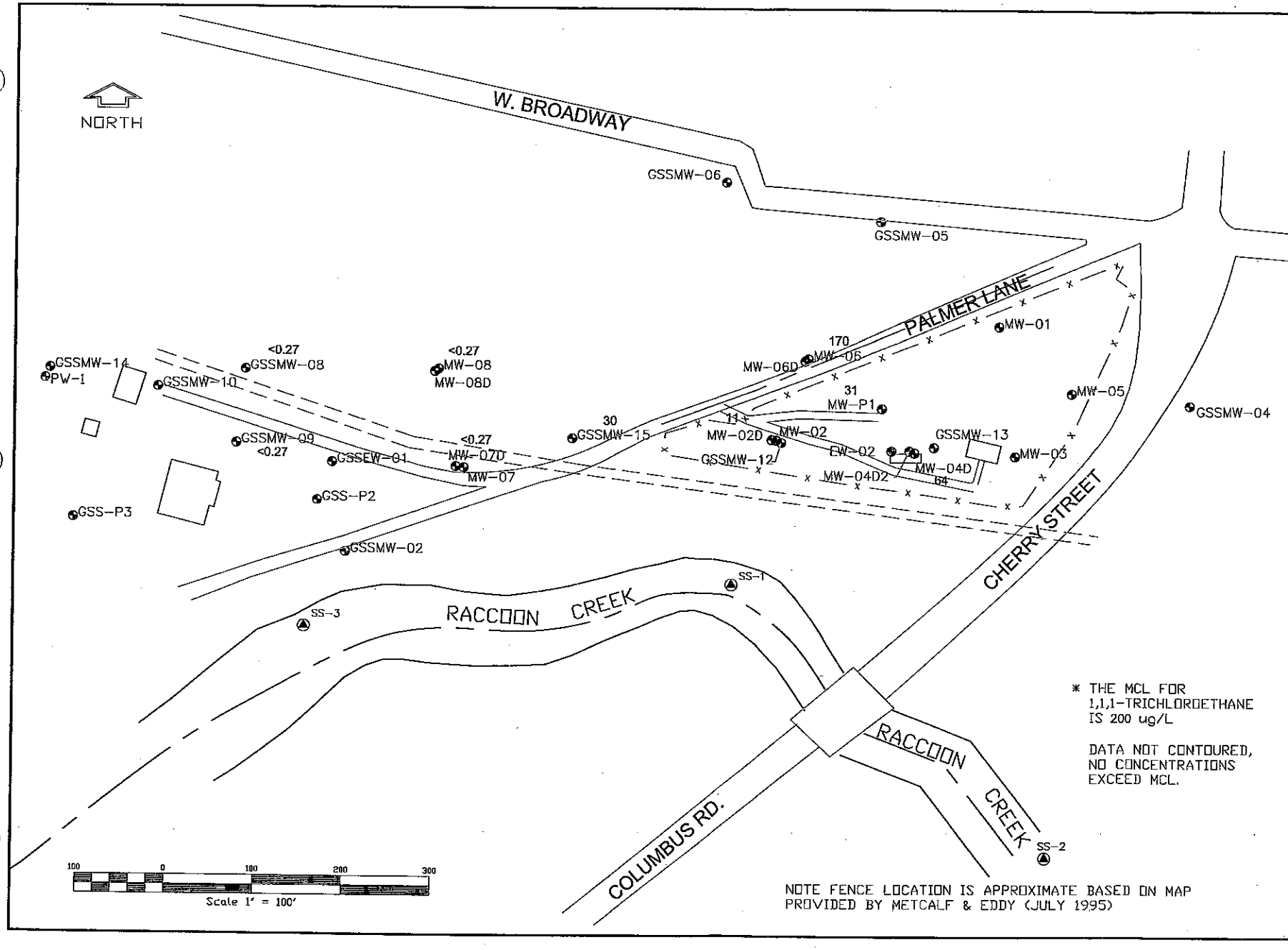
File Name
5314-cis1-2dce_03-2009

Project No.
5314

Sheet 1 of 1

Figure 4A

Revision 0



* THE MCL FOR 1,1,1-TRICHLOROETHANE IS 200 ug/L

DATA NOT CONTOURED, NO CONCENTRATIONS EXCEED MCL.

NOTE FENCE LOCATION IS APPROXIMATE BASED ON MAP PROVIDED BY METCALF & EDDY (JULY 1995)

Rev.	Date	REVISION DESCRIPTION Description	Design	Drawn	Check
0	XX-XX-02		XXX	XXX	XXX

GRANVILLE SOLVENTS
GRANVILLE, OHIO

1,1,1-TRICHLOROETHANE CONCENTRATION MAP
SEPTEMBER 2009

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Project No.
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Figure 3A

Revision 0