

Pinellas Environmental Restoration Project

Sitewide Environmental Monitoring Quarterly Progress Report for the Young-Rainey STAR Center October Through December 2003

January 2004



U.S. Department
of Energy



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Work Performed by S.M. Stoller Corporation under DOE Contract No. DE-AC01-02GJ79491
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Acronyms and Abbreviations

AST	air stripper tower
bls	below land surface
°C	degrees Celsius
CMS	Corrective Measures Study
CMIP	Corrective Measures Implementation Plan
COPC	contaminant of potential concern
DCE	dichloroethene
DOE	U.S. Department of Energy
EA	environmental assessment
EPA	U.S. Environmental Protection Agency
FDEP	Florida Department of Environmental Protection
FONSI	Finding of No Significant Impacts
ft	feet
ft/ft	feet per foot
gpm	gallons per minute
HSWA	Hazardous and Solid Waste Amendment
HRC	Hydrogen Release Compound [®]
ICM	interim corrective measures
IMW	Interim Measures Work (Plan)
IWNF	Industrial Wastewater Neutralization Facility
MCL	maximum contaminant level
MSL	mean sea level
µmhos/cm	micromhos per centimeter
µg/L	micrograms per liter
mg/L	milligrams per liter
mV	millivolt
NAPL	non-aqueous phase liquid
NEPA	National Environmental Policy Act
NGVD	national geodetic vertical datum
NTU	Nephelometric Turbidity Units
PCIC	Pinellas County Industrial Council
QA/QC	quality assurance/quality control
RCRA	Resource Conservation and Recovery Act
RFA	RCRA Facility Assessment
RPD	relative percent difference
STAR Center	Young - Rainey Science, Technology, and Research Center
STL	Severn Trent Laboratories
SWMU	solid-waste management unit
TCE	trichloroethene
TCOPC	total contaminant of potential concern
VOCs	volatile organic compounds
WWNA	Wastewater Neutralization Area

1.0 Introduction

The Young - Rainey Science, Technology, and Research Center (STAR Center) is a former U.S. Department of Energy (DOE) facility constructed in the mid-1950s in Pinellas County, Florida. The 99-acre STAR Center is located in Largo, Florida, and lies in the northeast quarter of Section 13, Township 30 South, Range 15 East (Figure 1). The STAR Center, while owned by DOE, primarily manufactured neutron generators for nuclear weapons. Other products manufactured at the STAR Center have included radioisotopically powered thermoelectric generators, thermal batteries, specialty capacitors, crystal resonators, neutron detectors, lightning-arrestor connectors, and vacuum-switch tubes. In 1987, the U.S. Environmental Protection Agency (EPA) performed a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) at the site to gather information on potential releases of hazardous materials. In February of 1990, EPA issued a Hazardous and Solid Waste Amendment (HSWA) permit to DOE, enabling DOE to investigate and perform remediation activities in those areas contaminated by hazardous materials resulting from DOE operations. On March 17, 1995, DOE sold the facility to the Pinellas County Industrial Council (PCIC). The sales contract included clauses to ensure continued compliance with Federal, State, and local regulations while DOE remediates the site. On July 1, 1999, the PCIC was disestablished and ownership of the STAR Center changed to the Pinellas County government. In November 2000, the State of Florida received HSWA authorization from the EPA. The Florida Department of Environmental Protection (FDEP) issued a new HSWA Permit to DOE in January 2002.

Administration of DOE activities at the facility is the responsibility of the DOE Idaho Operations Office. Responsibility for environmental restoration activities, conducted under the EPA RCRA Corrective Action Program of 1984, was transferred from DOE's Pinellas Area Office to DOE's Grand Junction Office in October 1997. S.M. Stoller Corporation (Stoller), a prime contractor to DOE's Office of Legacy Management (formerly DOE's Grand Junction Office), provides technical support to DOE for remediation and closure of all active solid-waste management units (SWMUs) on site.

The EPA RFA Report and the HSWA permit identified 15 sites at the former DOE facility that may have experienced environmental contamination as a result of past activities. Upon completion of the RCRA Facility Investigation, 11 of the 15 SWMUs were recommended by DOE and approved by EPA Region IV and the FDEP for no further action (DOE 1994). A twelfth site, the Former Pistol Range Site, was remediated in 1993 and recommended by DOE and approved by EPA Region IV and the FDEP for no further action.

Two additional SWMUs, the West Fenceline Site and the Wastewater Neutralization Area/Building 200 (WWNA/Building 200), were identified after the HSWA permit was issued, bringing the total to 17 SWMUs that have been identified and investigated at the STAR Center. Remediation of the West Fenceline Site was completed in 1997 and DOE recommended, and EPA Region IV and FDEP approved, no further action. A Corrective Measures Study (CMS)/Corrective Measures Implementation Plan (CMIP) was prepared and submitted in 1997 to EPA Region IV and FDEP to address the contamination at the WWNA/Building 200 Area.

Therefore, there are currently four sites that have contamination in the surficial aquifer ground water at levels in excess of protective standards. These four SWMUs, the Old Drum Storage Site (PIN06), the Industrial Drain Leaks-Building 100 Area (PIN12), the Northeast Site (PIN15), and the WWNA/Building 200 Area (PIN18), are undergoing remediation activities. Two SWMUs,

PIN06 and PIN12, are currently being remediated together because of their similar ground water contamination and proximity. These two SWMUs are collectively known as the Building 100 Area. [Figure 2](#) depicts the location of the four SWMUs.

Additional background information relative to each SWMU is briefly described below. This document also serves as the quarterly progress report for each of these four SWMUs. The results of monitoring activities, a summary of the treatment system performance, and a summary of ongoing and projected work are provided in this report.

1.1 Building 100 Area

The Building 100 Area (PIN06 and PIN12) is located in the southeast portion of the STAR Center. The Old Drum Storage Site is the former location of a concrete storage pad equipped with a drain and containment system used to store hazardous waste including dichloromethane (also known as methylene chloride), ignitable liquids, arsenic, and calcium chromate solids (DOE 1987a). Empty drums containing residual waste solvents were also stored in this area (DOE 1987b). The concrete pad was located near the northwest corner of Building 100. The pad was removed in October 1983 in accordance with an FDEP closure permit (DOE 1987a), and a closure report was submitted to the FDEP in August 1986 (DOE 1986). The decommissioning of the pad and the cessation of drum storage effectively removed the potential for a future contaminant source at PIN06.

Building 100 is the largest building at the STAR Center and covers approximately 11 acres. In the past, offices, laboratories, and production facilities for the DOE were housed in the building. SWMU PIN12 consists of the liquid waste drainage system serving Building 100. Four individual drainage systems (sanitary, chemical, health physics, and storm water) were present within the building. In 1989, all four drainage systems were investigated, including verifying the system routing and the condition of underground and above-ground piping and ancillary equipment (EMC 1989). As a result of this investigation, the health physics and chemical drainage systems were flushed, grouted, and abandoned (DOE 1997). Some of the chemical drain lines were replaced by an above-ground system currently used by tenants of the building.

A CMS and CMIP were completed and approved for the Building 100 Area because volatile organic compounds (VOCs) concentrations measured in ground water at the Old Drum Storage Site (PIN06) and one monitoring well located at the northwest corner of Building 100 (PIN12) exceeded the Safe Drinking Water Act and FDEP maximum contaminant levels (MCLs). Subsequent investigations revealed elevated VOCs concentrations under Building 100 and downgradient to the southeast as well. On August 15, 2000, EPA approved the Building 100 CMIP Addendum. FDEP approved this same document on November 15, 1999.

Commencing in May 2001, DOE began an analysis of the potential remediation strategies for the three Building 100 Area tasks: plume control, source treatment, and dissolved phase treatment. The *Building 100 Area Remediation Technology Screening Report* (DOE 2001) was prepared and assembled a list of remediation technologies, categorized them into the remediation tasks, and conducted an initial screening of the technologies. This initial screening eliminated the technologies that obviously would not work and recommended technologies that should be retained for detailed evaluation at a later time. The final technology for each task will be identified at a later date.

The *Building 100 Area Plume Control Technology Selection Report*, prepared in February 2002, conducted a detailed evaluation of five plume control technologies and recommended a technology that should be implemented for plume control at the Building 100 Area. Based on this evaluation, enhanced bioremediation was recommended to control the contaminant plume.

In-situ enhanced bioremediation to control the plume of dissolved contaminants at the Building 100 Area began as a pilot study on March 11, 2003. Hydrogen Release Compound[®] (HRC) was injected around three ground water monitoring wells through nine injection points surrounding each monitoring well from March 11 through March 14. Ground water samples will be collected from each of the three monitoring wells at approximately 2-month intervals through March 2004 to track the progress of HRC at remediating site contaminants in the subsurface. HRC was selected because it is an effective technology for optimizing degradation rates of chlorinated hydrocarbons dissolved in ground water. The continuous hydrogen source provided by the HRC can reduce the concentration of dissolved phase chlorinated hydrocarbons by greatly enhancing the reductive dechlorination process that occurs naturally at the Building 100 Area.

1.2 Northeast Site

In the late 1960s, before construction of the East Pond, drums of waste and construction debris were disposed of in the swampy area of the Northeast Site. The East Pond was excavated in 1968 as a borrow pit. In 1986, an expansion of the East Pond was initiated to create additional storm-water retention capacity. Excavation activities ceased when contamination was detected directly west of the East Pond. EPA identified the Northeast Site as a SWMU. An Interim Corrective Measures (ICM) Study was developed and submitted to EPA and approval of this document was received in October 1991. An interim ground water recovery system for the Northeast Site was installed, and operation commenced in January 1992. The implementation of this ICM system at this site is consistent with the regulatory goals of the EPA's RCRA Corrective Actions (Subpart S).

The ICM system, as initially installed, consisted of four recovery wells equipped with pneumatic recovery pumps, a holding tank, centrifugal transfer pumps, and approximately 2,500 feet (ft) of transfer and secondary containment piping. During 1993, DOE proposed a reconfigured system for the site consisting of four shallow and three deep recovery wells. After EPA approved the system upgrade, the system was reconfigured and became operational on March 1, 1994.

Between August and October 1995, after EPA and FDEP approval, a portion of the Northeast Site was excavated to remove debris and other materials that could inhibit future corrective measures. Location of the areas of excavation was based primarily on the results of a geophysical survey and knowledge of existing utility locations. Detailed descriptions of the debris removal activities were submitted to EPA and FDEP as part of the *Northeast Site Interim Measures Quarterly Progress Report* (DOE 1996).

In 1996, DOE submitted a CMIP to EPA Region IV and FDEP. This plan was approved by both regulatory agencies in 1997. As part of the Northeast Site CMS and CMIP, a pump-and-treat system in conjunction with a subsurface hydrogeologic barrier wall to prevent migration of the contaminant plume was identified as the best available technology. A pretreatment system for iron removal, an air stripper unit, and a tank for holding treated ground water before discharge to the Pinellas County Publicly Owned Treatment Works were recommended. The treatment system was constructed in early 1997 and became operational by July 1997 with seven Northeast

Site recovery wells and two Building 100 recovery wells pumping to the system influent tank. Subsequently several additional recovery wells were installed, and some of the old recovery wells were abandoned.

During 1997, anaerobic bioremediation and rotary steam stripping pilot tests were conducted in the northern and southern portions of the Northeast Site, respectively. These tests were designed by an Innovative Treatment Remediation Demonstration group of regulatory and industry members to provide remedial options at the STAR Center. At the conclusion of the field tests in July 1997, pump-and-treat technology resumed at the Northeast Site.

An Interim Measures Work (IMW) Plan for Remediation of Non-Aqueous Phase Liquids at the Northeast Site was submitted to FDEP in late November 2001. The purpose of this document was to present the plan for the interim measure to remediate non-aqueous phase liquids (NAPLs) at the Northeast Site. An ICM is warranted because it supports the long-term corrective action to remediate the dissolved phase contamination in the surficial aquifer to FDEP drinking water MCLs. Without this measure, NAPLs will continue to act as a source of dissolved contamination, resulting in contaminant concentrations in ground water well above the MCLs. FDEP approved this document on January 10, 2002.

Concurrent with the preparation of the IMW Plan, an Environmental Checklist recommending a Categorical Exclusion was prepared and approved by DOE on December 19, 2001. The Categorical Exclusion pathway was approved based upon the fact that the NAPL remediation of Area A is a small-scale, short-term cleanup action and the siting, construction, and operation of treatment facilities are temporary and pilot-scale in size.

A National Environmental Policy Act (NEPA) Action Review was conducted for the interim measure source removal action at Area B in October of 2002. A summary of the review concluded that Area B remediation would impact an area of approximately 38,000 square ft. The footprint of the above ground treatment system would be about 80 ft by 80 ft, and an estimated 84,000 gallons per day of ground water would be processed over a 24-week period of operation. The proposed interim measure, although not specifically identified in the 1995 *Environmental Assessment of Corrective Action at the Northeast Site (EA)*, was determined to be within the scope of the proposed actions. The remedial activity would occur within the same physical boundaries and address the same contaminants identified in the EA, but in a more concentrated form. Because the EA provided for “design modifications to reflect technological advances or site-specific conditions,” it was determined that the NAPL remediation of Area B was within the scope of the existing EA. However, this flexibility was not mentioned in the Finding of No Significant Impacts (FONSI) document signed in May 1995. Therefore, it was determined that the appropriate action under NEPA would require an amendment to the FONSI to include the broader scope of activities from the EA and any additional impacts from the NAPL removal action. The FONSI was amended, reviewed by the DOE-Idaho NEPA Planning Board, and approved by the DOE Grand Junction Office NEPA Compliance Officer on February 24, 2003.

Construction of the NAPL Area A treatment system began in late May 2002, and system startup occurred on September 26, 2002. NAPL treatment was partially complete on January 31, 2003, and totally finished on February 28, 2003. Three post-treatment sampling events occurred in March, May, and August 2003. Demobilization activities began in early March and were completed in September. The *Northeast Site Area A NAPL Remediation Final Report*

(DOE 2003a), describing thermal remediation of Area A, was sent to stakeholders on September 25, 2003.

1.3 WWNA/Building 200 Area

The WWNA/Building 200 Area includes the active Industrial Wastewater Neutralization Facility (IWNF), the area around Building 200, and the area south of the neutralization facility. The IWNF refers to the physical treatment facility that currently receives sanitary and industrial wastewater and has been in operation since 1957.

A CMS Report and CMIP were completed in 1997 for this SWMU because vinyl chloride, trichloroethene (TCE), and arsenic were detected in surficial aquifer ground water at concentrations above Federal and State MCLs. The recommended remediation alternative for the WWNA/Building 200 Area was ground water recovery with the Building 100 Area wells and an additional recovery well located in the WWNA. The CMIP recommended that recovered water from the additional well be discharged directly to the IWNF and that the recovery well in the WWNA/Building 200 Area will withdraw surficial aquifer ground water directly from the arsenic plume and thereby reduce the contaminant mass and prevent contaminant migration.

FDEP response to the CMS/CMIP concerning arsenic soil contamination in the upper 2 ft suggested that a treatment technology, air sparging, was eliminated too early. DOE then proposed a multi-phased Interim Action that included operating the recovery well for 6 months, then pulsing the system, as well as performing geochemical analyses and leaching studies of the site. On January 21, 1999, FDEP approved the proposed interim remedial action.

Additionally, EPA Region IV also approved the interim remedial action and concurred with the FDEP's position regarding the arsenic contamination. EPA also requested an addendum or modification to the CMIP that addresses DOE's final selection of the remediation technology and a timeline for the completion of these activities.

In early June 1999, the WWNA recovery well commenced operation. All arsenic concentrations from the WWNA recovery well, PIN18–RW01, were below the STAR Center's daily maximum discharge standard for arsenic in wastewater of 0.20 milligrams per liter (mg/L) until shutdown.

Additional details concerning the impacts of ground water extraction are reported in the WWNA/Building 200 Area CMIP Addendum (DOE 2000b). Modifications to the recovery of ground water were proposed based on data collected through November 1999 and consisted of the installation of two new recovery wells screened at shallow intervals. The CMIP Addendum was submitted to the regulators and approved by FDEP and EPA. A Statement of Basis (DOE 2000a) was issued by DOE in late September 2000. This document provides a summary of environmental investigations and proposed cleanup alternatives for the WWNA/Building 200 Area. Current activities at the WWNA include ground water extraction from three recovery wells, PIN18–RW02, –RW03, and –RW0501, that discharge to the STAR Center's wastewater system. [Table 1](#) depicts the results of the analysis of arsenic in ground water that is being recovered from these three wells.

1.4 Site Update

Demobilization of equipment and infrastructure for the in-situ thermal remediation operations was completed at the end of September 2003. Significant events associated with NAPL remediation during this reporting period are presented in the *Northeast Site Non-Aqueous Phase Liquids Interim Measures Progress Report October through December 2003* (DOE 2003b).

Safety and Ecology, Inc., the vendor that is implementing the in-situ enhanced bioremediation to control the plume of dissolved contaminants at the Building 100 Area, conducted ground water sampling activities in November at three ground water monitoring wells to track contaminant concentrations and other ground water parameters. Ground water sampling will occur approximately every 2 months continuing through March 2004. The November sampling event occurred approximately 34 weeks after completion of HRC injection. The data continue to indicate that the injection of HRC is having an influence in the pilot test area based on increasing concentrations of the metabolic acids (as produced from HRC) and the decreasing concentrations of sulfate and iron.

1.5 Waste Minimization and Pollution Prevention

Based on the Federal Pollution Prevention Act, waste minimization efforts at the STAR Center will be documented and reported annually. For 2003, several significant waste minimization and pollution prevention activities were successful. The majority of these activities resulted from the completion of remediation efforts at Area A in the Northeast Site and the dismantling of the ground water treatment system at the 4.5 Acre Site, and include the following:

- 6.5 gallons of used hydraulic oil was recycled,
- Empty plastic 55-gallon drums were recycled,
- 33 cubic yards of wire, piping and aluminum insulation wrap were recycled as scrap metal,
- 17,000 pounds of spent carbon was sent for reactivation and reuse,
- 6,650 cubic feet of asphalt was recycled,
- 12,000 cubic feet of sand and limestone road base was reused as fill material after it was verified to be clean,
- 40 cubic yards of concrete rubble was reused as fill material after it was verified to be clean,
- Older excess computers and associated equipment were donated to a local school, and
- Metal support systems and the filter press system was salvaged for scrap metal and reuse after dismantling of the 4.5 Acre Site ground water treatment system.

1.6 Quarterly Site Activities

Stoller personnel conducted the following tasks at the STAR Center to fulfill the requirements of the scope of work for quarterly sampling:

- Obtained water-level measurements from all accessible monitoring wells, recovery wells, and ponds on October 6 and 7, 2003.
- Conducted the quarterly sampling event in October 2003. The semiannual sampling event included collecting water samples from 121 monitoring and recovery wells. VOCs samples were collected at 97 wells. Arsenic was sampled at 103 wells. Chromium was sampled at 18 wells.
- Reported the results of quarterly sampling events (this document).
- Finalized procurement of a new analytical laboratory, Accutest Laboratories, Inc.

2.0 Water-Level Elevations

2.1 Work Conducted and Methods

Within a 24-hour period on October 6–7, 2003, depth-to-water measurements were taken at all accessible monitoring wells and extraction wells at the STAR Center. The water levels were measured with an electronic water-level indicator with the exception of some of the ponds, which are measured with gauging stations. Ground water and surface-water elevations are listed in [Table 2](#).

2.2 Ground Water Flow

Ground water and surface-water elevations were used to construct sitewide ground water contour maps of the shallow and deep surficial aquifers ([Plates 1 and 2](#), respectively). Individual contour maps were also constructed for the shallow and deep surficial aquifers at the Northeast Site and the Building 100 Area ([Figure 3](#) through [Figure 6](#), respectively).

The water levels throughout the STAR Center indicate that the water table is highest in the north-central parts of the site ([Plates 1 and 2](#)). As ground water flows from this recharge area, it essentially disperses to the west, south, and east. These flow patterns are similar for both the shallow and deep surficial aquifers, and are consistent with previously observed flow patterns.

Along the northern boundary of the Northeast Site, the contours near the slurry wall indicate that the wall continues to be a significant barrier to ground water flow. As seen on [Figure 4](#), there is a differential of about 1.4 ft between the downgradient and upgradient sides of the wall as measured in monitoring wells PIN15–M24D and –M33D. This differential is slightly less than the historical range of about 2 to 5 ft, but similar to that observed in April 2003 (1.5 ft) and July 2003 (1.4 ft). The flow patterns suggest that only a minimal amount of ground water recharge to the deep surficial aquifer is derived from the pond. Otherwise, the differential between these two wells would be smaller and the ground water gradient would be steeper near

the pond, indicating recharge to the ground water system. Water-table elevations around the East Pond, however, indicate that the pond slightly recharged the shallow surficial aquifer in the area immediately west of the pond in October 2003 (Figure 3).

In the shallow surficial aquifer at the Northeast Site, the hydraulic gradient was approximately 0.015 feet per foot (ft/ft), with a general component of flow to the east. This flow pattern is similar to that observed in July. Using Darcy's Law, along with approximations of 1 ft/day for hydraulic conductivity and 0.3 for effective porosity, ground water at the Northeast Site is estimated to move about 18 ft/year toward the east. This velocity is similar to previous estimates of 17 and 22 ft/year. In the deep surficial aquifer, the radii of influence from the recovery wells can be seen on Plate 2, and are interpreted to extend roughly 125 ft south of the south fence.

In the south-central part of the STAR Center, surficial aquifer flow is influenced by ground water withdrawals from recovery wells PIN18–RW02 and –RW03 at the WWNA, and recovery wells PIN12–RW01 and –RW02 at Building 100 (Figures 5 and 6). The shallow water table beneath Building 100 was relatively flat in April 2002, but generally flowed to the southeast in January 2003. In April, July, and again in October 2003, ground water flowed to the southeast under a very slight gradient. The hydraulic gradient beyond the influence of pumping at the Building 100 Area was about 0.001 ft/ft. Using the approximations mentioned above, ground water flow velocity in these areas is estimated to be less than 2 ft/year. Shallow ground water at the WWNA flows to the southeast, except where affected by recovery well withdrawals.

Water-level elevations in the three wells screened in the upper part of the Floridan aquifer are presented in Table 3. The elevations in these wells indicate that the potentiometric surface of the Floridan aquifer at the site is essentially flat.

A downward vertical hydraulic differential of approximately 6.2 ft existed between the surficial aquifer wells and Floridan aquifer wells at the Northeast Site. Table 4 illustrates the vertical hydraulic differential. This differential is consistent with the historical range of 5 to 9 ft.

Surface-water elevations were recorded from the East, South, West, and Southwest Ponds at the site and are presented in Table 5. The ponds are hydraulically connected to the shallow surficial aquifer system (Plate 1). The South and Southwest Ponds elevations have always been essentially the same.

3.0 Ground Water Sampling and Analytical Results

3.1 Work Performed

During semiannual sampling in October 2003, ground water samples were collected from 121 monitoring and recovery wells. VOCs analyses were performed on 97 samples using EPA Method 8021. Arsenic was analyzed in 103 samples and chromium was analyzed in 18 samples using EPA Method 6010. Laboratory reports are provided in Appendix A.

During the period of October 1 to December 31, 2003, the remediation system influent and effluent at the Northeast Site, as well as selected recovery wells at the Northeast Site, were also sampled. Analytical results for remediation system VOCs, iron, and hardness (as CaCO₃)

sampling are provided in [Appendix B](#). Laboratory reports for the WWNA analyses are provided in [Appendix C](#).

All samples were collected in accordance with the Stoller *Sampling Procedures for the Young - Rainey STAR Center* (DOE 2002), using FDEP procedures. All samples collected were submitted to Severn Trent Laboratories (STL) for analysis. STL is accredited by the Florida Department of Health in accordance with the National Environmental Laboratory Accreditation Conference, certification number E84282. The majority of monitoring wells were micropurged using a dedicated bladder pump, and sampling was performed when the field measurements stabilized. The remaining wells were conventionally purged with a peristaltic pump or a 2-inch diameter stainless-steel submersible pump; purging was considered complete once field measurements had stabilized. Extraction wells were sampled using their associated flowlines with dedicated sampling ports. [Table 6](#) lists field measurements of pH, specific conductance, dissolved oxygen, oxidation-reduction potential, turbidity, and temperature recorded at the time the samples were collected. Measurements were made with a flow cell and a multiparameter instrument.

3.2 Analytical Results

3.2.1 Northeast Site (PIN15)

Concentrations of contaminants of potential concern (COPC) in samples collected from wells at the Northeast Site (PIN15) are included in [Table 7](#), which shows the previous four quarters of data for comparison purposes. [Figure 7](#) shows the total COPCs (TCOPCs) concentrations.

No COPCs were detected in the 28 monitoring wells listed below:

PIN15-0506	PIN15-0534	PIN15-0564	PIN15-0572	PIN15-M30S
PIN15-0507	PIN15-0557	PIN15-0565	PIN15-M03D	PIN15-M31S
PIN15-0515	PIN15-0559	PIN15-0567	PIN15-M03S	PIN15-M32D
PIN15-0516	PIN15-0560	PIN15-0568	PIN15-M27S	PIN15-M32S
PIN15-0520	PIN15-0561	PIN15-0570	PIN15-M29D	
PIN15-0530	PIN15-0562	PIN15-0571	PIN15-M29S	

The 20 monitoring and recovery wells listed below contained detectable COPCs:

PIN15-0514	PIN15-0538	PIN15-M27D	PIN15-RW03	PIN15-RW14
PIN15-0535	PIN15-0563	PIN15-M30D	PIN15-RW06	PIN15-RW15
PIN15-0536	PIN15-0566	PIN15-M31D	PIN15-RW12	PIN15-RW16
PIN15-0537	PIN15-0569	PIN15-M34D	PIN15-RW13	PIN15-RW17

TCOPCs concentrations ranged from below detection limit to 238,200 micrograms per liter ($\mu\text{g/L}$). Well PIN15-RW06 contained the highest TCOPC value, and the COPC compound detected at the highest concentration was methylene chloride at 170,000 $\mu\text{g/L}$.

Concentrations of arsenic in ground water samples collected from 37 monitoring wells at the Northeast Site are reported in [Table 8](#). Arsenic was detected in the seven wells listed below:

PIN15-0530	PIN15-M03S	PIN15-M29S	PIN15-M35D
PIN15-0567	PIN15-M17S	PIN15-M32S	

The highest arsenic value was found in PIN15-M32S at 0.030 mg/L.

3.2.2 Building 100 Area (PIN06, PIN09, PIN10, PIN12, and PIN21)

TCOPCs concentrations in samples collected from wells sampled at the Building 100 Area are included in [Table 9](#), which also shows the previous four quarters of data for comparison purposes. [Figure 8](#) shows the TCOPCs concentrations.

No COPCs were detected in the 24 monitoring wells listed below:

PIN06-0500	PIN12-0518	PIN12-S31B	PIN12-S69D	PIN12-S73D
PIN06-0501	PIN12-0521	PIN12-S32B	PIN12-S72B	PIN21-0502
PIN12-0509	PIN12-0522	PIN12-S68B	PIN12-S72C	PIN21-0504
PIN12-0510	PIN12-0523	PIN12-S69B	PIN12-S72D	PIN21-0505
PIN12-0517	PIN12-0525	PIN12-S69C	PIN12-S73B	

Samples from the 22 monitoring wells listed below contained COPCs at detectable levels. They are:

PIN12-0513	PIN12-RW01	PIN12-S35B	PIN12-S70D	PIN21-0503
PIN12-0514	PIN12-RW02	PIN12-S68C	PIN12-S71B	PIN21-0512
PIN12-0520	PIN12-S29C	PIN12-S68D	PIN12-S71C	
PIN12-0524	PIN12-S30B	PIN12-S70B	PIN12-S71D	
PIN12-0526	PIN12-S33C	PIN12-S70C	PIN12-S73C	

TCOPCs concentrations ranged from below detection limits to 101,500 µg/L. The COPC compound detected at the highest concentration was total 1,2-dichloroethene (DCE) at 72,500 µg/L in PIN12-S35B.

Concentrations of arsenic from ground water samples collected in 48 monitoring wells at the Building 100 Area are reported in [Table 8](#) and show that arsenic was detected at the 11 monitoring wells listed below:

PIN06-0500	PIN12-0510	PIN12-S32B	PIN12-S68B
PIN06-0501	PIN12-0525	PIN12-S33C	PIN12-S69B
PIN09-0500	PIN12-S31B	PIN12-S37B	

Monitoring well PIN12-S31B contained the highest arsenic value at 0.079 mg/L.

3.2.3 Wastewater Neutralization Area (PIN18)

The volatile COPC at the WWNA is vinyl chloride. No VOCs samples were collected at the WWNA during quarterly sampling, however the three recovery wells were sampled for VOCs during the October monthly sampling and no vinyl chloride was detected.

Arsenic samples were collected from 18 wells. The eight wells listed below had detectable concentrations. Results of arsenic samples from the three recovery wells that are sampled monthly are presented in [Table 1](#) and shown on [Figure 9](#).

PIN18-0500	PIN18-0522	PIN18-0525	PIN18-RW03
PIN18-0502	PIN18-0524	PIN18-RW02	PIN18-RW0501

Concentrations of COPCs from quarterly sampling are listed in [Table 10](#) and TCOPCs (arsenic and vinyl chloride) are shown in Figure 9. The highest concentration of arsenic detected was 140 µg/L in PIN18–RW0501 (note that the units for arsenic have changed from mg/L to µg/L so that TCOPCs for this area could be calculated using consistent units).

Concentrations of chromium from ground water samples collected in 18 monitoring wells at the WWNA are reported in Table 8. Chromium was detected in PIN18–0514 and PIN18–0515. The values detected were 0.011 and 0.015 mg/L, respectively.

3.3 Quality Assurance/Quality Control

Stoller checked the analytical results from STL for quality assurance/quality control (QA/QC) through duplicate samples and trip blanks. Detected analytes for VOCs, arsenic, and chromium analyses for each duplicate sample are listed in [Table 11](#). The duplicate sample results were compared and the relative percent differences (RPDs) between the results were calculated. There were five duplicates analyzed for VOCs during quarterly sampling, five duplicates analyzed for arsenic, and one duplicate analyzed for chromium.

A total of 191 duplicate analyses for individual analytes were performed. All samples met the guidance criteria that the RPD results should be within the range of plus-or-minus 30 percent when the concentration is greater than five times the detection limit. All data passed QA/QC criteria at a Class A level, indicating that all data may be used for quantitative and qualitative purposes.

Duplicate samples should be collected at a frequency of one duplicate for every 20 or fewer samples. There were 97 ground water samples analyzed for VOCs, with five duplicate VOC samples collected. There were 103 ground water samples analyzed for arsenic, with five duplicate samples. There were 18 ground water samples analyzed for chromium, with one duplicate sample collected. The duplicate requirements for arsenic were not met because the five samples taken from recovery wells during monthly sampling were not considered when the samplers were determining the required number of duplicates.

During the quarterly sampling event 11 trip blanks were submitted for analysis. Estimated levels of methylene chloride that were above the instrument detection limit but below the reporting limit were found in five of the blanks, estimated quantities of toluene, tetrachloroethene, trichloroethene, and o-xylene were also found in one or more trip blanks. The maximum estimated quantity of methylene chloride was 2.0 µg/L.

Fourteen wells were sampled using non-dedicated equipment and an equipment blank should have been collected, this was not done due to an oversight on the part of the sampling team.

This quarter the data validation procedures were expanded to include a detailed evaluation of the field data collected during the quarterly sampling event. No significant deficiencies were found. The results were discussed with the field sampling supervisors to improve the next sampling event. A software module for identifying and tracking anomalous ground water data points within the SEEPro database was also developed this quarter. However, because the anomaly detection module is still being tested, it will not be fully implemented until the January 2004 sampling event data is received.

4.0 Treatment System and Recovery Well Performance

4.1 Northeast Site and Building 100

The Northeast Site ground water treatment system was continuously operational from October 1 through December 19, 2003. The treatment system was shutdown from December 19 to December 31, 2003, as a result of STAR Center shutdown for maintenance activities.

Table 12 provides a summary of analytical results for samples collected at the Northeast Site treatment system during this quarter. Treatment system effluent samples were analyzed for VOCs and the effluent discharge volume was recorded to comply with the Pinellas County wastewater permit. In the effluent samples, all volatile organic aromatic concentrations were under the Pinellas County regulatory limit of 50 µg/L.

FeRemede[®] continues to be utilized to effectively control the deposition of iron and hardness salts. The application of sodium hypochlorite as a microbiocide has continued to successfully control biological growth in the air stripper tower (AST).

From October 1 through December 31, 2003, 1,908,278 gallons of ground water were recovered from the Northeast Site and Building 100 recovery wells. The volume of recovered ground water treated by the Northeast Site treatment system since its startup in June 1997 through December 2003 is presented in Figure 10. Figures 11, 12, and 13 present the monthly volume of ground water recovered during October through December 2003 from the Northeast Site recovery wells.

Total percent on-time for the Northeast Site AST is illustrated in Figure 17. On-time for the AST for this quarter was 100 percent for October and November. In December, on-time was 58 percent due to a planned shutdown for the holidays. Historical summary of ground water recovery volume at the Northeast Site and Building 100 is shown in Table 13.

Total percent on-time for the Northeast Site AST is illustrated in Figure 17. On-time for the AST for this quarter was 100 percent. Historical summary of ground water recovery volume at the Northeast Site and Building 100 is shown in Table 13.

Table 14 presents the calculated mass of selected analytes recovered with the Northeast Site treatment system for each month of this reporting period. These monthly results are based on the measured system influent concentration and influent ground water flow.

4.2 Wastewater Neutralization Area

The ground water recovery system was shutdown from December 19 to December 31, 2003, as a result of STAR Center shutdown for maintenance activities.

Two WWNA recovery wells (PIN18–RW02 and –RW03) are targeted to each produce approximately 2.5 gallons per minute (gpm) continuously with an electrical submersible pump set in each well at approximately 12 ft below land surface (bls). During this quarter, production has decreased at both of these wells. Maintenance of these wells is scheduled for January 2004, which should return the yield to previous rates. The third recovery well, PIN18–RW0501 is

operating at approximately 0.8 gpm with a submersible electric pump installed at 15 ft below top of casing. Ground water recovery from PIN18–RW0501 was started on June 11, 2003. To date, there have been no exceedances of the WWNA discharge permit limits for arsenic.

The effluent ground water from each well is combined into a common header pipe and discharged into the industrial wastewater-receiving tank at the IWNF. During this quarter, 505,872 gallons of ground water were recovered from the subsurface.

5.0 Conclusions

The following conclusions are based on the quarterly sampling conducted in October 2003.

- The surficial ground water flow rate and flow direction throughout the site were similar to those observed in previous quarters.
- The highest concentration of COPCs was detected at the Northeast Site in well PIN15–RW06.
- The operation of the Northeast Site recovery wells appears to be controlling plume movement along the southern perimeter of the Northeast Site.

6.0 Tasks to be Performed Next Quarter

The following tasks are expected to be conducted during the next quarterly period (January through March 2004):

- Quarterly sampling activities will occur in January 2004.
- Monthly and mid-monthly sampling and analysis of ground water will continue in order to provide compliance and system operations data.
- Treatment system optimization will continue as new issues develop.
- Utilization of the dedicated bladder pumps for quarterly sampling using the micropurging technique will continue.
- A new contractor will be selected to implement the Northeast Site Area B NAPL in-situ thermal remediation project .
- Begin preparations for NAPL Area B treatment system construction in July 2004.
- New laboratory will receive and analyze STAR Center samples.
- Data anomaly tracing software will be implemented.

7.0 References

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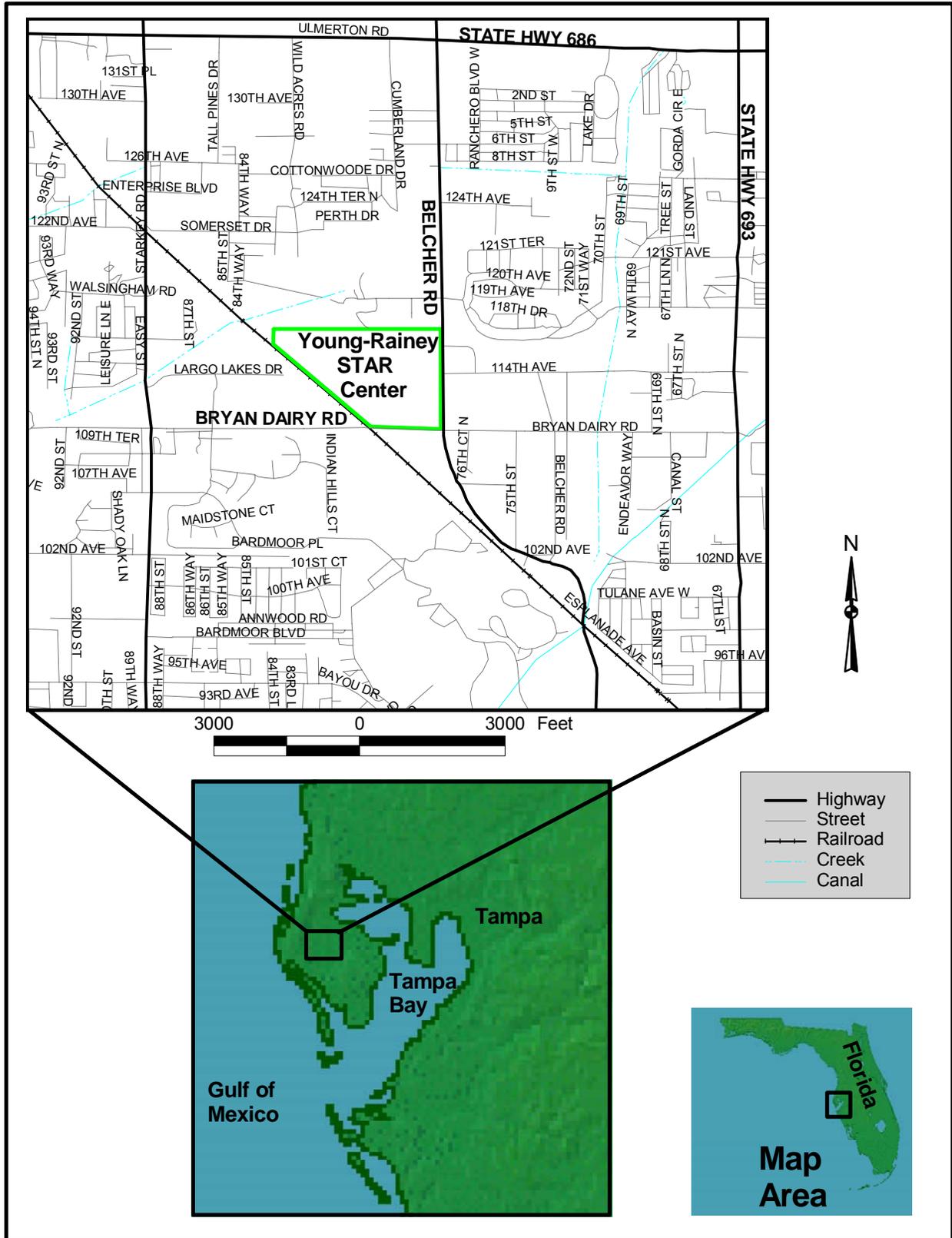
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Figure 1. Young - Rainey STAR Center Location

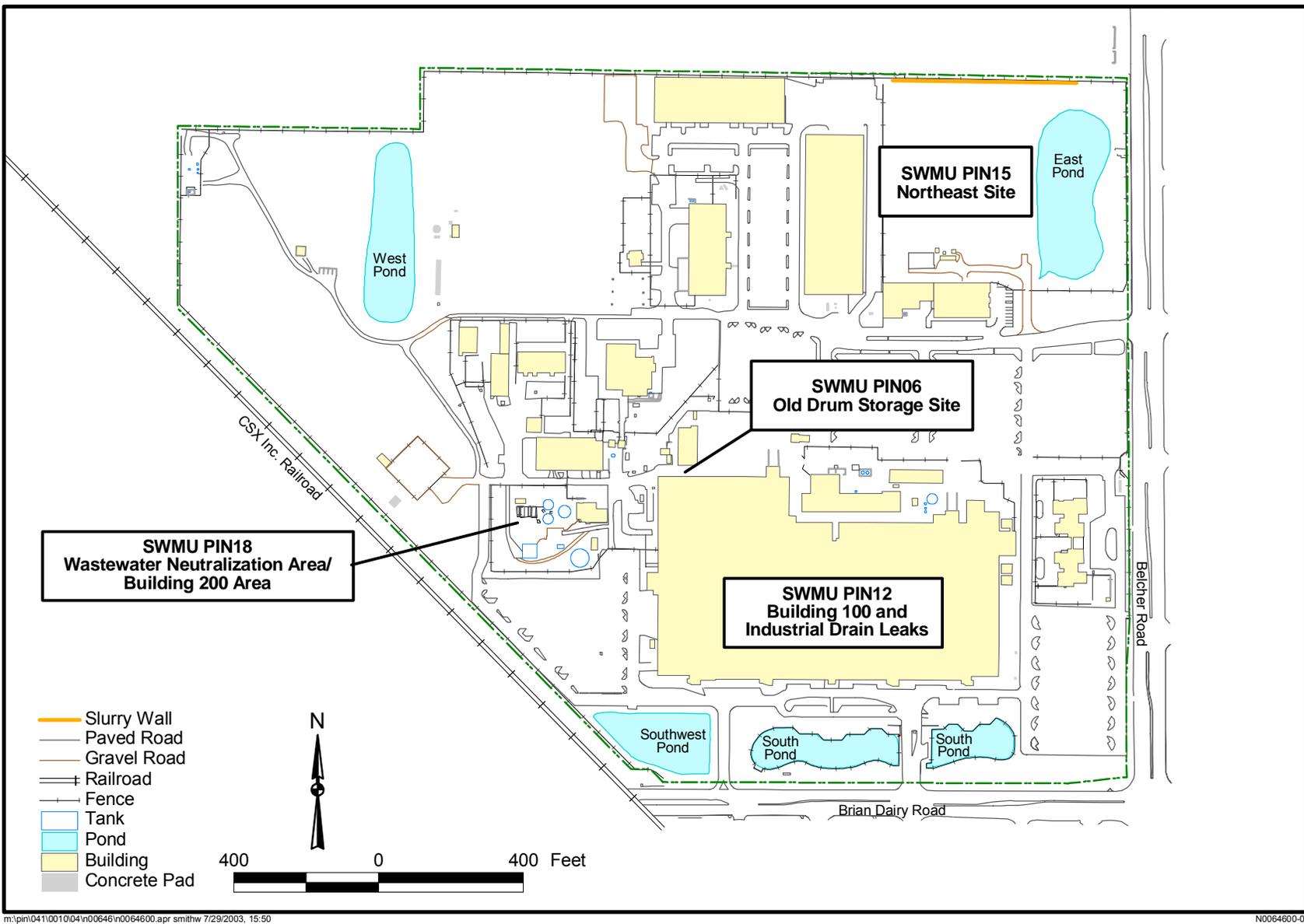
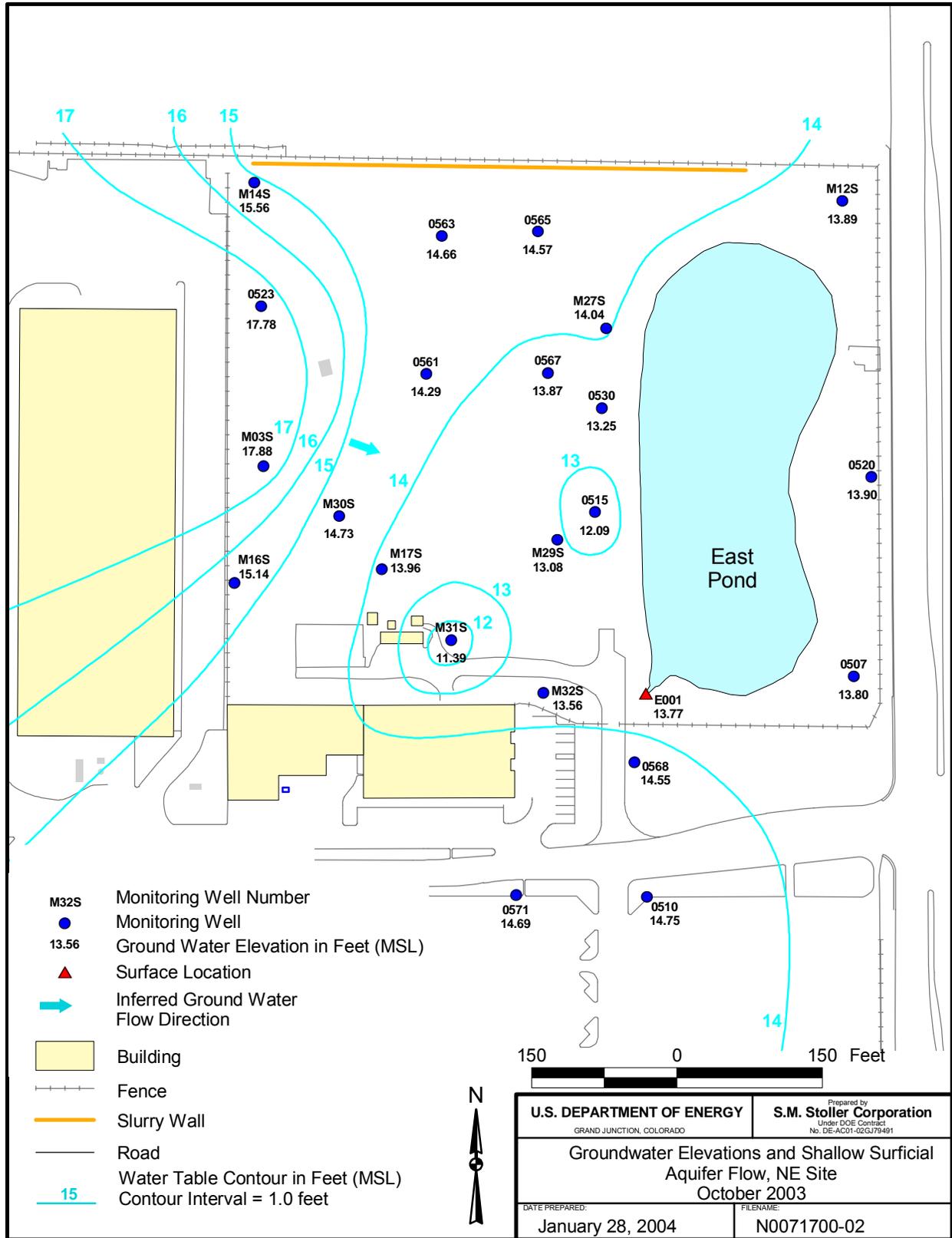
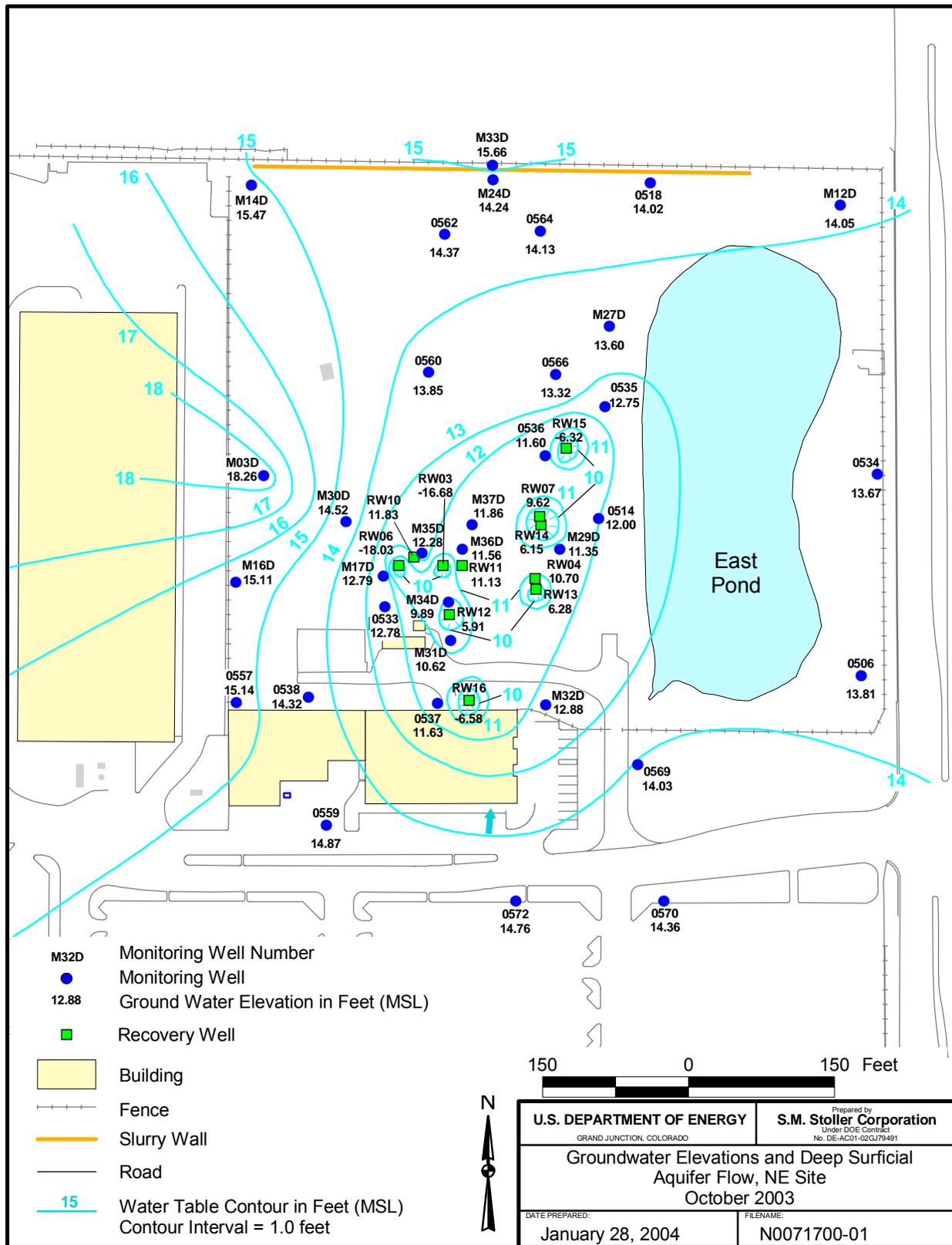


Figure 2. Location of STAR Center Solid Waste Management Units (SWMUs)



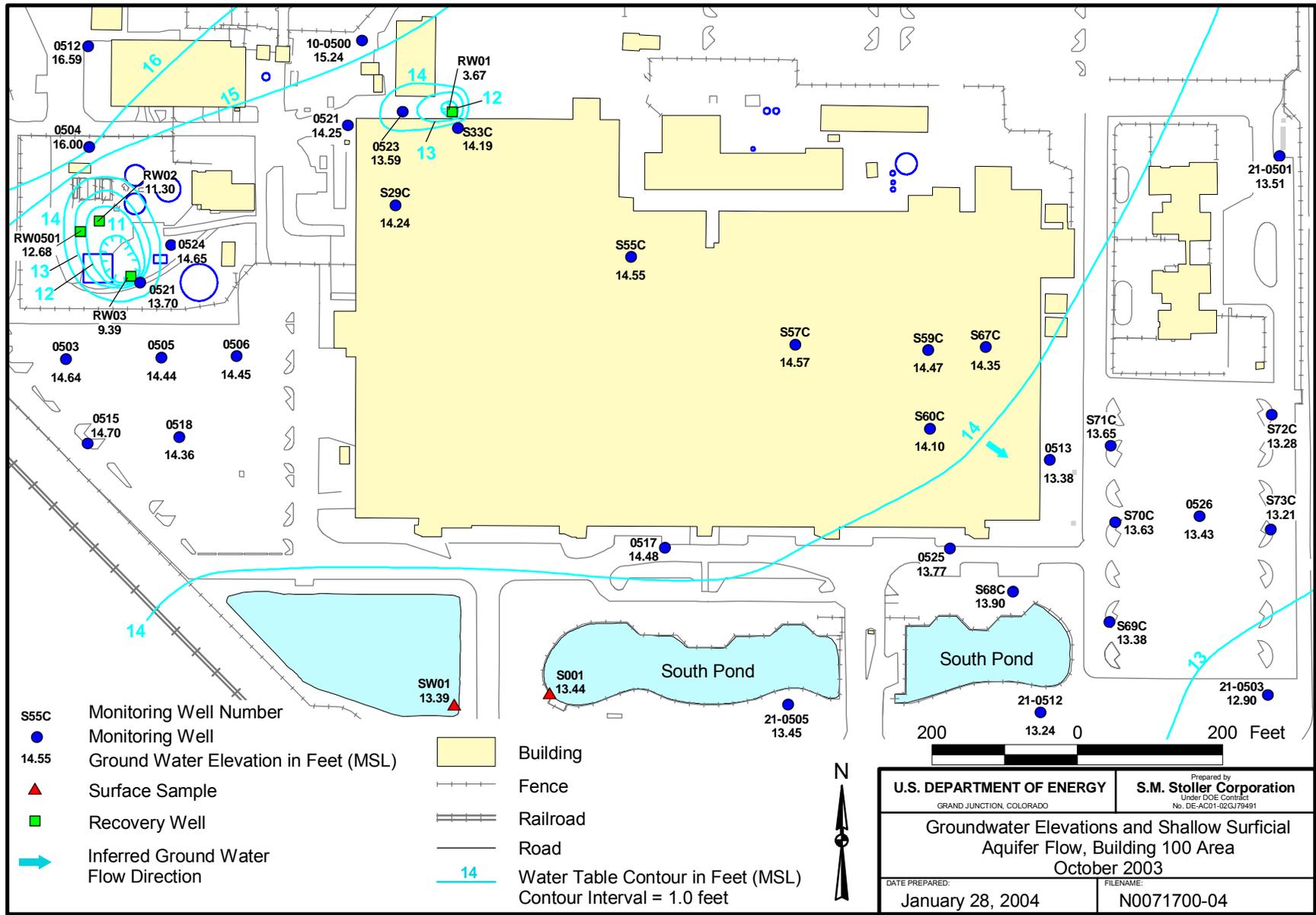
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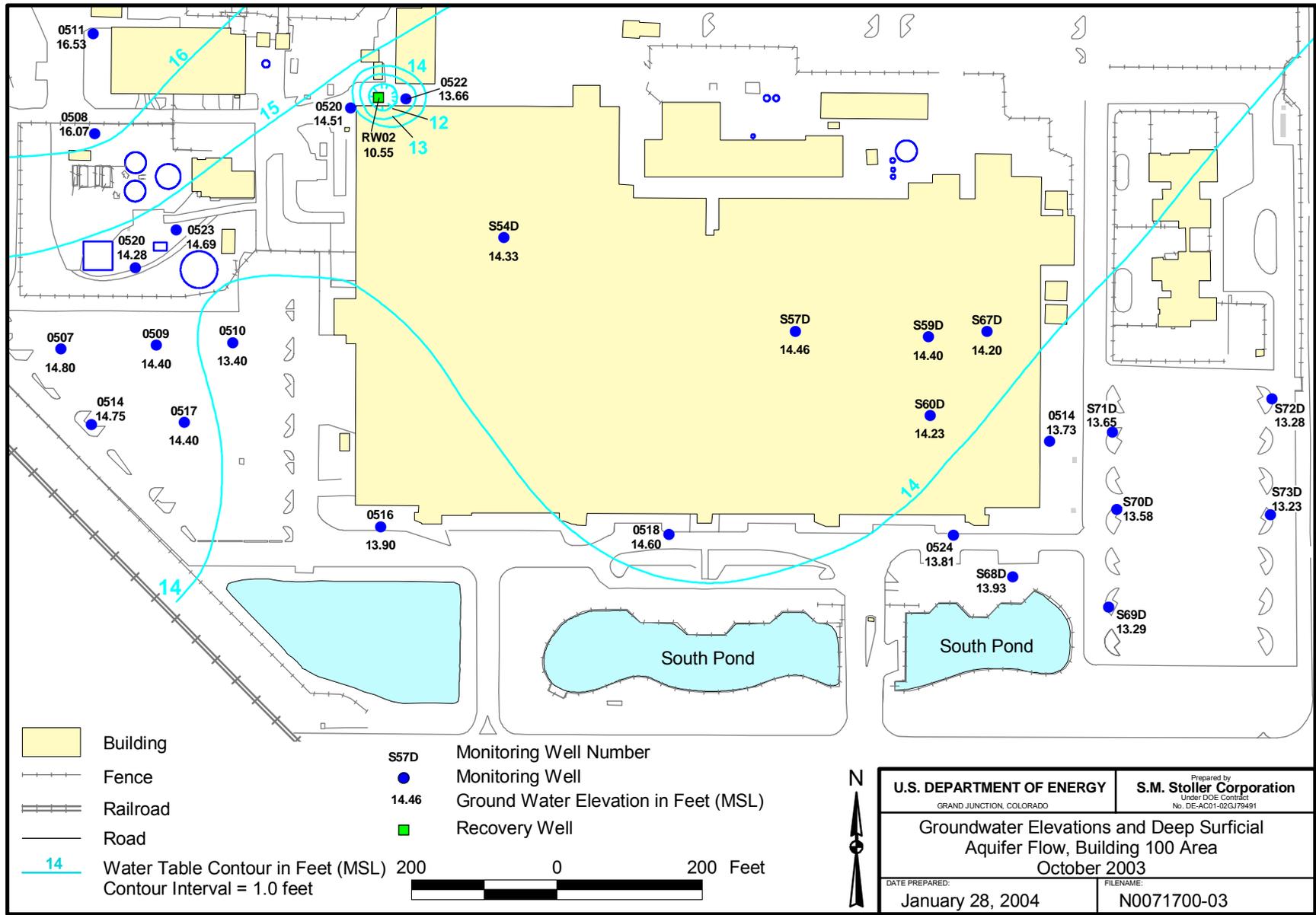
Figure 3. Ground Water Elevations and Shallow Surficial Aquifer Flow, Northeast Site, October 2003



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Figure 4. Ground Water Elevations and Deep Surficial Aquifer Flow, Northeast Site, October 2003





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Figure 6. Ground Water Elevations and Deep Surficial Aquifer Flow, Building 100 Area, October 2003

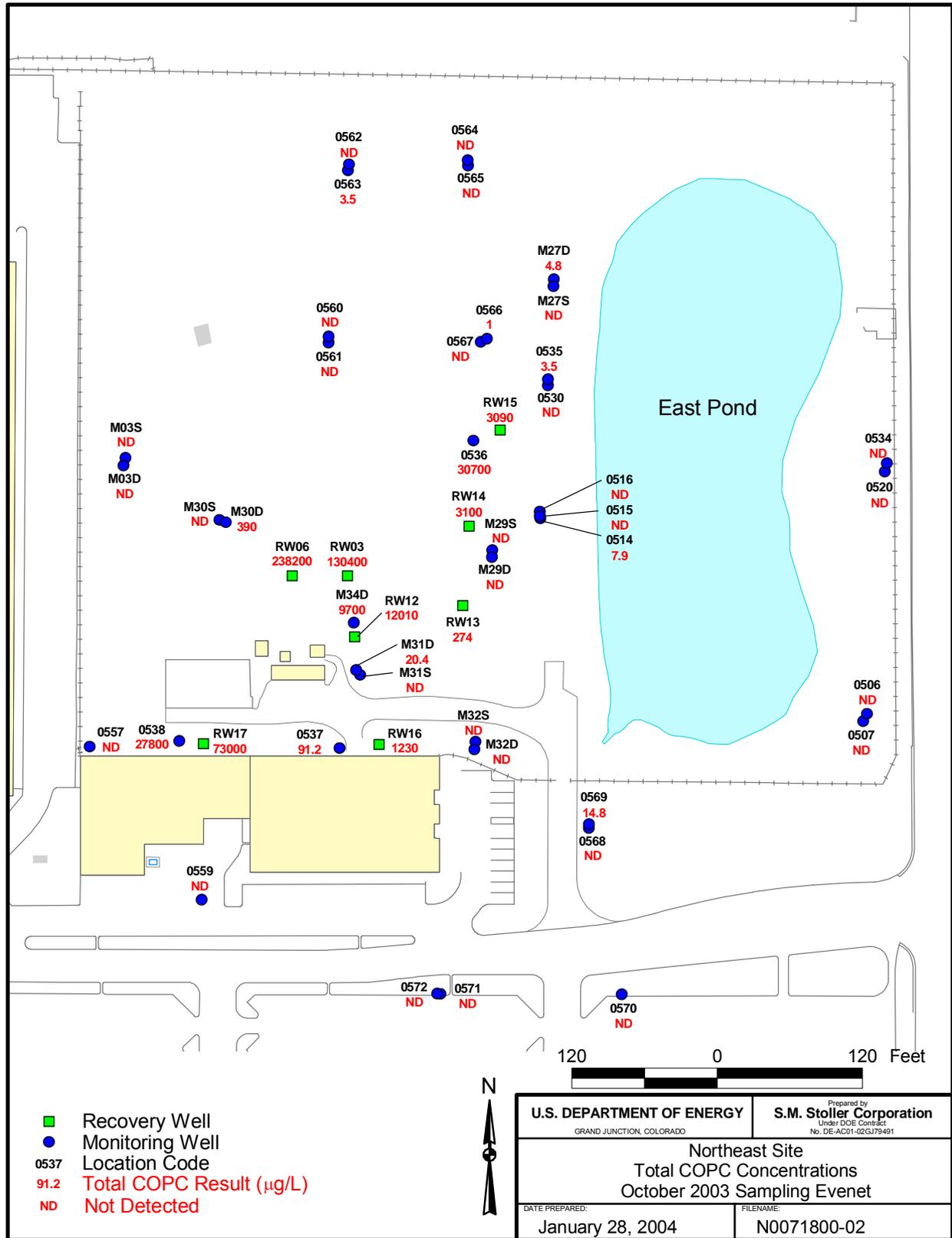
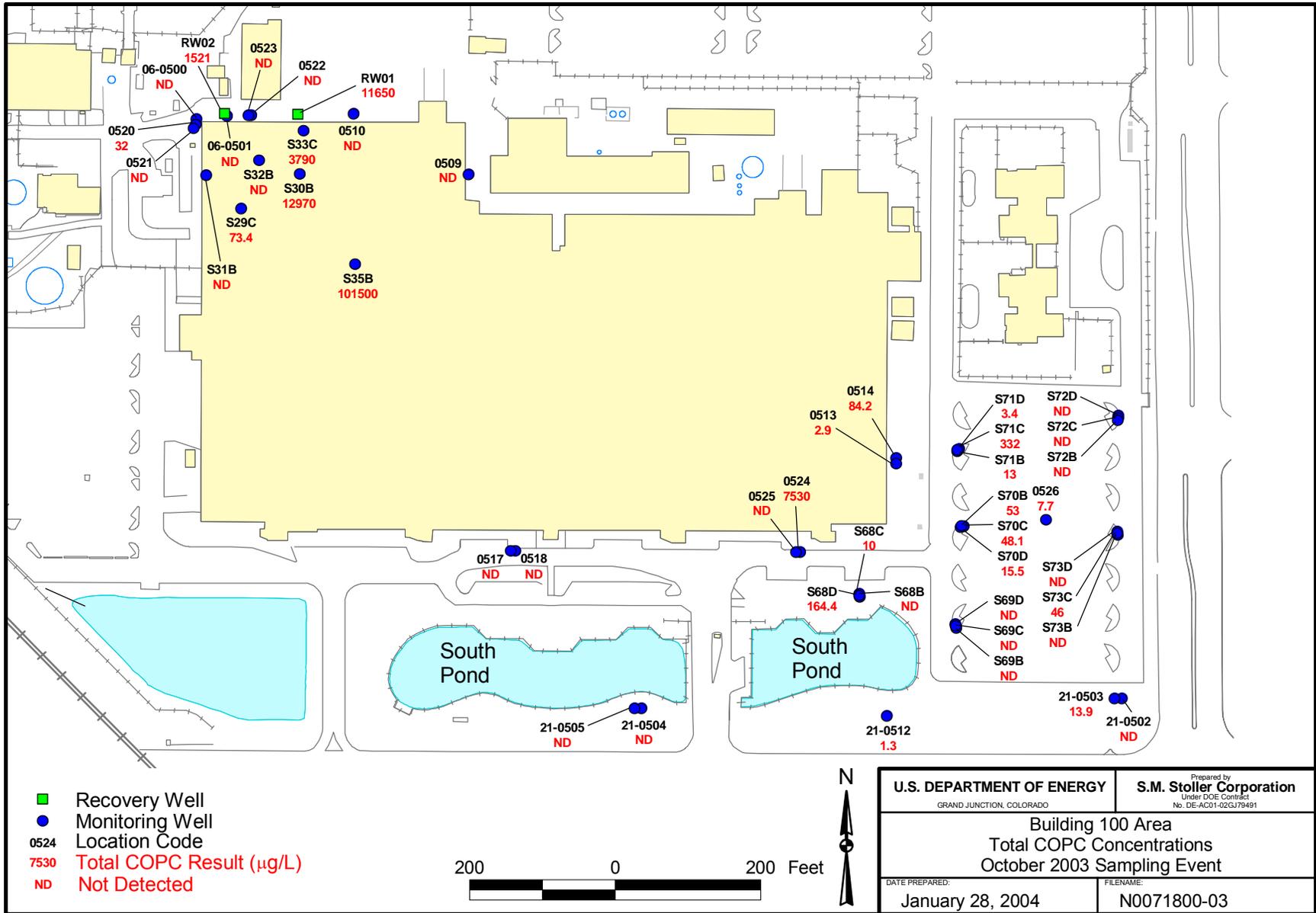


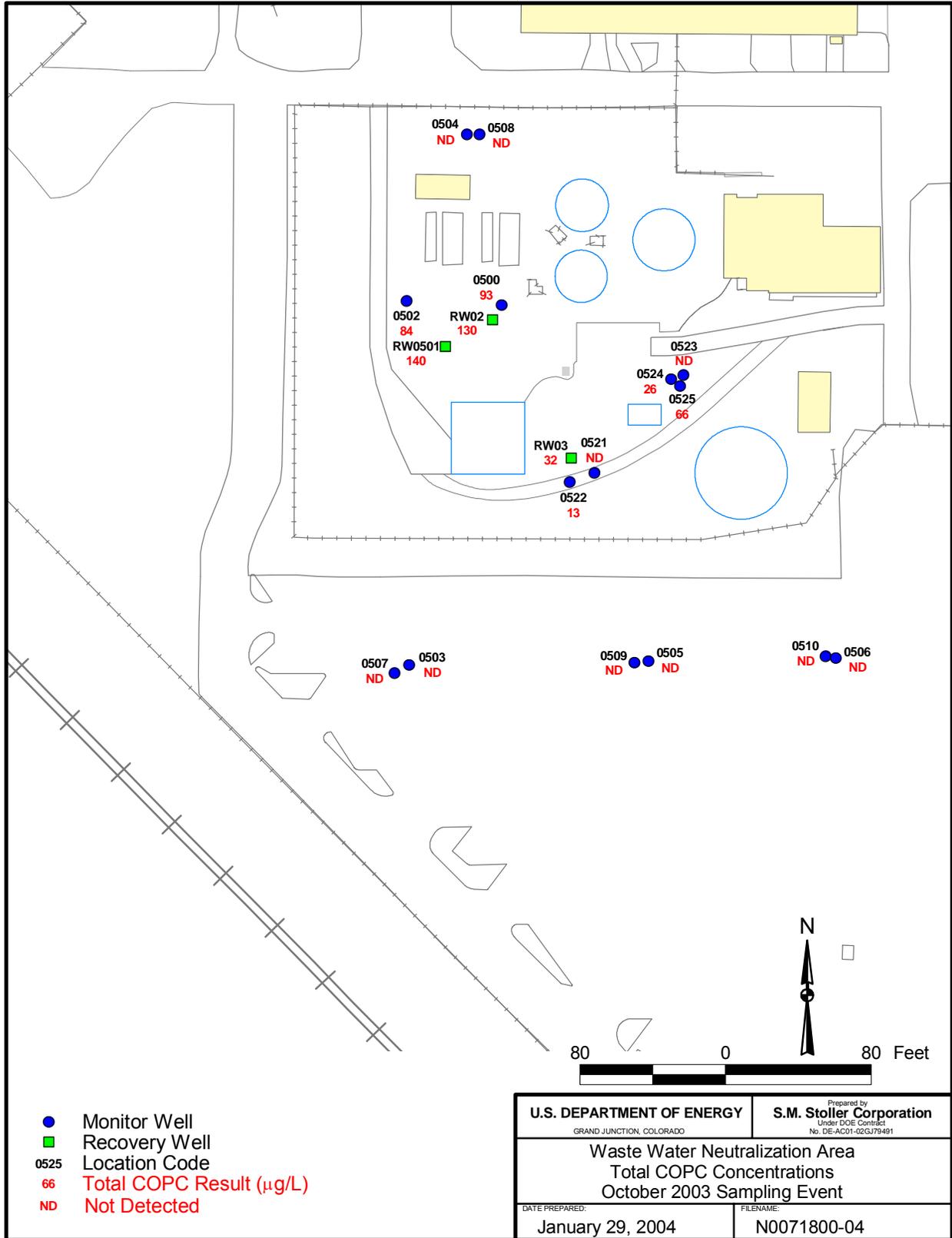
Figure 7. Northeast Site Total COPC Concentrations October 2003 Sampling Event



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Figure 8. Building 100 Area Total COPC Concentrations October 2003 Sampling Event

U.S. DEPARTMENT OF ENERGY <small>GRAND JUNCTION, COLORADO</small>	<small>Prepared by</small> S.M. Stoller Corporation <small>Under DOE Contract No. DE-AC01-02GJ79491</small>
Building 100 Area Total COPC Concentrations October 2003 Sampling Event	
<small>DATE PREPARED:</small> January 28, 2004	<small>FILENAME:</small> N0071800-03



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Figure 9. WWNA Total COPC Concentrations October 2003 Sampling Event

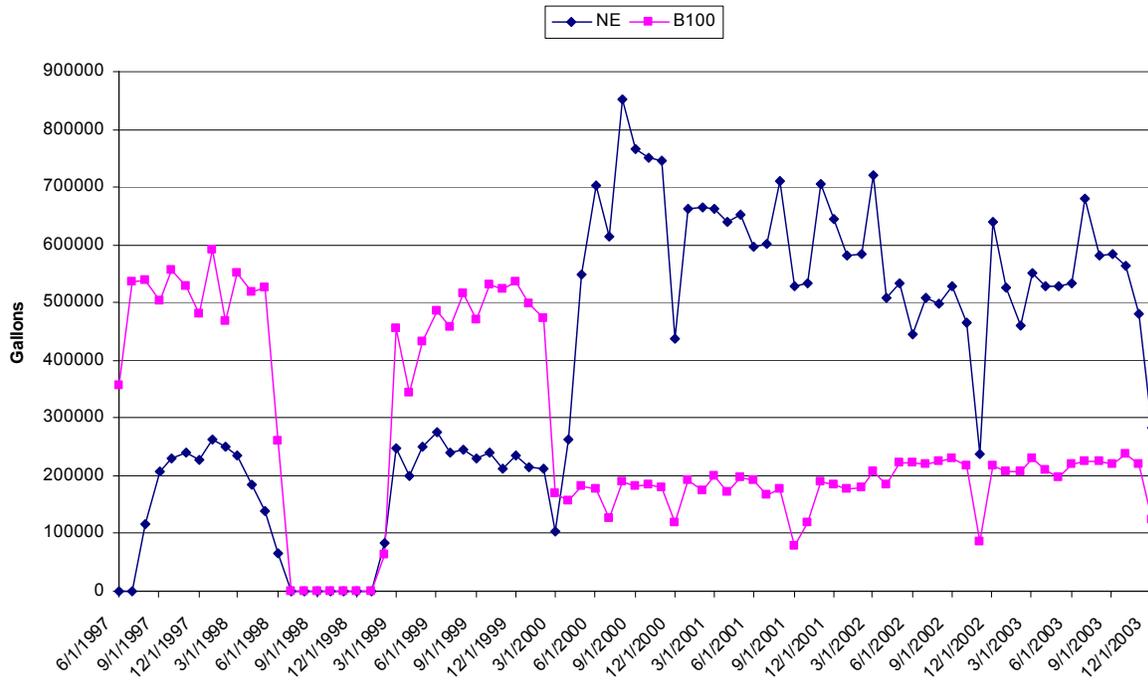


Figure 10. Historical Northeast Site and Building 100 Ground Water Recovery

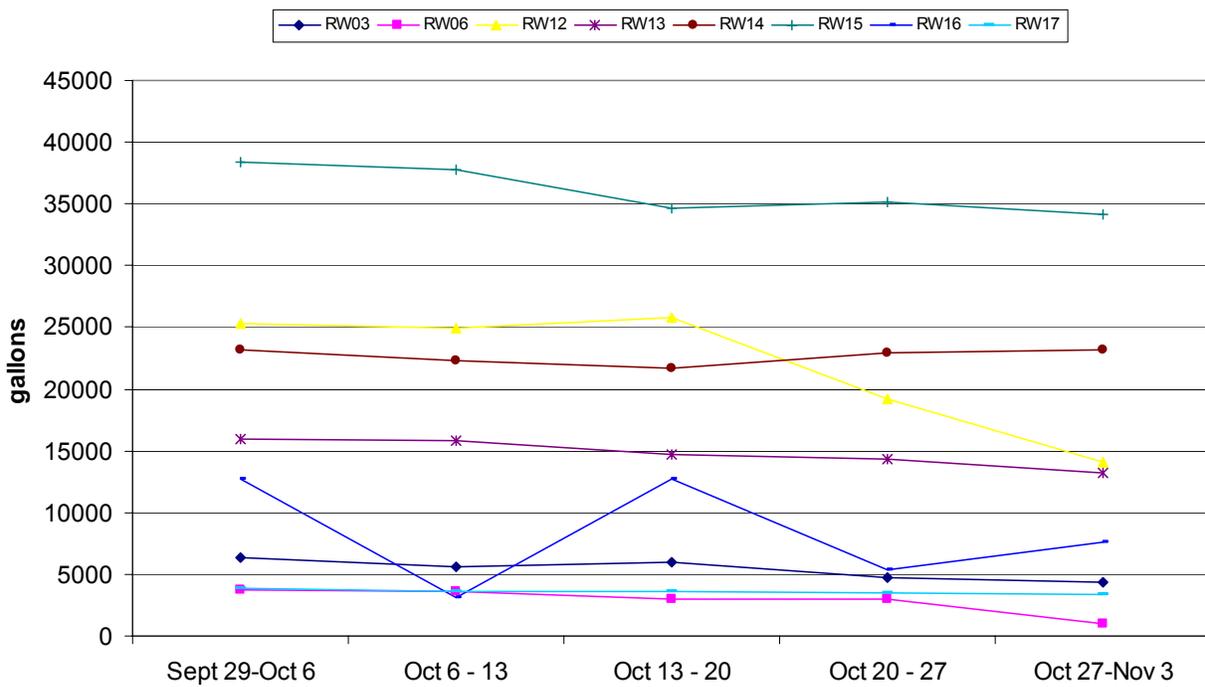


Figure 11. October 2003 Northeast Site (Individual Wells) Ground Water Recovery

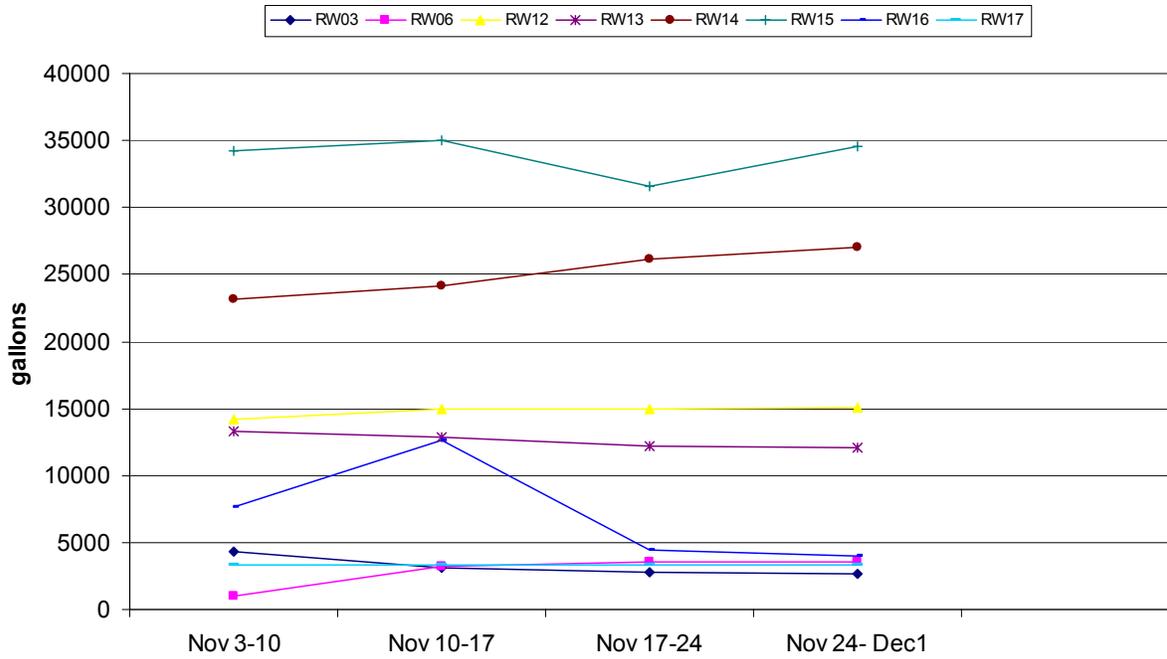


Figure 12. November 2003 Northeast Site (Individual Wells) Ground Water Recovery

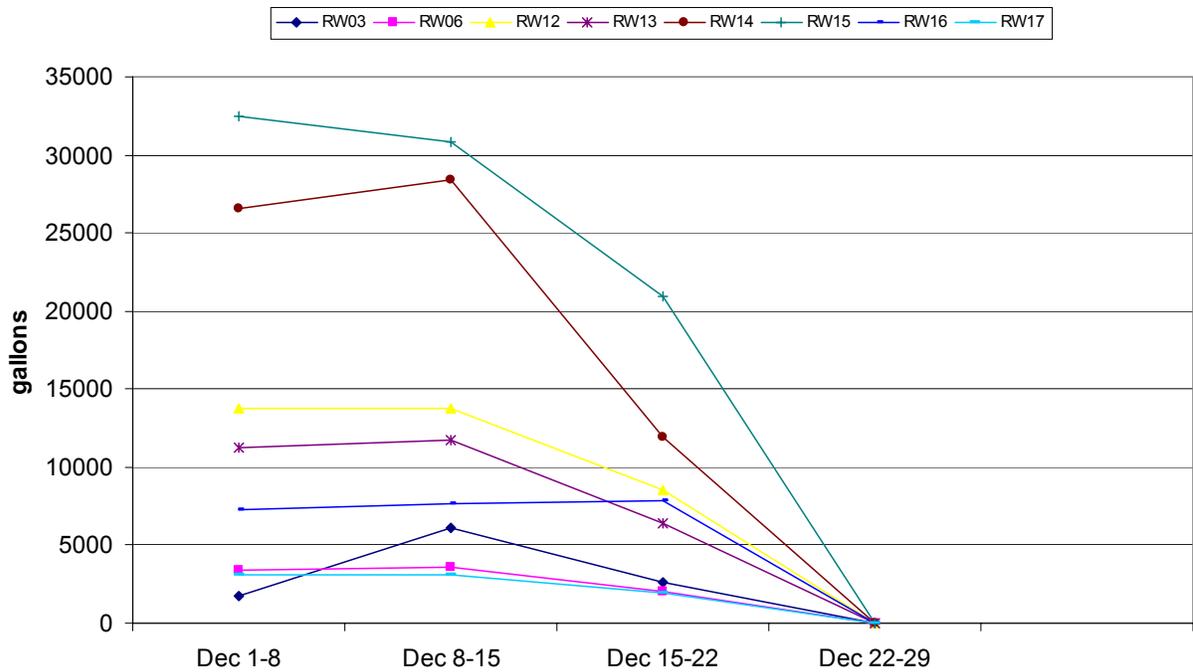


Figure 13. December 2003 Northeast Site (Individual Wells) Ground Water Recovery

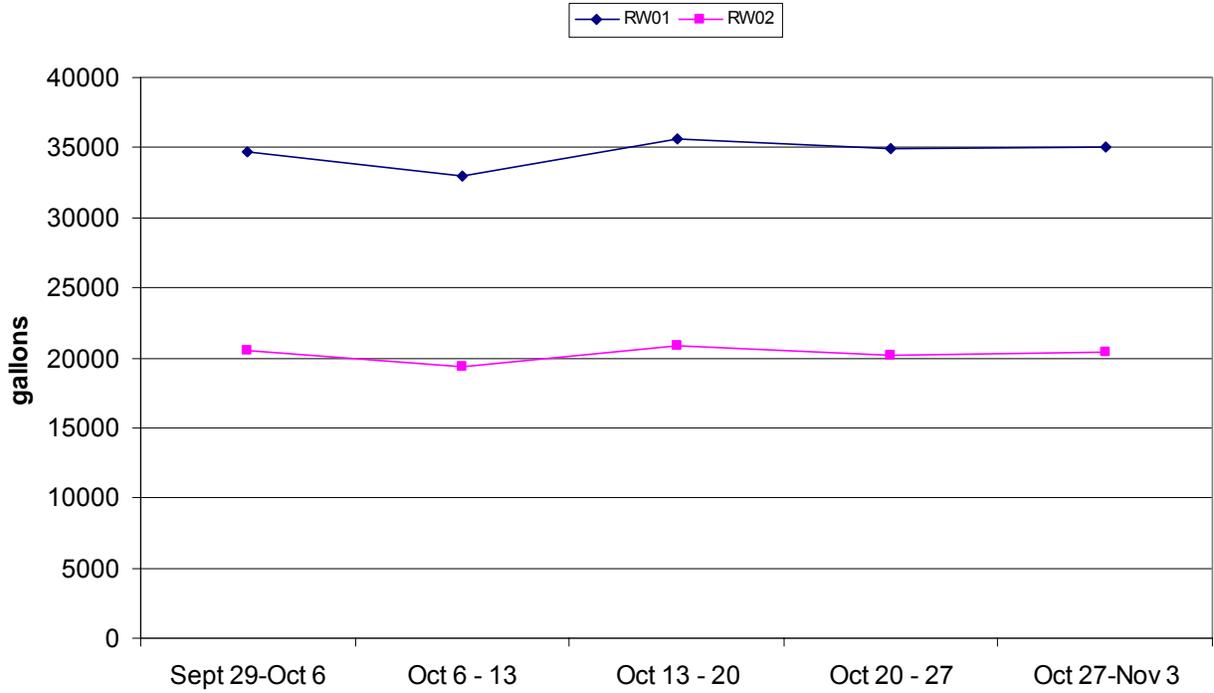


Figure 14. October 2003 Building 100 Ground Water Recovery

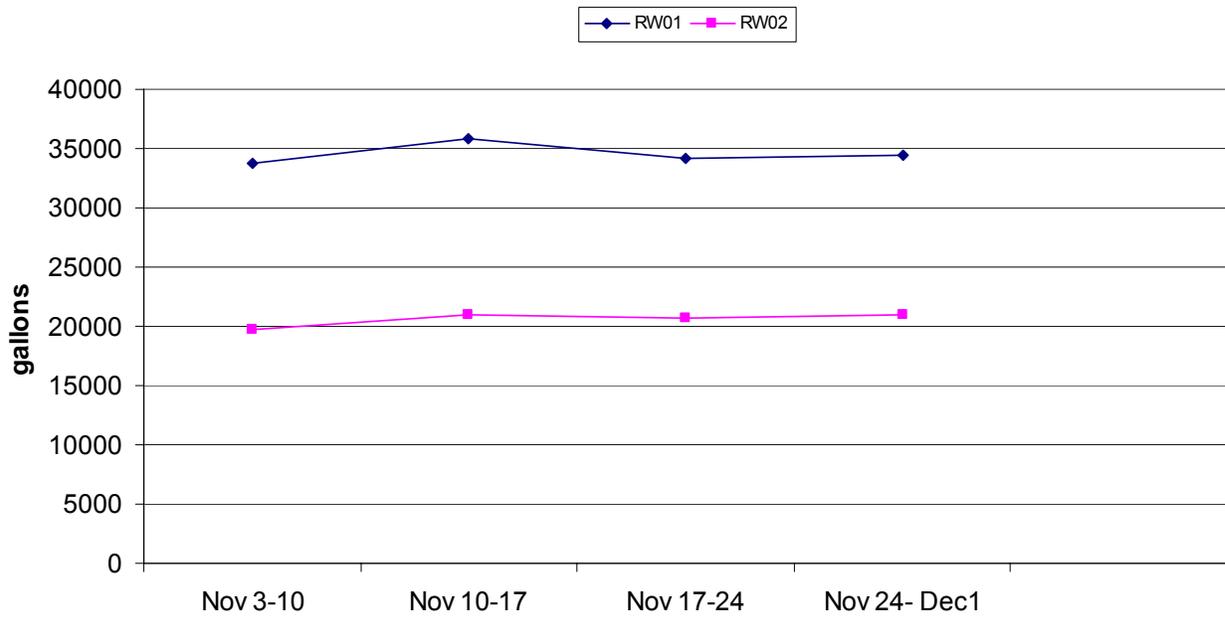


Figure 15. November 2003 Building 100 Ground Water Recovery

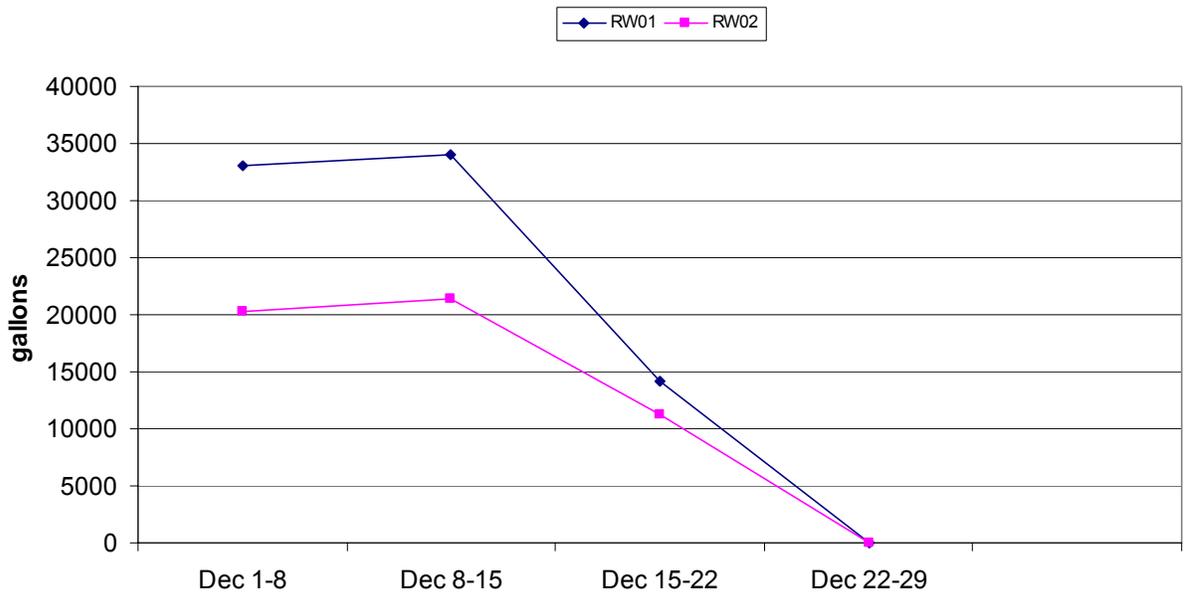


Figure 16. December 2003 Building 100 Ground Water Recovery

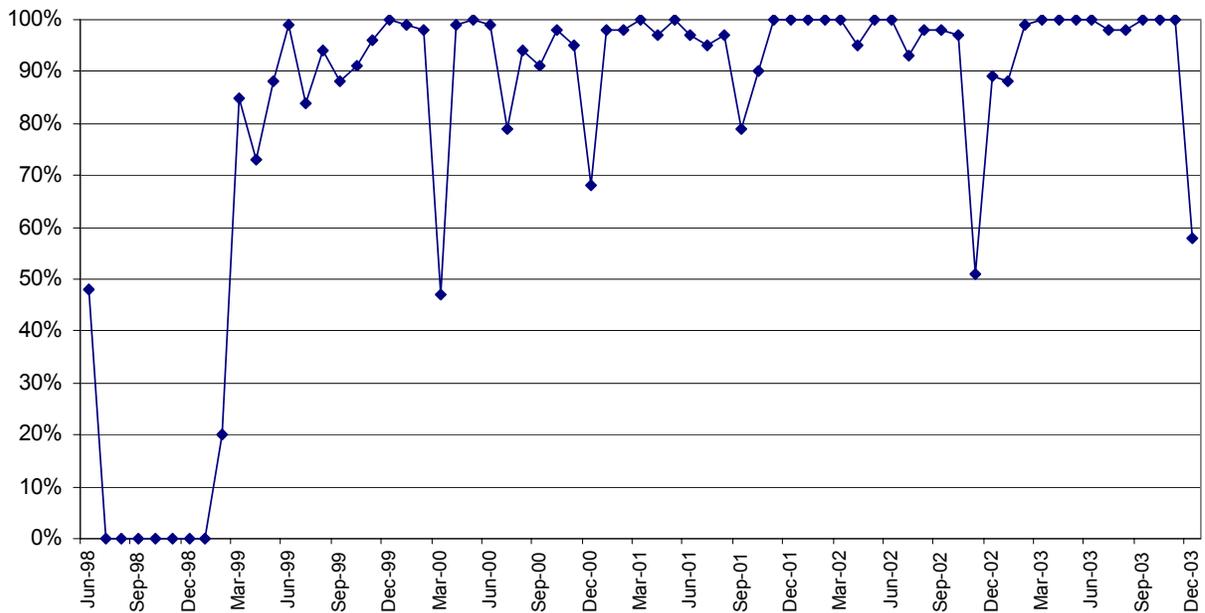


Figure 17. Historical Northeast Site Air Stripper—Percent Time On-Line

*Table 1. WWNA Recovery Well Startup Monitoring Arsenic Concentrations
(reported in milligrams per liter)*

Sample Date	RW02	RW03	RW0501^a	RW02/RW03/RW0501 combined effluent
2/26/2001	0.08	0.1		0.095
2/27/2001	0.074	0.1		0.091
2/28/2001	0.074	0.091		0.074
3/1/2001	0.084	0.096		0.088
3/2/2001	0.088	0.095		0.089
3/5/2001	0.13	0.22		0.1
3/12/2001	0.37	0.11		0.13
3/19/2001	0.42	0.12		0.12
3/26/2001	0.15	0.16		0.8
4/2/2001	0.18	0.12		0.13
4/16/2001	0.18	0.17		0.13
5/1/2001	0.16	0.071		0.1
5/15/2001	0.14	0.15		0.093
5/30/2001	0.13	0.07		0.16
6/11/2001	0.11	0.068		0.083
6/26/2001	0.13	0.067		0.096
7/9/2001	0.14	0.054		0.087
7/23/2001	0.14	0.25		0.074
8/6/2001	0.11	0.2		0.18
8/21/2001	0.13	0.074		0.084
9/5/2001	0.13	0.054		0.091
10/8/2001	0.11	0.14		0.07
11/6/2001	0.095	0.053		0.076
12/7/2001	0.13	0.081		0.084
1/10/2002	0.11	0.081		0.076
2/5/2002	0.11	0.055		0.075
3/6/2002	0.12	0.05		0.076
4/2/2002	0.084	0.055		0.069
4/15/2002	--	0.049		--
4/16/2002	0.078	--		--
5/8/2002	0.11	0.048		0.071
6/4/2002	0.095	0.078		0.058
7/3/2002	0.16	0.056		0.074
7/15/2002	0.098	0.057		--
8/8/2002	0.0036J	0.11		0.065
9/10/2002	0.12	0.097		0.07
10/3/2002	0.097	0.054		0.071
11/22/2002	0.11	0.067		0.057
12/11/2002	0.11	0.056		0.07
1/2/2003	0.097	0.049		0.064
1/13/2003	0.082	0.061		--
2/4/2003	0.12	0.047		0.063
3/4/2003	0.079	0.19		0.059
4/7/2003	0.081	0.071		0.054

Table 1 (continued). WWNA Recovery Well Startup Monitoring Arsenic Concentrations
(reported in milligrams per liter)

Sample Date	RW02	RW03	RW0501 ^a	RW02/RW03/RW0501 combined effluent
5/5/2003	0.074	0.038		0.052
6/3/2003	0.089	0.042		0.054
6/11/2003	0.07	0.044	0.42	0.073
6/12/2003	0.074	0.048	0.32	0.066
6/13/2003	0.072	0.075	0.21	0.066
6/16/2003	0.071	0.3	0.28	0.063
6/17/2003	0.068	0.11	0.26	0.066
6/24/2003	0.07	0.039	0.18	0.071
7/1/2003	0.059	0.038	0.18	0.064
7/10/2003	0.062	0.04	0.17	0.058
7/11/2003	0.056	0.034	0.24	0.054
7/14/2003	0.15	0.04	0.16	0.065
7/15/2003	0.071	0.038	0.19	0.055
7/16/2003	0.11	0.038	0.18	0.051
7/22/2003	0.15	0.041	0.16	0.054
7/31/2003	0.056	0.036	0.17	0.059
8/6/2003	0.069	0.041	0.16	0.062
9/3/2003	0.092	0.041	0.19	0.054
10/2/2003	0.13	0.032	0.14	0.054
11/5/2003	0.054	0.053	0.18	0.056
12/3/2003	0.076	0.044	0.18	0.062

^aRecovery well RW0501 was brought online on June 11, 2003.

-- = Not Measured.

J = Estimated value, result is between the reporting limit and the method detection limit.

Table 2. Water-Level Data at the STAR Center

Location	Measurement		Water Depth From Land Surface (ft)	Ground Water Elevation (ft NGVD)
	Date	Time		
PIN06			Old Drum Storage Site	
0500	10/6/2003	15:12	3.22	14.78
0501	10/6/2003	15:07	3.80	14.50
PIN09			Incinerator Site	
0500	10/6/2003	15:16	2.97	15.00
PIN10			Incinerator Ditch	
0500	10/6/2003	15:10	2.66	15.24
PIN12			Industrial Drain Leaks Bldg 100	
0508	10/6/2003	14:56	3.34	15.02
0509	10/6/2003	14:54	3.37	14.67
0510	10/6/2003	15:00	3.87	14.19
0511	10/6/2003	13:35	3.49	14.31
0512	10/6/2003	13:31	2.57	14.24
0513	10/6/2003	09:09	5.12	13.38
0514	10/6/2003	09:10	4.77	13.73
0516	10/6/2003	13:48	4.10	13.90
0517	10/6/2003	14:01	3.42	14.48
0518	10/6/2003	14:00	3.34	14.60
0520	10/6/2003	15:17	3.50	14.51
0521	10/6/2003	15:15	3.80	14.25
0522	10/6/2003	15:05	4.54	13.66
0523	10/6/2003	15:06	4.57	13.59
0524	10/6/2003	13:11	3.60	13.81
0525	10/6/2003	13:12	3.65	13.77
0526	10/6/2003	08:47	3.39	13.43
0527	10/6/2003	10:14	10.16	7.91
0528	10/6/2003	13:46	9.74	7.86
RW01	10/6/2003	15:02	14.58	3.67
RW02	10/6/2003	15:08	7.78	10.55
S29C	10/6/2003	10:00	4.27	14.24
S30B	10/6/2003	10:10	4.32	14.19
S31B	10/6/2003	09:56	4.02	14.49
S32B	10/6/2003	09:58	4.25	14.26
S33C	10/6/2003	10:02	4.32	14.19
S35B	10/6/2003	10:21	4.28	14.23
S36B	10/6/2003	09:53	4.20	14.31
S54D	10/6/2003	10:20	4.18	14.33
S55B	10/6/2003	10:30	3.94	14.57
S55C	10/6/2003	10:30	3.96	14.55
S57B	10/6/2003	10:25	3.94	14.57
S57C	10/6/2003	10:26	3.94	14.57
S57D	10/6/2003	10:26	4.05	14.46
S59B	10/6/2003	09:22	4.07	14.44
S59C	10/6/2003	09:21	4.04	14.47
S59D	10/6/2003	09:22	4.11	14.40

Table 2 (continued). Water-Level Data at the STAR Center

Location	Measurement		Water Depth From Land Surface (ft)	Ground Water Elevation (ft NGVD)
	Date	Time		
S60B	10/6/2003	09:16	4.29	14.22
S60C	10/6/2003	09:16	4.41	14.10
S60D	10/6/2003	09:17	4.28	14.23
S67B	10/6/2003	09:01	4.12	14.35
S67C	10/6/2003	09:04	4.12	14.35
S67D	10/6/2003	09:02	4.28	14.20
S68B	10/6/2003	13:07	4.30	13.60
S68C	10/6/2003	13:07	4.00	13.90
S68D	10/6/2003	13:08	3.97	13.93
S69B	10/6/2003	12:57	2.59	13.41
S69C	10/6/2003	12:56	2.62	13.38
S69D	10/6/2003	12:55	2.71	13.29
S70B	10/6/2003	13:01	3.08	13.62
S70C	10/6/2003	13:02	3.07	13.63
S70D	10/6/2003	13:02	3.12	13.58
S71B	10/6/2003	08:53	4.61	13.79
S71C	10/6/2003	08:54	4.75	13.65
S71D	10/6/2003	08:55	4.75	13.65
S72B	10/6/2003	08:36	4.91	13.29
S72C	10/6/2003	08:35	4.92	13.28
S72D	10/6/2003	08:34	4.92	13.28
S73B	10/6/2003	08:45	3.64	13.36
S73C	10/6/2003	08:44	3.79	13.21
S73D	10/6/2003	08:24	3.77	13.23
TE03	10/6/2003	13:32	2.71	14.29
PIN15			Northeast Site	
0506	10/6/2003	11:16	3.19	13.81
0507	10/6/2003	11:16	3.20	13.80
0510	10/6/2003	14:43	2.77	14.75
0513	10/6/2003	10:47	9.78	7.82
0514	10/6/2003	10:55	5.50	12.00
0515	10/6/2003	10:56	5.41	12.09
0516	10/6/2003	10:56	4.14	13.26
0518	10/6/2003	10:43	3.78	14.02
0520	10/6/2003	11:19	3.30	13.90
0523	10/6/2003	13:15	0.22	17.78
0530	10/6/2003	10:51	4.15	13.25
0533	10/6/2003	13:33	5.22	12.78
0534	10/6/2003	11:19	3.63	13.67
0535	10/6/2003	10:52	4.85	12.75
0536	10/6/2003	12:56	6.00	11.60
0537	10/6/2003	11:26	6.97	11.63
0538	10/6/2003	11:28	4.48	14.32
0557	10/6/2003	11:30	3.96	15.14
0559	10/6/2003	14:40	3.92	14.87

Table 2 (continued). Water-Level Data at the STAR Center

Location	Measurement		Water Depth From Land Surface (ft)	Ground Water Elevation (ft NGVD)
	Date	Time		
0560	10/6/2003	12:52	4.15	13.85
0561	10/6/2003	12:52	3.71	14.29
0562	10/6/2003	12:45	3.43	14.37
0563	10/6/2003	12:44	3.14	14.66
0564	10/6/2003	12:50	3.07	14.13
0565	10/6/2003	12:50	2.63	14.57
0566	10/6/2003	12:54	4.18	13.32
0567	10/6/2003	12:54	3.63	13.87
0568	10/6/2003	14:27	3.95	14.55
0569	10/6/2003	14:27	4.35	14.03
0570	10/6/2003	14:46	3.62	14.36
0571	10/6/2003	14:35	2.78	14.69
0572	10/6/2003	14:33	2.75	14.76
E001	10/6/2003	11:13	2.25	13.77
M03D	10/6/2003	13:10	-0.16	18.26
M03S	10/6/2003	13:10	0.22	17.88
M12D	10/6/2003	10:45	3.15	14.05
M12S	10/6/2003	10:45	3.61	13.89
M14D	10/6/2003	12:42	2.53	15.47
M14S	10/6/2003	12:41	2.44	15.56
M16D	10/6/2003	12:37	3.09	15.11
M16S	10/6/2003	12:36	3.06	15.14
M17D	10/6/2003	13:26	4.81	12.79
M17S	10/6/2003	13:24	3.54	13.96
M24D	10/6/2003	12:46	3.56	14.24
M27D	10/6/2003	10:39	4.00	13.60
M27S	10/6/2003	10:40	3.56	14.04
M29D	10/6/2003	12:59	6.25	11.35
M29S	10/6/2003	12:58	4.52	13.08
M30D	10/6/2003	13:22	3.38	14.52
M30S	10/6/2003	13:21	3.07	14.73
M31D	10/6/2003	13:02	7.38	10.62
M31S	10/6/2003	13:02	6.61	11.39
M32D	10/6/2003	11:24	4.92	12.88
M32S	10/6/2003	11:24	4.24	13.56
M33D	10/6/2003	12:47	1.94	15.66
M34D	10/6/2003	13:54	8.21	9.89
M35D	10/6/2003	13:43	5.72	12.28
M36D	10/6/2003	13:51	6.24	11.56
M37D	10/6/2003	13:52	6.14	11.86
RW03	10/6/2003	13:45	34.58	-16.68
RW04	10/6/2003	13:59	6.90	10.70
RW06	10/6/2003	13:36	36.03	-18.03
RW07	10/6/2003	14:02	7.98	9.62
RW10	10/6/2003	13:37	6.07	11.83

Table 2 (continued). Water-Level Data at the STAR Center

Location	Measurement		Water Depth From Land Surface (ft)	Ground Water Elevation (ft NGVD)
	Date	Time		
RW11	10/6/2003	13:48	6.87	11.13
RW12	10/6/2003	13:55	12.39	5.91
RW13	10/6/2003	13:58	11.32	6.28
RW14	10/6/2003	14:01	11.75	6.15
RW15	10/6/2003	12:55	23.52	-6.32
RW16	10/6/2003	14:05	24.58	-6.58
PIN18			Wastewater Neutralization Area	
0500	10/6/2003	14:57	6.23	13.87
0502	10/6/2003	15:00	4.86	15.14
0503	10/6/2003	13:43	3.04	14.64
0504	10/6/2003	14:47	3.60	16.00
0505	10/6/2003	13:41	3.44	14.44
0506	10/6/2003	13:37	3.26	14.45
0507	10/6/2003	13:43	2.93	14.80
0508	10/6/2003	14:54	3.43	16.07
0509	10/6/2003	13:41	3.43	14.40
0510	10/6/2003	13:38	4.36	13.40
0511	10/6/2003	14:11	2.27	16.53
0512	10/6/2003	14:09	2.01	16.59
0513	10/6/2003	14:10	2.10	16.70
0514	10/6/2003	13:25	3.03	14.75
0515	10/6/2003	13:21	3.71	14.70
0516	10/6/2003	13:20	3.90	14.51
0517	10/6/2003	13:29	3.85	14.40
0518	10/6/2003	13:28	3.84	14.36
0519	10/6/2003	13:29	3.95	14.33
0520	10/6/2003	15:05	3.72	14.28
0521	10/6/2003	15:05	4.40	13.70
0522	10/6/2003	15:04	4.38	13.72
0523	10/6/2003	15:07	4.71	14.69
0524	10/6/2003	15:07	4.35	14.65
0525	10/6/2003	15:08	4.13	14.77
0526	10/6/2003	14:07	2.33	16.27
RW02	10/6/2003	14:58	8.80	11.30
RW03	10/6/2003	15:03	8.91	9.39
RW0501	10/6/2003	15:02	7.32	12.68
PIN21			Perimeter Monitoring Wells	
0500	10/6/2003	08:24	4.76	13.34
0501	10/6/2003	08:25	4.49	13.51
0502	10/6/2003	12:46	2.17	13.03
0503	10/6/2003	12:48	2.30	12.90
0504	10/6/2003	13:56	4.17	13.43
0505	10/6/2003	13:55	3.95	13.45
0512	10/6/2003	12:51	4.06	13.24

Table 2 (continued). Water-Level Data at the STAR Center

Location	Measurement		Water Depth From Land Surface (ft)	Ground Water Elevation (ft NGVD)
	Date	Time		
PIN23			Southwest Pond	
SW01	10/6/2003	13:51		13.39
PIN37			South Pond	
S001	10/6/2003	13:52		13.44

Table 3. Floridan Aquifer Monitoring Well Water Elevations

Well Identification	Previous Water Level Elevation (ft, MSL)	Current Water Level Elevation (ft, MSL)
PIN15-0513	7.58	7.82
PIN12-0527	7.52	7.91
PIN12-0528	7.62	7.86

Table 4. Vertical Hydraulic Differential

Water Level Measured From	Well Identification	Water Level Elevation (ft, MSL)
Deep Surficial Aquifer	PIN15-M12D	14.05
Floridan Aquifer	PIN15-0513	7.82

Table 5. Surface Water Elevations

Pond Location	Previous Water Level Elevation (ft, MSL)	Current Water Level Elevation (ft, MSL)
East Pond	14.48	13.77
South Pond	13.73	13.44
West Pond	18.34	17.98
Southwest Pond	13.74	13.39

Table 6. Field Measurements of Samples Collected at the STAR Center

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm) ^a	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
PIN06		Old Drum Storage Site					
0500	3-13	29.42	647	1.29	6.5	-51	0.53
0501	3-13	26.56	931	4.93	6.6	59.6	0.91
PIN09		Incinerator Site					
0500	3-13	29.3	822	1.06	6.76	-72.5	0.61
PIN12		Industrial Drain Leaks Bldg 100					
0509	3-13	26.18	1,281	3.41	6.63	53.4	1.43
0510	3-13	27.61	1,098	93.7	5.87	79.9	1.01
0513	15-25	25.3	2,040	20.6	6.82	-259	--
0514	30-40	25	1,509	111	6.42	-293.9	5.38
0517	15-25	29.2	595	598	6.85	-109	0.51
0518	30-40	29.1	725	19.8	6.67	-38.6	0.59
0520	36-46	27.91	1,509	25.2	6.52	18.3	0.67
0521	19.5-29.5	27.02	824	5.31	6.71	-86.7	0.72
0522	32-42	25.25	1,370	23.2	6.53	-6.8	1.05
0523	18-28	25.89	744	18.8	6.63	-81.3	0.57
0524	27-37	27.9	1,338	18.2	6.51	-77.7	1.04
0525	12-22	28.9	826	8.1	6.64	-87.6	0.99
0526	19.5-29.5	31.2	1,209	7.31	6.38	-60.6	1.29
S29C	14-24	23.3	718	7.5	6.61	-59.7	1.16
S30B	5-15	22.8	1,226	6.2	6.59	92	1.56
S31B	5-15	25.4	586	15.6	6.4	104	1.89
S32B	5.5-15.5	22.9	1,674	3.3	6.56	73.5	1.77
S33C	11-21	23.4	1,350	152	6.52	-94.3	1.36
S35B	5-15	22	1,582	43.9	6.35	35.2	1.79
S37B	5-15	22.4	908	31.6	6.61	-87.3	0.93
S56B	10-19.8	22.5	1,528	207	6.84	-121.6	1.71
S59B	10-19.8	22.3	993	138	7.24	-19	--
S68B	10-20	27	932	3.2	6.69	-104.1	3.52
S68C	18-28	27.1	1,014	784	6.58	-88.2	1.52
S68D	30-40	27	1,399	16.7	6.58	-88.4	1.25
S69B	10-20	30.2	760	216	6.47	-52.6	0.9
S69C	20-30	29.6	1,110	63.6	6.52	-51.1	0.74
S69D	30-40	29.8	1,600	18.8	6.61	-53.2	0.9
S70B	10-20	29.7	1,690	18.7	6.45	-38.1	0.98
S70C	20-30	29.8	1,560	171	6.44	-59.2	0.79
S70D	30-40	29.8	1,560	171	6.45	-54.4	0.89
S71B	10-20	29.1	1,490	37.6	6.47	-77.9	1.33
S71C	20-30	29	1,600	544	6.46	-62.6	0.97
S71D	30-40	28.9	1,450	663	6.47	-47.6	0.86
S72B	10-20	31.3	1,874	12.4	6.13	-41.5	1.77
S72C	20-30	30	851	19.8	6.46	-74.6	1.17
S72D	30-40	32.2	1,495	>1,000	6.48	-6.3	1
S73B	10-20	30.4	1,228	198	6.3	-224.6	1.69

Table 6 (continued). Field Measurements of Samples Collected at the STAR Center

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance ($\mu\text{mhos/cm}$) ^a	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
S73C	20–30	30.9	1,604	100.2	6.44	-76.2	1.42
S73D	30–40	31.2	1,513	>1,000	6.56	-86.6	1.4
PIN15		Northeast Site					
0506	12–21.5	26.22	1,322	19.9	6.72	-57	0.35
0507	5–14.5	26.6	441	49.3	6.74	-54	0.28
0514	15.5–25.5	25.24	1,768	15.6	6.47	-62	0.35
0515	7.6–17.6	26.78	669	1.49	6.72	-63	0.36
0516	0.3–10.3	27.33	607	0.85	6.82	-71	0.89
0520	5–14.5	27.37	327	8.41	6.26	30.3	0.31
0530	5–14.5	26.95	715	5.13	6.68	-107	0.29
0534	19.5–29	26.19	1,802	18.1	6.57	-34	0.35
0535	20.5–30	24.98	1,785	66.1	6.49	-89	0.18
0536	17.5–27	26.21	1,462	56.8	6.46	-53	0.2
0537	17.5–30	26.64	1,112	8.42	6.64	-58	0.94
0538	19.5–29	25.5	1,028	65.3	6.39	-63	0.13
0557	21–31	25.08	1,074	73.6	6.59	-43	1.91
0559	22–31.5	29.31	1,394	19.7	6.55	4.6	0.91
0560	19–28.5	29.24	1,069	1.69	6.51	-60	0.65
0561	5–14.5	29.01	1,352	3.06	6.49	-29	0.49
0562	20–29.5	34.8	940	5.91	6.65	-63	0.73
0563	5–14.5	34.24	2,128	2.5	6.4	-54	0.54
0564	20–29.5	29.23	1,648	0.93	6.54	-6	0.77
0565	5–14.5	30.27	1,205	5.94	6.47	-51	0.5
0566	19–28.5	37.32	1,646	71	6.6	-59	0.32
0567	5–14.5	34.65	975	3.02	6.65	-15	0.9
0568	10–20	27.92	1,384	19.2	6.61	-79	0.19
0569	20–30	27.63	1,460	16.5	6.54	-52	0.57
0570	20–30	29.9	2,202	544	6.59	-28.4	0.4
0571	10–20	29.49	915	58.5	6.68	-93.9	0.68
0572	20–30	29.28	1,210	107	6.56	-59.4	0.66
M03D	15–25	25.98	1,195	5.01	6.34	-49	0.53
M03S	2.5–12	26.99	644	18	6.74	-59	0.56
M17S	5–14.5	27.72	966	2.87	6.77	36.1	0.94
M27D	21–31	25.41	1,636	16.6	6.52	-61	0.21
M27S	6–16	27.47	813	2.5	6.67	77.1	0.51
M29D	20–30	24.5	335	6.6	6.65	-50.3	0.58
M29S	5–15	26.3	918	6.4	6.7	-33.2	0.68
M30D	20.5–30.5	25.59	1,221	13.7	6.39	-57	0.19
M30S	5.5–15.5	26.42	824	2.05	6.66	-64.6	0.33
M31D	19.5–29.5	25.34	1,151	5.62	6.48	-56	0.27
M31S	4.5–14.5	26.5	1,106	8.06	6.77	-112	0.23
M32D	14–24	26.56	459	5.64	6.95	-90	0.31
M32S	3–13	27.2	646	17.2	6.77	-71	0.14

Table 6 (continued). Field Measurements of Samples Collected at the STAR Center

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm) ^a	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
M34D	20–30	25.6	1,040	6.59	6.41	-51	2.32
M35D	20–30	25.6	2,940	5.8	5.19	11.6	0.64
PIN18		Wastewater Neutralization Area					
0500	11–16	28.47	443	7.82	6.82	-101.8	0.53
0502	11–16	26.91	649	7.38	6.52	-53.3	1.27
0503	10–20	29.48	908	8.56	6.6	-98	0.19
0504	13–22	27.09	492	6.79	6.77	-50	0.82
0505	10.5–20.5	29.38	635	15.8	6.74	-55	0.19
0506	12–22	29.18	582	2.65	6.79	-117	2.36
0507	27–37	28.8	1,521	24.6	6.71	-55	0.18
0508	31–41	26.63	929	12	6.54	-77.8	0.75
0509	27.5–37.5	28.42	1,394	15.2	6.7	-39	0.17
0510	27.5–37.5	28.1	1,126	55.1	6.71	-101	0.18
0514	32.5–42.5	28.36	1,531	46.5	6.65	-53	0.14
0515	22.5–32.5	28.62	1,318	27	6.6	-110	0.15
0516	12.5–22	29.39	1,312	10.2	6.6	-96	0.18
0521	20–30	26.19	895	4.74	6.6	-67.7	0.65
0522	5–15	27.41	537	11.3	6.46	49.9	0.79
0523	32.5–42.5	25.92	1,005	18.2	6.6	-44.6	0.64
0524	20–30	26.24	773	26.4	6.58	-91.1	0.53
0525	5–15	27.68	489	16	6.39	79.3	0.72
PIN21		Perimeter Monitoring Wells					
0502	7–17	27.5	765	2.6	6.45	-9.5	0.85
0503	20–28	26.7	925	7.5	6.46	-74.3	0.76
0504	7–17	26.3	586	9.3	6.57	-67	1.29
0505	20–28	25.8	861	7.9	6.57	-39	0.59
0512	20–29.5	25.8	1,054	19.6	6.48	-60.2	0.62

^aTemperature corrected to 25°C.

-- = Not Measured.

Table 7. COPC Concentrations at the Northeast Site
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	Total 1,2-DCE ^a	Vinyl chloride	Methylene chloride	Benzene	Toluene	Total COPC ^b
FDEP MCL			3	70	63	1	5	1	1,000	
PIN15			Northeast Site							
0506	12–21.5	10/12/2002	<1	<1	ND	<1	<5	<1	<1	ND
		4/10/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/13/2003	<1	<1	ND	<1	<5	<1	<1	ND
0507	5–14.5	10/12/2002	<1	<1	ND	<1	0.3J	<1	<1	ND
		4/10/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/13/2003	<1	<1	ND	<1	<5	<1	<1	ND
0510	4–13.5	4/15/2003	<1	<1	ND	<1	0.3JB	<1	<1	ND
0513	135–149.6	4/10/2003	<1	<1	ND	<1	0.66J	<1	<1	ND
0514	15.5–25.5	10/13/2002	<1	<1	ND	<1	0.4JB	4.5	0.34J	4.5
		4/14/2003	<1	<1	ND	<1	<5	4.3	0.36J	4.3
		10/14/2003	<1	<1	ND	<1	<5	7.9	<1	7.9
0515	7.6–17.6	10/13/2002	<1	<1	ND	<1	0.62JB	<1	<1	ND
		4/14/2003	<1	<1	ND	<1	0.3JB	<1	<1	ND
		10/14/2003	<1	<1	ND	<1	<5	<1	<1	ND
0516	0.3–10.3	10/13/2002	<1	<1	ND	<1	0.77JB	<1	<1	ND
		4/14/2003	<1	<1	ND	<1	0.3JB	<1	<1	ND
		10/14/2003	<1	<1	ND	<1	<5	<1	<1	ND
0518	23–28	4/10/2003	<1	<1	ND	<1	<5	<1	<1	ND
0520	5–14.5	10/12/2002	<1	<1	ND	<1	0.31J	<1	<1	ND
		4/10/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/13/2003	<1	<1	ND	<1	<5	<1	<1	ND
0523	5–14.5	4/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
0530	5–14.5	10/13/2002	<1	<1	ND	<1	0.73JB	<1	<1	ND
		1/10/2003	0.95J	<1	ND	<1	<5	<1	0.4J	ND
		4/14/2003	<1	<1	ND	<1	0.42JB	<1	0.13J	ND
		7/16/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/14/2003	<1	<1	ND	<1	<5	<1	<1	ND
0533	19.5–29.5	4/14/2003	910	5,700	5,700	420	<100	<100	<100	7,030
0534	19.5–29	10/12/2002	<1	<1	ND	<1	<5	<1	<1	ND
		4/10/2003	<1	<1	ND	<1	0.57J	<1	<1	ND
		10/13/2003	<1	<1	ND	<1	<5	<1	<1	ND
0535	20.5–30	10/13/2002	<1	<1	ND	<1	1.4JB	1.5	0.27J	1.5
		1/10/2003	<1	7.2	7.2	11	<5	1.2	0.59J	19.4
		4/14/2003	<1	<1	ND	<1	<5	2.1	0.2J	2.1
		7/16/2003	<1	<1	ND	<1	<5	2.1	<1	2.1
		10/14/2003	<1	<1	ND	<1	<5	3.5	<1	3.5
0536	17.5–27	10/14/2002	110,000	5,800	5,800	<2,500	2,500JB	<2,500	<2,500	115,800
		1/10/2003	71,000	3,500	3,500	<2,500	<12,000	<2,500	<2,500	74,500
		4/14/2003	130,000	2,000J	2,000J	<2,500	8,600JB	<2,500	<2,500	130,000
		7/16/2003	76,000	1,400	1,400	<1,000	<5,000	<1,000	<1,000	77,400
		10/15/2003	29,000	1,700	1,700	<250	<1,200	<250	<250	30,700

Table 7 (continued). COPC Concentrations at the Northeast Site
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	Total 1,2-DCE ^a	Vinyl chloride	Methylene chloride	Benzene	Toluene	Total COPC ^b
FDEP MCL			3	70	63	1	5	1	1,000	
0537	17.5-30	10/14/2002	<250	5,600	5,600	860	<1,200	<250	<250	6,460
		1/9/2003	87	2,100	2,100	1,900	<250	<50	<50	4,087
		4/11/2003	<250	6,600	6,600	1,600	<1,200	<250	<250	8,200
		7/15/2003	0.51J	71	71	170	<12	3.6	<2.5	244.6
		10/13/2003	<2.5	7.2	7.2	76	<12	8	<2.5	91.2
0538	19.5-29	10/14/2002	<250	2,000	2,000	24,000	<1,200	25J	540	26,540
		1/9/2003	<1,000	1,200	1,200	33,000	<5,000	<1,000	930J	34,200
		4/11/2003	<250	240J	240J	30,000	<1,200	<250	65J	30,000
		7/15/2003	<250	820	820	25,000	<1,200	<250	420	26,240
		10/13/2003	<250	1,800	1,800	26,000	<1,200	<250	230J	27,800
0557	21-31	10/14/2002	<1	<1	ND	3.6	0.54J	<1	<1	3.6
		4/11/2003	<1	<1	ND	3.9	<5	<1	<1	3.9
		10/10/2003	<1	<1	ND	0.31J	<5	<1	<1	ND
0559	22-31.5	10/12/2002	<1	<1	ND	<1	<5	<1	<1	ND
		1/10/2003	<1	<1	ND	<1	<5	11	0.41J	11
		4/15/2003	<1	<1	ND	<1	2.6J	<1	<1	ND
		7/16/2003	<1	<1	ND	<1	<5	2	<1	2
		10/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
0560	19-28.5	10/23/2002	<1	<1	ND	<1	0.67J	<1	0.23J	ND
		11/13/2002	<1	<1	ND	<1	0.42J	0.29J	0.34J	ND
		12/3/2002	5.6	3.7	3.7	<1	<5	0.29J	6	15.3
		12/19/2002	0.64J	4.5	4.5	1.4	<5	0.25J	5.7	11.6
		1/13/2003	<1	1.3	1.3	0.64J	<5	0.28J	1.5	2.8
		2/26/2003	<1	0.34J	0.34J	7.6	<5	<1	0.53J	7.6
		4/17/2003	<1	<1	ND	<1	<5	<1	<1	ND
		5/13/2003	<1	<1	ND	<1	0.84JB	<1	<1	ND
		7/23/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/14/2003	<1	<1	ND	<1	<5	<1	<1	ND
0561	5-14.5	10/23/2002	<1	<1	ND	<1	<5	<1	<1	ND
		11/13/2002	<1	<1	ND	<1	0.45J	<1	0.24J	ND
		12/3/2002	<1	<1	ND	<1	<5	<1	<1	ND
		12/19/2002	<1	<1	ND	<1	<5	<1	<1	ND
		1/13/2003	<1	<1	ND	<1	<5	<1	<1	ND
		2/26/2003	<1	<1	ND	<1	1.1J	<1	<1	ND
		4/17/2003	<1	<1	ND	<1	<5	<1	<1	ND
		5/13/2003	<1	<1	ND	<1	0.55JB	<1	<1	ND
		7/24/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/14/2003	<1	<1	ND	<1	<5	<1	<1	ND

Table 7 (continued). COPC Concentrations at the Northeast Site
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	Total 1,2-DCE ^a	Vinyl chloride	Methylene chloride	Benzene	Toluene	Total COPC ^b
FDEP MCL			3	70	63	1	5	1	1,000	
0562	20–29.5	10/23/2002	<1	<1	ND	0.36J	0.81J	<1	0.14J	ND
		11/13/2002	29	10	10	<1	<5	3.9	16	58.9
		12/3/2002	<1	<1	ND	<1	<5	1.4	1.2	2.6
		12/19/2002	<1	<1	ND	<1	<5	1	1.2	2.2
		1/13/2003	<1	<1	ND	<1	<5	1.8	0.89J	1.8
		2/26/2003	0.17J	0.14J	0.14J	<1	1.1J	1.2	1.6	2.8
		4/16/2003	<1	<1	ND	0.29J	<5	<1	<1	ND
		5/14/2003	<1	<1	ND	<1	0.37JB	<1	<1	ND
		7/23/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/14/2003	<1	<1	ND	<1	<5	<1	<1	ND
0563	5–14.5	10/23/2002	<1	<1	ND	<1	0.52J	<1	0.26J	ND
		11/13/2002	<1	<1	ND	<1	<5	0.31J	0.88J	ND
		12/3/2002	<1	<1	ND	<1	<5	0.18J	1.4	1.4
		12/19/2002	4.3	<1	ND	<1	<5	0.37J	0.3J	4.3
		1/13/2003	2	0.24J	0.24J	<1	<5	0.72J	0.59J	2
		2/26/2003	0.56J	0.35J	0.35J	<1	0.64J	0.75J	<1	ND
		4/16/2003	1.4	1.5	1.5	<1	<5	0.37J	0.3J	2.9
		5/14/2003	0.92J	1.6	1.6	<1	0.41JB	0.35J	0.54J	1.6
		7/23/2003	1.1	1.8	1.8	<1	0.32J	0.21J	<1	2.9
		10/14/2003	3.5	<1	ND	<1	<5	0.1J	<1	3.5
0564	20–29.5	10/23/2002	3.1	0.36J	0.36J	<1	1.4J	0.17J	3.1	6.2
		11/13/2002	24	25	25	<1	0.5J	6.2	54	109.2
		12/3/2002	120	37	37	<2.5	6.2J	2.9	120	279.9
		12/19/2002	9.2	21	21	<1	<5	1.3	21	52.5
		1/13/2003	35	13	13	<1	0.63J	4.8	79	131.8
		2/26/2003	2	11	11	0.48J	0.99J	2.1	12	27.1
		4/16/2003	0.12J	2.4	2.4	0.16J	<5	0.14J	<1	2.4
		5/13/2003	0.2J	0.56J	0.56J	<1	0.59JB	<1	<1	ND
		7/23/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
0565	5–14.5	10/23/2002	<1	<1	ND	<1	0.76J	<1	0.21J	ND
		11/13/2002	<1	<1	ND	<1	<5	<1	0.73J	ND
		12/3/2002	<1	<1	ND	<1	<5	<1	0.96J	ND
		12/19/2002	<1	<1	ND	<1	<5	<1	<1	ND
		1/13/2003	<1	<1	ND	<1	<5	<1	<1	ND
		2/26/2003	<1	<1	ND	<1	0.76J	<1	<1	ND
		4/16/2003	<1	<1	ND	<1	<5	<1	<1	ND
		5/13/2003	<1	<1	ND	<1	0.85JB	<1	<1	ND
		7/23/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/14/2003	<1	<1	ND	<1	<5	<1	<1	ND

Table 7 (continued). COPC Concentrations at the Northeast Site
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	Total 1,2-DCE ^a	Vinyl chloride	Methylene chloride	Benzene	Toluene	Total COPC ^b
FDEP MCL			3	70	63	1	5	1	1,000	
0566	19–28.5	10/23/2002	4	3.8	3.8	0.94J	1.5J	5	3.5	16.3
		11/13/2002	68	5.6	5.6	1.8	0.59J	4.6	23	103
		12/3/2002	74	100	100	5.6	<12	1.7J	100	279.6
		12/19/2002	0.38J	77	77	26	<5	0.76J	1.3	104.3
		1/13/2003	5.3	26	26	10	0.24J	2	10	53.3
		2/26/2003	0.14J	2.5	2.5	6.5	0.91J	26	1.8	36.8
		4/16/2003	<1	<1	ND	1.5	<5	17	1.1	19.6
		5/13/2003	<1	0.35J	0.35J	5.3	0.6JB	14	1.4	20.7
		7/23/2003	<1	1.4	1.4	6	<5	1.8	1.2	10.4
10/15/2003	<1	<1	ND	<1	<5	1	<1	1		
0567	5–14.5	10/23/2002	0.21J	10	14.2	0.52J	1.2J	<1	0.15J	14.2
		11/13/2002	<1	3.7	5	0.7J	<5	<1	0.21J	5
		12/3/2002	<1	2	2	<1	<5	<1	0.5J	2
		12/19/2002	<1	1.8	1.8	<1	<5	<1	<1	1.8
		1/13/2003	<1	1	1	0.67J	<5	<1	0.14J	1
		2/26/2003	<1	0.7J	0.91J	0.3J	0.69J	<1	<1	ND
		4/16/2003	<1	2.3	2.3	0.54J	<5	<1	<1	2.3
		5/13/2003	<1	1.4	1.4	0.31J	<5	<1	<1	1.4
		7/23/2003	<1	1.3	1.3	0.38J	<5	<1	<1	1.3
10/15/2003	<1	<1	ND	<1	<5	<1	<1	ND		
0568	10–20	4/15/2003	<1	<1	ND	<1	2.2J	<1	<1	ND
		7/21/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
0569	20–30	4/15/2003	<1	0.28J	0.28J	36	0.5J	4.1	0.54J	40.1
		7/21/2003	<1	<1	ND	38	<5	2.8	0.18J	40.8
		10/15/2003	<1	<1	ND	13	<5	1.8	<1	14.8
0570	20–30	4/15/2003	<1	<1	ND	<1	3.1JB	<1	<1	ND
		7/18/2003	<1	<1	ND	<1	<5	<1	0.32J	ND
		10/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
0571	10–20	4/16/2003	<1	<1	ND	<1	<5	<1	<1	ND
		7/21/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
0572	20–30	4/16/2003	<1	<1	ND	<1	<5	<1	<1	ND
		7/21/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
M03D	15–25	10/15/2002	<1	<1	ND	0.42J	0.92JB	<1	<1	ND
		4/15/2003	<1	<1	ND	0.4J	0.85JB	<1	<1	ND
		10/10/2003	<1	<1	ND	<1	<5	<1	<1	ND
M03S	2.5–12	10/15/2002	<1	<1	ND	<1	0.85JB	<1	<1	ND
		4/15/2003	<1	<1	ND	<1	0.33JB	<1	<1	ND
		10/10/2003	<1	<1	ND	<1	<5	<1	<1	ND
M12D	22.5–32.5	4/10/2003	<1	<1	ND	<1	0.39J	<1	<1	ND
M12S	5–14.5	4/10/2003	<1	<1	ND	<1	0.58J	<1	<1	ND
M14D	18.5–28.5	4/15/2003	<1	<1	ND	<1	0.55JB	<1	<1	ND

Table 7 (continued). COPC Concentrations at the Northeast Site
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	Total 1,2-DCE ^a	Vinyl chloride	Methylene chloride	Benzene	Toluene	Total COPC ^b
FDEP MCL			3	70	63	1	5	1	1,000	
M14S	4-14	4/15/2003	<1	<1	ND	<1	0.32JB	<1	<1	ND
M16D	18.5-28.5	4/11/2003	<1	<1	ND	<1	<5	<1	<1	ND
M16S	5-14.5	4/11/2003	<1	<1	ND	<1	<5	<1	<1	ND
M17D	19.5-29.5	4/11/2003	39,000	100,000	100,000	3,100	2,100JB	390J	54,000	196,100
M17S	5-14.5	4/11/2003	<1	<1	ND	<1	<5	<1	<1	ND
M24D	20-30	4/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
M27D	21-31	10/13/2002	<1	<1	ND	<1	1.4JB	23	2.4	25.4
		1/10/2003	<1	0.15J	0.15J	1.2	<5	16	1	18.2
		4/10/2003	<1	<1	ND	<1	0.43J	6	<1	6
		7/15/2003	<1	<1	ND	<1	<5	2.5	<1	2.5
		10/13/2003	<1	<1	ND	<1	<5	4.8	<1	4.8
M27S	6-16	10/13/2002	<1	<1	ND	<1	0.69JB	0.18J	<1	ND
		1/10/2003	<1	<1	ND	<1	<5	<1	<1	ND
		4/10/2003	<1	<1	ND	<1	<5	<1	<1	ND
		7/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/13/2003	<1	<1	ND	<1	<5	<1	<1	ND
M29D	20-30	10/14/2002	<1	<1	ND	<1	1.1JB	0.36J	<1	ND
		4/14/2003	<1	<1	ND	<1	4.2JB	0.15J	<1	ND
		10/15/2003	<25	<25	ND	<25	<120	<25	<25	ND
M29S	5-15	10/14/2002	<1	<1	ND	<1	0.78JB	<1	<1	ND
		4/14/2003	<1	<1	ND	<1	5.5B	<1	0.42J	5.5
		10/15/2003	<25	<25	ND	<25	<120	<25	<25	ND
M30D	20.5-30.5	10/14/2002	<10	71	71	380	4.7J	<10	<10	451
		4/11/2003	<1	2.4	2.4	32	0.41J	0.53J	<1	34.4
		10/10/2003	<5	<5	ND	390	<25	<5	<5	390
M30S	5.5-15.5	10/14/2002	<1	<1	ND	0.58J	0.51J	<1	<1	ND
		4/11/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/10/2003	<1	<1	ND	<1	<5	<1	<1	ND
M31D	19.5-29.5	10/14/2002	<1	<1	ND	54	1.7J	15	0.93J	69
		1/9/2003	<1	0.65J	0.65J	25	0.47J	8.8	0.65J	33.8
		4/14/2003	<1	<1	ND	0.21J	0.62J	0.13J	<1	ND
		7/15/2003	<1	<1	ND	6.8	<5	4.2	<1	11
		10/15/2003	<1	<1	ND	12	<5	8.4	<1	20.4
M31S	4.5-14.5	10/14/2002	<1	110	110	71	0.91JB	4.3	<1	185.3
		1/9/2003	<1	<1	ND	<1	<5	<1	<1	ND
		4/14/2003	<1	<1	ND	<1	0.34J	<1	<1	ND
		7/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
M32D	14-24	10/14/2002	<1	<1	ND	0.27J	<5	<1	<1	ND
		1/9/2003	<1	<1	ND	<1	<5	<1	<1	ND
		4/10/2003	<1	<1	ND	<1	<5	<1	<1	ND
		7/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/13/2003	<1	<1	ND	<1	<5	<1	<1	ND

Table 7 (continued). COPC Concentrations at the Northeast Site
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	Total 1,2-DCE ^a	Vinyl chloride	Methylene chloride	Benzene	Toluene	Total COPC ^b
FDEP MCL			3	70	63	1	5	1	1,000	
M32S	3-13	10/14/2002	<1	<1	ND	<1	<5	<1	<1	ND
		1/9/2003	<1	<1	ND	<1	<5	<1	<1	ND
		4/10/2003	<1	<1	ND	<1	<5	<1	<1	ND
		7/15/2003	<1	<1	ND	<1	<5	<1	<1	ND
		10/13/2003	<1	<1	ND	<1	<5	<1	<1	ND
M33D	20-30	4/15/2003	<1	<1	ND	<1	0.85JB	<1	<1	ND
M34D	20-30	10/14/2002	<2,500	4,300	4,300	21,000	4,000J	380J	6,400	31,700
		4/14/2003	<50	1,400	1,400	2,200	60J	6.1J	<50	3,600
		10/15/2003	<250	<250	ND	9,700	<1,200	<250	<250	9,700
M35D	20-30	4/11/2003	11,000	48,000	48,000	1,800	910,000	<25,000	77,000	1,047,800
M36D	20-30	4/11/2003	<25	<25	ND	200	120JB	72	<25	272
RW03	10.5-30.5	1/9/2003	26,000	38,000	38,000	4,000J	130,000	<5,000	25,000	219,000
		4/11/2003	11,000	51,000	51,000	2,600	130,000B	<2,500	14,000	208,600
		7/15/2003	13,000	33,000	33,000	14,000	130,000	<2,500	10,000	200,000
		10/15/2003	12,000	18,000	18,000	11,000	82,000	<2,500	7,400	130,400
RW06	11-31	10/15/2002	26,000	110,000	110,000	16,000	170,000	540J	66,000	388,000
		1/9/2003	12,000	65,000	65,000	4,100	75,000	<2,500	39,000	195,100
		4/11/2003	10,000	76,000	76,000	6,300	71,000B	190J	30,000	193,300
		7/15/2003	<1,000	66,000	66,000	11,000	4,600J	210J	24,000	101,000
		10/15/2003	7,200	50,000	50,000	<5,000	170,000	<5,000	11,000	238,200
RW12	14-29	10/15/2002	130J	5,800	5,800	8,800	660J	34J	1,500	16,100
		1/9/2003	390	5,600	5,600	7,900	220JB	<250	870	14,760
		4/14/2003	320	6,500	6,500	7,900	52JB	21J	600	15,320
		7/15/2003	280	4,800	4,800	5,400	<500	<100	280	10,760
		10/15/2003	120	5,200	5,200	6,400	<500	<100	290	12,010
RW13	9-29	10/15/2002	2.5J	130	130	94	270	14	81	589
		1/9/2003	2.1J	110	110	75	340	9.5	88	622.5
		4/14/2003	1.2J	120	120	250	220B	11	82	683
		7/16/2003	<5	46	46	300	140	12	87	585
		10/15/2003	<5	1.1J	1.1J	180	<25	12	82	274
RW14	8-28	10/15/2002	520	2,500	2,500	3,900	290	18J	180	7,390
		1/9/2003	210	930	930	950	130	<25	100	2,320
		4/14/2003	900	3,700	3,700	3,600	<500	18J	80J	8,200
		7/16/2003	500	3,600	3,600	2,900	<500	<100	46J	7,000
		10/15/2003	<100	1,700	1,700	1,400	<500	<100	<100	3,100
RW15	14.5-29.5	10/15/2002	1,900	1,500	1,500	1,400	<120	8.2J	<25	4,800
		1/9/2003	2,500	1,400	1,400	210	<250	<50	<50	4,110
		4/14/2003	3,600	1,700	1,700	100	250JB	10J	9.4J	5,400
		7/16/2003	2,600	1,200	1,200	240	<250	10J	11J	4,040
		10/15/2003	2,100	740	740	250	<250	<50	<50	3,090

Table 7 (continued). COPC Concentrations at the Northeast Site
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	Total 1,2-DCE ^a	Vinyl chloride	Methylene chloride	Benzene	Toluene	Total COPC ^b
FDEP MCL			3	70	63	1	5	1	1,000	
RW16	20-30	10/15/2002	<50	810	810	2,200	93J	8.8J	<50	3,010
		1/9/2003	<50	330	330	2,900	<250	<50	<50	3,230
		4/14/2003	<25	840	840	1,200	12J	2.8J	<25	2,040
		7/15/2003	<25	610	610	1,400	<120	<25	<25	2,010
		10/15/2003	<25	340	340	890	<120	<25	<25	1,230
RW17	19.5-29.5	10/15/2002	<1,000	64,000	64,000	28,000	1,200JB	<1,000	1,500	93,500
		1/9/2003	<2,500	58,000	58,000	15,000	<12,000	<2,500	<2,500	73,000
		4/14/2003	<1,000	65,000	65,000	18,000	5,200	<1,000	980J	88,200
		7/15/2003	<1,000	77,000	77,000	21,000	<5,000	<1,000	1,500	99,500
		10/15/2003	<1,000	58,000	58,000	15,000	<5,000	<1,000	<1,000	73,000

^aTotal 1,2-DCE is the sum of cis-1,2-DCE and trans-1,2-DCE.

^bTotal COPC is the sum of the individual COPC concentrations. The cis-1,2-DCE value is not part of the total COPC value because this value is included in the total 1,2-DCE value. "J" values are not included in the total COPC value.

ND = Not detected

J = Estimated value, result is between the reporting limit and the method detection limit.

B = Analyte also found in method blank.

*Table 8. Arsenic and Chromium in Samples Collected at the STAR Center
(reported in milligrams per liter)*

Location	Screen Depth (ft bls)	Date Sampled	Arsenic	Chromium
PIN06			Old Drum Storage Site	
0500	3-13	10/14/2003	0.016	--
0501	3-13	10/15/2003	0.025	--
PIN09			Incinerator Site	
0500	3-13	10/15/2003	0.043	--
PIN12			Industrial Drain Leaks Bldg 100	
0509	3-13	10/15/2003	0.0073J	--
0510	3-13	10/15/2003	0.019	--
0513	15-25	10/13/2003	0.0039J	--
0514	30-40	10/13/2003	0.0037J	--
0517	15-25	10/13/2003	<0.01	--
0518	30-40	10/13/2003	<0.01	--
0520	36-46	10/14/2003	<0.01	--
0521	19.5-29.5	10/15/2003	0.0073J	--
0522	32-42	10/15/2003	0.0072J	--
0523	18-28	10/15/2003	0.0077J	--
0524	27-37	10/13/2003	<0.01	--
0525	12-22	10/13/2003	0.028	--
0526	19.5-29.5	10/10/2003	<0.01	--
S29C	14-24	10/8/2003	0.0043J	--
S30B	5-15	10/8/2003	<0.01	--
S31B	5-15	10/8/2003	0.079	--
S32B	5.5-15.5	10/8/2003	0.011	--
S33C	11-21	10/8/2003	0.013	--
S35B	5-15	10/8/2003	0.0079J	--
S37B	5-15	10/8/2003	0.01	--
S56B	10-19.8	10/8/2003	0.0061J	--
S59B	10-19.8	10/8/2003	<0.01	--
S68B	10-20	10/13/2003	0.065	--
S68C	18-28	10/13/2003	0.0048J	--
S68D	30-40	10/13/2003	<0.01	--
S69B	10-20	10/10/2003	0.012	--
S69C	20-30	10/10/2003	<0.01	--
S69D	30-40	10/10/2003	<0.01	--
S70B	10-20	10/10/2003	<0.01	--
S70C	20-30	10/10/2003	<0.01	--
S70D	30-40	10/10/2003	<0.01	--
S71B	10-20	10/10/2003	<0.01	--
S71C	20-30	10/10/2003	<0.01	--
S71D	30-40	10/10/2003	<0.01	--
S72B	10-20	10/9/2003	<0.01	--
S72C	20-30	10/9/2003	<0.01	--
S72D	30-40	10/9/2003	0.0043J	--
S73B	10-20	10/9/2003	<0.01	--

Table 8 (continued). Arsenic and Chromium in Samples Collected at the STAR Center
(reported in milligrams per liter)

Location	Screen Depth (ft bls)	Date Sampled	Arsenic	Chromium
S73C	20–30	10/7/2003	<0.01	--
S73D	30–40	10/7/2003	0.0043J	--
PIN15		Northeast Site		
0506	12–21.5	10/13/2003	<0.01	--
0507	5–14.5	10/13/2003	<0.01	--
0514	15.5–25.5	10/14/2003	<0.01	--
0515	7.6–17.6	10/14/2003	0.0069J	--
0516	0.3–10.3	10/14/2003	0.0046J	--
0520	5–14.5	10/13/2003	<0.01	--
0530	5–14.5	10/14/2003	0.015	--
0534	19.5–29	10/13/2003	<0.01	--
0535	20.5–30	10/14/2003	<0.01	--
0536	17.5–27	10/15/2003	0.0035J	--
0537	17.5–30	10/13/2003	<0.01	--
0559	22–31.5	10/15/2003	0.0058J	--
0560	19–28.5	10/14/2003	<0.01	--
0561	5–14.5	10/14/2003	0.0038J	--
0562	20–29.5	10/14/2003	<0.01	--
0563	5–14.5	10/14/2003	0.0074J	--
0564	20–29.5	10/15/2003	<0.01	--
0565	5–14.5	10/14/2003	<0.01	--
0566	19–28.5	10/15/2003	<0.01	--
0567	5–14.5	10/15/2003	0.028	--
0568	10–20	10/15/2003	0.0061J	--
0569	20–30	10/15/2003	0.0053J	--
0570	20–30	10/15/2003	0.008J	--
0571	10–20	10/15/2003	0.0084J	--
0572	20–30	10/15/2003	0.0063J	--
M03D	15–25	10/10/2003	<0.01	--
M03S	2.5–12	10/10/2003	0.013	--
M17S	5–14.5	10/13/2003	0.011	--
M27D	21–31	10/13/2003	<0.01	--
M27S	6–16	10/13/2003	0.0099J	--
M29S	5–15	10/15/2003	0.019	--
M31D	19.5–29.5	10/15/2003	0.0054J	--
M31S	4.5–14.5	10/15/2003	0.0068J	--
M32D	14–24	10/13/2003	<0.01	--
M32S	3–13	10/13/2003	0.03	--
M34D	20–30	10/15/2003	<0.01	--
M35D	20–30	10/15/2003	0.027	--
PIN18		Wastewater Neutralization Area		
0500	11–16	10/14/2003	0.093	<0.01
0502	11–16	10/14/2003	0.084	<0.01
0503	10–20	10/11/2003	<0.01	<0.01
0504	13–22	10/14/2003	<0.01	<0.01

Table 8 (continued). Arsenic and Chromium in Samples Collected at the STAR Center
(reported in milligrams per liter)

Location	Screen Depth (ft bls)	Date Sampled	Arsenic	Chromium
0505	10.5–20.5	10/11/2003	<0.01	<0.01
0506	12–22	10/11/2003	<0.01	<0.01
0507	27–37	10/11/2003	<0.01	<0.01
0508	31–41	10/14/2003	<0.01	<0.01
0509	27.5–37.5	10/11/2003	<0.01	<0.01
0510	27.5–37.5	10/11/2003	<0.01	<0.01
0514	32.5–42.5	10/11/2003	--	0.011
0515	22.5–32.5	10/11/2003	--	0.015
0516	12.5–22	10/11/2003	--	<0.01
0521	20–30	10/14/2003	0.0064J	<0.01
0522	5–15	10/14/2003	0.013	<0.01
0523	32.5–42.5	10/14/2003	<0.01	<0.01
0524	20–30	10/14/2003	0.026	<0.01
0525	5–15	10/14/2003	0.066	<0.01
RW02	10–20	10/2/2003	0.13	--
RW03	9–24	10/2/2003	0.032	--
RW0501	11–16	10/2/2003	0.14	--
PIN21			Perimeter Monitoring Wells	
0502	7–17	10/9/2003	<0.01	--
0503	20–28	10/9/2003	<0.01	--
0504	7–17	10/13/2003	0.0063J	--
0505	20–28	10/13/2003	<0.01	--
0512	20–29.5	10/9/2003	<0.01	--

J = Estimated value, result is between the reporting limit and the method detection limit.

-- Not Measured

Table 9. COPC Concentrations at the Building 100 Area
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE ^a	1,1-DCE	Vinyl chloride	Total COPC ^b
FDEP MCL			3	70	100	63	7	1	
PIN06			Old Drum Storage Site						
0500	3-13	4/15/2003	<1	<1	<1	ND	<1	<1	ND
		10/14/2003	<1	<1	<1	ND	<1	<1	ND
0501	3-13	4/15/2003	<1	<1	<1	ND	<1	<1	ND
		10/15/2003	<1	<1	<1	ND	<1	<1	ND
PIN09			Incinerator Site						
0500	3-13	4/15/2003	<1	<1	<1	ND	<1	<1	ND
PIN10			Incinerator Ditch						
0500	3-13	4/15/2003	0.25J	1.9	<1	1.9	<1	<1	1.9
PIN12			Industrial Drain Leaks Bldg 100						
0508	3-13	4/15/2003	<2.5	<2.5	<2.5	ND	<2.5	<2.5	ND
0509	3-13	4/15/2003	<1	0.099J	<1	0.099J	<1	<1	ND
		10/15/2003	<1	<1	<1	ND	<1	<1	ND
0510	3-13	4/15/2003	<2.5	<2.5	<2.5	ND	<2.5	<2.5	ND
		10/15/2003	<1	<1	<1	ND	<1	<1	ND
0511	3-13	4/11/2003	<1	<1	<1	ND	<1	<1	ND
0512	3-13	4/12/2003	<1	<1	<1	ND	<1	<1	ND
0513	15-25	10/14/2002	0.27J	22	2.2	24.2	<1	48	72.2
		1/8/2003	<1	24	1.2	25.2	<1	46	71.2
		4/9/2003	<1	16	1.5	17.5	0.22J	37	54.5
		7/22/2003	<1	8.5	1.4	9.9	<1	27	36.9
		10/13/2003	<1	<1	1.5	1.5	<1	1.4	2.9
0514	30-40	10/14/2002	0.15J	64	63	127	<1	120	247
		1/9/2003	<2.5	45	54	99	<2.5	72	171
		4/8/2003	<1	52	29	81	<1	44	125
		4/9/2003	<2.5	56	60	116	0.34J	98	214
		7/22/2003	<1	21	58	79	<1	120	199
		10/13/2003	<1	7.2	45	52.2	<1	32	84.2
0515	15-25	4/12/2003	<1	<1	<1	ND	<1	<1	ND
0516	30-40	4/12/2003	<1	<1	<1	ND	<1	<1	ND
0517	15-25	10/12/2002	<1	<1	<1	ND	<1	<1	ND
		4/12/2003	<1	<1	<1	ND	<1	<1	ND
		10/13/2003	<1	<1	<1	ND	<1	<1	ND
0518	30-40	10/12/2002	<1	<1	<1	ND	<1	0.95J	ND
		4/12/2003	<1	<1	<1	ND	<1	0.84J	ND
		10/13/2003	<1	<1	<1	ND	<1	<1	ND
0520	36-46	4/15/2003	<1	9.9	<1	9.9	<1	57	66.9
		10/14/2003	<1	<1	<1	ND	<1	32	32
0521	19.5-29.5	4/15/2003	0.77J	1.5	<1	1.5	<1	0.68J	1.5
		10/15/2003	0.66J	0.98J	0.23J	1.21J	<1	0.5J	ND
0522	32-42	4/15/2003	<2.5	<2.5	<2.5	ND	<2.5	<2.5	ND
		10/15/2003	<1	<1	<1	ND	<1	<1	ND

Table 9 (continued). COPC Concentrations at the Building 100 Area
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE ^a	1,1-DCE	Vinyl chloride	Total COPC ^b
FDEP MCL			3	70	100	63	7	1	
0523	18–28	10/10/2002	0.2J	1	<1	1	<1	0.31J	1
		4/15/2003	<1	0.6J	<1	0.6J	<1	<1	ND
		10/15/2003	<1	<1	<1	ND	<1	<1	ND
0524	27–37	10/12/2002	<10	360	4.8J	360	24	43	427
		1/11/2003	<250	8,200	120J	8,200	280	530	9,010
		4/12/2003	<100	4,900	23J	4,900	150	300	5,350
		7/22/2003	<100	7,900	14J	7,900	170	800	8,870
0525	12–22	10/13/2003	230	6,900	<100	6,900	<100	400	7,530
		10/12/2002	<1	2.6	<1	2.6	<1	0.34J	2.6
		1/11/2003	<1	2.4	<1	2.4	<1	<1	2.4
		4/12/2003	<1	3.4	<1	3.4	<1	<1	3.4
		7/22/2003	<1	2.7	<1	2.7	<1	0.22J	2.7
0526	19.5–29.5	10/13/2003	<1	0.48J	<1	0.48J	<1	<1	ND
		10/12/2002	<1	3.5	2.1	5.6	<1	1.8	7.4
		1/9/2003	<1	3.1	1.7	4.8	<1	1.1	5.9
		4/8/2003	<1	53	30	83	<1	53	136
		4/9/2003	<1	8	3.6	11.6	<1	3.2	14.8
		7/18/2003	<1	2.2	1	3.2	<1	<1	3.2
0527	118–137.9	4/9/2003	<1	<1	<1	ND	<1	<1	ND
0528	127–146.9	4/11/2003	<1	<1	<1	ND	<1	<1	ND
RW01	19–29	4/7/2003	7,200	3,500	45J	3,500	<250	900	11,600
		10/2/2003	6,800	4,200	<100	4,200	<100	650	11,650
RW02	25–35	4/7/2003	660	720	47	767	18J	76	1,503
		10/2/2003	530	840	76	916	<25	75	1,521
S29C	14–24	5/9/2003	<1	5.7	5.5	11.2	<1	34	45.2
		10/8/2003	<1	19	6.4	25.4	<1	48	73.4
S30B	5–15	5/9/2003	1,900	27,000	880	27,880	140J	2,000	31,780
		10/8/2003	160J	11,000	370	11,370	<250	1,600	12,970
S31B	5–15	5/8/2003	<1	0.36J	<1	0.36J	<1	<1	ND
		10/8/2003	<1	<1	<1	ND	<1	<1	ND
S32B	5.5–15.5	5/9/2003	<1	22	0.74J	22	0.65J	4.9	26.9
		10/8/2003	<1	<1	<1	ND	<1	<1	ND
S33C	11–21	5/9/2003	7.9J	980	68	1,048	6.4J	1,400	2,448
		10/8/2003	<25	1,300	90	1,390	<25	2,400	3,790
S35B	5–15	5/9/2003	49,000	110,000	11,000	121,000	<1,000	20,000	190,000
		10/8/2003	16,000	68,000	4,500	72,500	<1,000	13,000	101,500
S36B	5–15	5/8/2003	<1	<1	<1	ND	<1	<1	ND
S37B	5–15	5/9/2003	57	720	14	734	<10	310	1,101
S54D	36–41	5/12/2003	11,000	59,000	<1,000	59,000	370J	4,600	74,600
S55B	10–19.8	5/12/2003	<50	2,000	<50	2,000	<50	19,000	21,000
S55C	20.5–30.3	5/12/2003	<100	8,300	18J	8,300	<100	1,900	10,200
S55D	31–40.8	5/12/2003	11J	2,800	<50	2,800	<50	590	3,390
S56B	10–19.8	5/12/2003	28	40	0.12J	40	0.76J	6.5	74.5

Table 9 (continued). COPC Concentrations at the Building 100 Area
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE ^a	1,1-DCE	Vinyl chloride	Total COPC ^b
FDEP MCL			3	70	100	63	7	1	
S56C	20.5–30.3	5/12/2003	38	64	0.26J	64	0.81J	7.3	109.3
S56D	31–40.8	5/12/2003	30	56	0.22J	56	1	12	99
S57B	10–19.8	5/12/2003	460	510	1.1J	510	20	100	1,090
S57C	20.5–30.3	5/12/2003	30,000	34,000	86J	34,000	2,400	13,000	79,400
S57D	31.5–41.3	5/12/2003	17	440	1.7J	440	9.1J	720	1,177
S59B	10–19.8	4/9/2003	0.99J	0.73J	<1	0.73J	<1	0.58J	ND
S59C	20.5–30.3	4/9/2003	<1	10	<1	10	<1	8	18
S59D	31–40.8	4/8/2003	<1	<1	<1	ND	<1	<1	ND
S60B	10–19.8	4/9/2003	<1	4.8	<1	4.8	1	1.2	7
S60C	20.5–30.3	4/9/2003	<1	<1	<1	ND	<1	<1	ND
S60D	31–40.8	4/9/2003	<1	<1	<1	ND	<1	<1	ND
S67B	10–19.83	1/8/2003	<10	35	2.6J	35	<10	490	525
		4/9/2003	<10	47	4.5J	47	<10	450	497
		7/22/2003	<10	40	<10	40	<10	660	700
S67C	20–29.83	1/8/2003	<10	570	110	680	4.1J	300	980
		4/9/2003	<10	720	130	850	4.4J	260	1,110
		7/22/2003	<10	520	81	601	<10	200	801
S67D	30–39.83	1/8/2003	<2.5	130	27	157	1J	110	267
		4/9/2003	<2.5	160	35	195	1.4J	82	277
		7/22/2003	<2.5	210	27	237	1.7J	100	337
S68B	10–20	10/12/2002	<1	0.18J	<1	0.18J	<1	<1	ND
		1/14/2003	<1	<1	<1	ND	<1	<1	ND
		4/11/2003	<1	<1	<1	ND	<1	<1	ND
		7/22/2003	<1	<1	<1	ND	<1	<1	ND
		10/13/2003	<1	<1	<1	ND	<1	<1	ND
S68C	18–28	10/12/2002	<1	1.6	<1	1.6	<1	2.1	3.7
		1/14/2003	<1	4.8	<1	4.8	<1	4.4	9.2
		4/11/2003	<1	3	<1	3	<1	5.2	8.2
		7/22/2003	<1	2	<1	2	<1	1.7	3.7
		10/13/2003	<1	4.3	<1	4.3	<1	5.7	10
S68D	30–40	10/14/2002	<1	63	0.31J	63	<1	68	131
		1/14/2003	<1	40	<1	40	<1	30	70
		4/11/2003	<1	93	0.38J	93	<1	91	184
		7/22/2003	<1	78	<1	78	<1	63	141
		10/13/2003	<1	84	3.4	87.4	<1	77	164.4
S69B	10–20	10/14/2002	<1	0.28J	<1	0.28J	<1	<1	ND
		1/13/2003	<1	0.14J	<1	0.14J	<1	<1	ND
		4/10/2003	<1	0.18J	<1	0.18J	<1	<1	ND
		7/18/2003	<1	<1	<1	ND	<1	<1	ND
		10/10/2003	<1	<1	<1	ND	<1	<1	ND

Table 9 (continued). COPC Concentrations at the Building 100 Area
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE ^a	1,1-DCE	Vinyl chloride	Total COPC ^b
FDEP MCL			3	70	100	63	7	1	
S69C	20-30	10/14/2002	<1	0.3J	0.2J	0.5J	<1	0.4J	ND
		1/13/2003	<1	0.2J	<1	0.2J	<1	0.64J	ND
		4/10/2003	<1	0.11J	<1	0.11J	<1	0.26J	ND
		7/18/2003	<1	<1	<1	ND	<1	<1	ND
		10/10/2003	<1	<1	<1	ND	<1	<1	ND
S69D	30-40	10/14/2002	<1	0.65J	<1	0.65J	<1	<1	ND
		1/13/2003	<1	0.49J	<1	0.49J	<1	<1	ND
		4/10/2003	<1	0.41J	<1	0.41J	<1	<1	ND
		7/18/2003	<1	<1	<1	ND	<1	<1	ND
		10/10/2003	<1	<1	<1	ND	<1	<1	ND
S70B	10-20	10/15/2002	<1	32	0.68J	32	<1	31	63
		1/13/2003	<1	28	0.28J	28	<1	19	47
		4/10/2003	<1	29	0.24J	29	<1	31	60
		7/21/2003	<1	28	0.52J	28	<1	30	58
		10/10/2003	<1	29	<1	29	<1	24	53
S70C	20-30	10/15/2002	<1	25	11	36	0.96J	11	47
		1/13/2003	<1	29	9.5	38.5	0.66J	6.7	45.2
		4/10/2003	<1	29	8.8	37.8	0.52J	14	51.8
		7/21/2003	<1	28	8.5	36.5	0.52J	12	48.5
		10/10/2003	<1	29	8.1	37.1	<1	11	48.1
S70D	30-40	10/15/2002	<1	9.3	3.8	13.1	0.19J	1.9	15
		1/13/2003	<1	10	3.4	13.4	<1	1.7	15.1
		4/10/2003	<1	13	4	17	<1	3.2	20.2
		7/21/2003	<1	11	3.8	14.8	<1	1.8	16.6
		10/10/2003	<1	13	2.5	15.5	<1	0.26J	15.5
S71B	10-20	10/15/2002	<1	2.4	1.2	3.6	<1	0.29J	3.6
		1/13/2003	<1	7	2.8	9.8	<1	1.2	11
		4/9/2003	<1	3.7	1.1	4.8	<1	0.53J	4.8
		7/21/2003	<1	8.5	3.8	12.3	<1	1.6	13.9
		10/10/2003	<1	10	3	13	<1	0.33J	13
S71C	20-30	10/15/2002	<2.5	75	50	125	0.86J	65	190
		1/13/2003	<1	110	65	175	1.5	82	258.5
		4/9/2003	<1	100	53	153	1.1	94	248.1
		7/21/2003	<2.5	120	64	184	0.83J	140	324
		10/10/2003	<2.5	120	52	172	<2.5	160	332
S71D	30-40	10/15/2002	<1	3	0.59J	3	<1	0.71J	3
		1/13/2003	<1	2.3	0.23J	2.3	<1	0.35J	2.3
		4/9/2003	<1	4.1	0.64J	4.1	<1	0.74J	4.1
		7/21/2003	<1	3.2	0.44J	3.2	<1	<1	3.2
		10/10/2003	<1	3.4	<1	3.4	<1	<1	3.4

Table 9 (continued). COPC Concentrations at the Building 100 Area
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE ^a	1,1-DCE	Vinyl chloride	Total COPC ^b
FDEP MCL			3	70	100	63	7	1	
S72B	10–20	10/11/2002	<1	<1	<1	ND	<1	<1	ND
		1/11/2003	<1	<1	<1	ND	<1	<1	ND
		4/10/2003	<1	<1	<1	ND	<1	<1	ND
		7/22/2003	<1	<1	<1	ND	<1	<1	ND
		10/9/2003	<1	<1	<1	ND	<1	<1	ND
S72C	20–30	10/14/2002	<1	0.22J	<1	0.22J	<1	<1	ND
		1/11/2003	<1	46	0.48J	46	2.7	5.6	54.3
		4/10/2003	<1	0.2J	<1	0.2J	<1	<1	ND
		7/21/2003	<1	<1	<1	ND	<1	<1	ND
		10/9/2003	<1	<1	<1	ND	<1	<1	ND
S72D	30–40	10/14/2002	<1	<1	<1	ND	<1	<1	ND
		1/11/2003	<1	1.9	<1	1.9	<1	1.7	3.6
		4/10/2003	<1	<1	<1	ND	<1	<1	ND
		7/21/2003	<1	<1	<1	ND	<1	<1	ND
		10/9/2003	<1	<1	<1	ND	<1	<1	ND
S73B	10–20	10/14/2002	<1	<1	<1	ND	<1	<1	ND
		1/10/2003	<1	<1	<1	ND	<1	<1	ND
		4/9/2003	<1	<1	<1	ND	<1	<1	ND
		7/22/2003	<1	<1	<1	ND	<1	<1	ND
		10/9/2003	<1	<1	<1	ND	<1	<1	ND
S73C	20–30	10/14/2002	<1	37	18	55	0.63J	33	88
		1/9/2003	<1	61	32	93	0.69J	35	128
		4/8/2003	<1	24	11	35	<1	15	50
		4/9/2003	<1	32	14	46	0.23J	25	71
		7/22/2003	<1	28	14	42	<1	18	60
		10/7/2003	<1	26	11	37	<1	9	46
S73D	30–40	10/14/2002	<1	1.1	0.42J	1.1	<1	0.32J	1.1
		1/10/2003	<1	<1	<1	ND	<1	<1	ND
		4/9/2003	<1	1.1	0.18J	1.1	<1	0.33J	1.1
		7/22/2003	<1	0.94J	<1	0.94J	<1	<1	ND
		10/7/2003	<1	<1	<1	ND	<1	<1	ND
TE03	–	4/12/2003	<1	<1	<1	ND	<1	5.2	5.2
PIN21			Perimeter Monitoring Wells						
0500	7–17	4/9/2003	<1	<1	<1	ND	<1	<1	ND
0501	20–28	4/9/2003	<1	1.3	<1	1.3	<1	<1	1.3
0502	7–17	10/12/2002	<1	<1	<1	ND	<1	<1	ND
		1/10/2003	<1	<1	<1	ND	<1	<1	ND
		4/11/2003	<1	<1	<1	ND	<1	<1	ND
		7/18/2003	<1	<1	<1	ND	<1	<1	ND
		10/9/2003	<1	<1	<1	ND	<1	<1	ND

Table 9 (continued). COPC Concentrations at the Building 100 Area
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	Total 1,2-DCE ^a	1,1-DCE	Vinyl chloride	Total COPC ^b
FDEP MCL			3	70	100	63	7	1	
0503	20-28	10/12/2002	<1	<1	<1	ND	<1	<1	ND
		1/10/2003	<1	<1	<1	ND	<1	<1	ND
		4/11/2003	<1	<1	<1	ND	<1	<1	ND
		7/18/2003	<1	<1	<1	ND	<1	<1	ND
		10/9/2003	5.2	8.7	<1	8.7	<1	<1	13.9
0504	7-17	10/16/2002	<1	<1	<1	ND	<1	<1	ND
		1/14/2003	<1	<1	<1	ND	<1	<1	ND
		4/11/2003	<1	<1	<1	ND	<1	<1	ND
		7/18/2003	<1	<1	<1	ND	<1	<1	ND
		10/13/2003	<1	<1	<1	ND	<1	<1	ND
0505	20-28	10/16/2002	<1	<1	<1	ND	<1	<1	ND
		1/14/2003	<1	<1	<1	ND	<1	<1	ND
		4/11/2003	<1	<1	<1	ND	<1	<1	ND
		7/18/2003	<1	<1	<1	ND	<1	<1	ND
		10/13/2003	<1	<1	<1	ND	<1	<1	ND
0512	20-29.5	10/15/2002	4	6.1	0.2J	6.1	<1	2.7	12.8
		1/11/2003	<1	0.76J	<1	0.76J	<1	<1	ND
		4/11/2003	<1	0.82J	<1	0.82J	<1	1.9	1.9
		7/17/2003	<1	0.43J	<1	0.43J	<1	<1	ND
		10/9/2003	<1	<1	<1	ND	<1	1.3	1.3

^aTotal 1,2-DCE is the sum of cis-1,2-DCE and trans-1,2-DCE.

^bTotal COPC is the sum of the individual COPC concentrations. The cis-1,2-DCE and trans-1,2-DCE values are not part of the total COPC value because these values are included in the total 1,2-DCE value. "J" values are not included in the total COPC value.

ND = Not detected

J = Estimated value, result is between the reporting limit and the method detection limit.

B = Analyte also found in method blank.

Table 10. COPC Concentrations at the Wastewater Neutralization Area
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	Vinyl chloride	Arsenic	Total COPC ^a
FDEP MCL			1	50	
PIN18			Wastewater Neutralization Area		
0500	11-16	10/15/2002	--	110	110
		1/13/2003	--	110	110
		4/14/2003	<1	110	110
		7/17/2003	--	85	85
		10/14/2003	--	93	93
0501	11-16	10/10/2002	--	450	450
		1/13/2003	--	380	380
		4/14/2003	<1	300	300
0502	11-16	10/10/2002	--	66	66
		1/13/2003	--	58	58
		4/14/2003	<1	53	53
		7/17/2003	--	58	58
		10/14/2003	--	84	84
0503	10-20	10/11/2002	--	<10	ND
		4/12/2003	<1	4.2J	ND
		10/11/2003	--	<10	ND
0504	13-22	10/12/2002	--	4.6J	ND
		10/14/2002	--	<10	ND
		4/14/2003	<1	5J	ND
		10/14/2003	--	<10	ND
0505	10.5-20.5	10/15/2002	--	<10	ND
		4/12/2003	<1	6.8J	ND
		10/11/2003	--	<10	ND
0506	12-22	10/12/2002	--	<10	ND
		4/12/2003	<1	3.9J	ND
		10/11/2003	--	<10	ND
0507	27-37	10/11/2002	--	<10	ND
		4/12/2003	<1	5.5J	ND
		10/11/2003	--	<10	ND
0508	31-41	10/10/2002	--	<10	ND
		4/14/2003	<1	5J	ND
		10/14/2003	--	<10	ND
0509	27.5-37.5	10/12/2002	--	<10	ND
		4/12/2003	<1	5.5J	ND
		10/11/2003	--	<10	ND
0510	27.5-37.5	10/12/2002	--	3.8J	ND
		4/12/2003	<1	5.1J	ND
		10/11/2003	--	<10	ND

Table 10 (continued). COPC Concentrations at the Wastewater Neutralization Area
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	Vinyl chloride	Arsenic	Total COPC ^a
FDEP MCL			1	50	
0511	32-42	4/12/2003	<1	5.7J	ND
0512	21-31	4/12/2003	<1	3.6J	ND
0513	12-22	4/12/2003	<1	4J	ND
0514	32.5-42.5	4/12/2003	<1	4.6J	ND
0515	22.5-32.5	4/12/2003	<1	<10	ND
0516	12.5-22	4/12/2003	<1	3.3J	ND
0517	31.5-41.5	4/12/2003	<1	4.6J	ND
0518	22.5-32.5	4/12/2003	<1	<10	ND
0519	12.5-22.5	4/12/2003	1	3.4J	1
0520	32.5-42.5	4/14/2003	<1	<10	ND
0521	20-30	10/10/2002	--	<10	ND
		1/13/2003	--	14	14
		4/14/2003	<1	3.9J	ND
		7/17/2003	--	<10	ND
		10/14/2003	--	6.4J	ND
0522	5-15	10/10/2002	--	23	23
		1/13/2003	--	16	16
		4/14/2003	<1	38	38
		7/17/2003	--	33	33
		10/14/2003	--	13	13
0523	32.5-42.5	10/10/2002	--	<10	ND
		1/13/2003	--	<10	ND
		4/14/2003	5.6	<10	5.6
		7/16/2003	--	<10	ND
		10/14/2003	--	<10	ND
0524	20-30	10/10/2002	--	22	22
		1/13/2003	--	130	130
		4/14/2003	<1	25	25
		7/16/2003	--	22	22
		10/14/2003	--	26	26
0525	5-15	10/10/2002	--	75	75
		1/13/2003	--	65	65
		4/14/2003	<1	120	120
		7/16/2003	--	130	130
		10/14/2003	--	66	66
0526	19.5-29	4/12/2003	<1	7.7J	ND
RW02	10-20	1/13/2003	<1	82	82
		4/7/2003	<1	81	81
		7/22/2003	<1	150	150
		10/2/2003	<1	130	130

Table 10 (continued). COPC Concentrations at the Wastewater Neutralization Area
(reported in micrograms per liter)

Location	Screen Depth (ft)	Date Sampled	Vinyl chloride	Arsenic	Total COPC ^a
FDEP MCL			1	50	
RW03	9-24	1/13/2003	<1	61	61
		4/7/2003	<1	71	71
		7/22/2003	<1	41	41
		10/2/2003	<1	32	32
RW0501	11-16	7/22/2003	<1	160	160
		10/2/2003	<1	140	140

^aTotal COPC is the sum of the individual COPC concentrations. "J" values are not included in the total COPC value.

ND = Not detected

-- = Not measured

J = Estimated value, result is between the reporting limit and the method detection limit.

Table 11. Relative Percent Difference (RPD) for Duplicate Samples

Sample ID	Duplicate ID	Case Number	Constituent	S ^a	D ^b	RPD Value	5 times DL ^c	Fail ^d
PIN12-S68D	PIN12-0580	B353962	1,1-Dichloroethane	2	2	0.0	5	
			Benzene	0.97	1	3.0	5	
			Chloroethane	21	21	0.0	5	
			cis-1,2-Dichloroethene	84	76	10.0	5	
			trans-1,2-Dichloroethene	3.4	3	12.5	5	
			Vinyl chloride	77	78	1.3	5	
PIN12-S73B	PIN12-0581	B353923	Arsenic	0.005	0.0033	41.0	0.05	
			Dichlorodifluoromethane	2.9	0.5	141.2	5	
			Toluene	0.23	0.76	107.1	5	
PIN15-0560	PIN15-0580	B354025	Non-Detect					
PIN15-M27D	PIN15-0581	B353980	Benzene	4.8	4.9	2.1	5	
PIN15-M31D	PIN15-0582	B354026	Arsenic	0.0054	0.0062	13.8	0.05	
			Benzene	8.4	8.5	1.2	5	
			Vinyl chloride	12	12	0.0	5	
PIN18-0514	PIN18-0650	B353963	Chromium	0.011	0.012	8.7	0.05	

^aS = Original sample (N001), VOC concentrations in µg/L and metals in mg/L.

^bD = Duplicate sample (N002), VOC concentrations in µg/L and metals in mg/L.

^cDL = Detected limit.

^dFail is an RPD greater than plus or minus 30% and original or duplicate result more than 5 times the detection limit.

Table 12. Summary of Analytical Results for Ground Water Samples Collected at the Northeast Site Treatment System
(reported in micrograms per liter unless otherwise noted)

Location ^a	Date Sampled	TCE	cis-1,2-DCE	Total 1,2-DCE ^b	Vinyl chloride	Methylene chloride	Benzene	Toluene	Total COPC ^c	CaCO ₃ mg/L	Fe mg/L
PIN15		Northeast Site									
INF1	10/2/2003	1,400	4,000	4,000	580	5,200	<100	340	11,520	480	4.4
	10/21/2003	1,500	3,600	3,600	860	3,600	<100	120	9,680	480	6.2
	11/5/2003	910	2,100	2,100	770	1,600	<50	580	5,960	480	7
	11/19/2003	1,700	3,200	3,200	820	4,100	<50	350	10,170	450	6
	12/3/2003	2,100	3,400	3,400	890	5,100	<50	470	11,960	450	4.5
	12/18/2003	1,050	2,890	2,890	366	4,010	12.5	256	8,584.5	393	8.87
EFF1	10/2/2003	<1	<1	ND	<1	1.2J	<1	<1	ND	470	3.7
	10/21/2003	<1	<1	ND	<1	<5	<1	<1	ND	480	3.6
	11/5/2003	<1	<1	ND	<1	<5	<1	<1	ND	480	5.1
	11/19/2003	<1	<1	ND	<1	<5	<1	<1	ND	430	4.7
	12/3/2003	<1	<1	ND	<1	<5	<1	0.35J	ND	450	3.8
	12/18/2003	<1	<1	ND	<1	<2	<1	<1	ND	482	8.47

^aINF1 is the system influent and EFF1 is the system effluent.

^bTotal 1,2-DCE is the sum of cis-1,2-DCE and trans-1,2-DCE.

^cTotal COPC is the sum of the individual COPC concentrations. The cis-1,2-DCE value is not part of the total COPC value because this value is included in the total 1,2-DCE value. "J" values are not included in the total COPC value.

J = Estimated value, result is between the reporting limit and the method detection limit.

ND = Not detected.

Table 13. Historical Summary of Ground Water Recovery at the Northeast Site and Building 100

Report Date	Quarterly (gallons)	Total To Date (gallons)
April–June 1997	356,886	356,886
July–September 1997	1,899,871	2,256,757
October–December 1997	2,265,460	4,522,217
January–March 1998	2,358,081	6,880,298
April–June 1998	1,693,697	8,573,995
July–September 1998	0	8,573,995
October–December 1998	0	8,573,995
January–March 1999	848,912	9,422,907
April–June 1999	1,985,705	11,408,612
July–September 1999	2,158,568	13,567,180
October–December 1999	2,285,471	15,852,651
January–March 2000	1,670,059	17,522,710
April–June 2000	2,031,821	19,554,531
July–September 2000	2,728,441	22,282,972
October–December 2000	2,416,705	24,699,677
January–March 2001	2,977,868	27,677,545
April–June 2001	2,452,063	30,129,608
July–September 2001	2,262,233	32,391,841
October–December 2001	2,374,065	34,765,906
January–March 2002	2,449,505	37,215,411
April–June 2002	2,119,164	39,334,575
July–September 2002	2,211,860	41,546,435
October–December 2002	1,830,987	43,377,422
January–March 2003	2,183,650	45,561,072
April–June 2003	2,216,297	47,777,369
July–September 2003	2,518,733	50,296,102
October–December 2003	1,908,278	52,204,380

Table 14. Estimated Mass of VOCs Recovered from the Northeast Site and Building 100 Recovery Wells During October, November, and December 2003

Month	Volume Treated (gallons)	Concentration ^a						
		cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Toluene (µg/L)	TCE (µg/L)	Methylene Chloride (µg/L)	Vinyl Chloride (µg/L)	Total VOCs (µg/L)
October 2003	801,906	3,800	50	230	1,450	4,400	720	10,650
November 2003	700,842	2,650	25	465	1,305	2,850	795	8,090
December 2003	405,520	3,145	13	363	1,575	4,555	628	10,279

Month	Volume Treated (gallons)	Recovery ^b						
		cis-1,2-DCE (lbs)	trans-1,2-DCE (lbs)	Toluene (lbs)	TCE (lbs)	Methylene Chloride (lbs)	Vinyl Chloride (lbs)	Total VOCs (lbs)
October 2003	801,906	25.4	0.3	1.5	9.7	29.5	4.8	71.3
November 2003	700,842	15.5	0.2	2.7	7.6	16.7	4.7	47.3
December 2003	405,520	10.6	0.0	1.2	5.3	15.4	2.1	34.8

^aThese concentrations represent the average of weekly sampling results.

^bIncludes "J" (estimated) values. For any detection of "<", which indicates the laboratory could not detect that analyte, 50 percent of the "<" value was used for the calculation of recovery.

End of current text

Appendix A

Laboratory Reports—October 2003 Quarterly Results

Case Narrative: STL Project B353783

Date: October 10, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

Laboratory: STL Tampa

RECEIVED

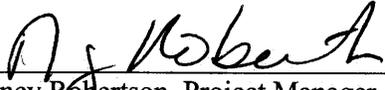
OCT 17 2003

Analysis Requested: 8021, Arsenic

Six liquid samples were received on October 2, 2003 and logged in as STL Project B353783. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B353783-1	PIN18-RW02-N001	10.02.03
B353783-2	PIN18-RW03-N001	10.02.03
B353783-3	PIN18-RW0501-N001	10.02.03
B353783-4	PIN18-EFF1-N001	10.02.03
B353783-5	PIN18-EFF2-N001	10.02.03
B353783-6	PIN18-EFF8-N001 <i>tip blank</i>	10.02.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B353783
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/10/2003
Sampled By: Client
Sample Received Date: 10/02/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353783
Date Received: 10/02/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN18-RW02-N001	B353783*1	Liquid	10/02/2003 10:09
PIN18-RW03-N001	B353783*2	Liquid	10/02/2003 10:06
PIN18-RW0501-N001	B353783*3	Liquid	10/02/2003 10:12
PIN18-EFF1-N001	B353783*4	Liquid	10/02/2003 09:56
PIN18-EFF2-N001	B353783*5	Liquid	10/02/2003 10:01
PIN18-EFF8-N001	B353783*6	Liquid	10/02/2003

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53783-1	PIN18-RW02-N001	Liquid	10/02/03	10/02/03 10:09	
53783-2	PIN18-RW03-N001	Liquid	10/02/03	10/02/03 10:06	
53783-3	PIN18-RW0501-N001	Liquid	10/02/03	10/02/03 10:12	

Parameter	Units	Lab Sample IDs		
		53783-1	53783-2	53783-3
Arsenic (6010)				
Arsenic	mg/l	0.13	0.032	0.14

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53783-4	PIN18-EFF1-N001	Liquid	10/02/03	10/02/03 09:56	
53783-5	PIN18-EFF2-N001	Liquid	10/02/03	10/02/03 10:01	
Parameter	Units	Lab Sample IDs			
		53783-4	53783-5		
Arsenic (6010)					
Arsenic	mg/l	0.054			

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353783
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/10/2003
Sampled By: Client
Sample Received Date: 10/02/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353783
Date Received: 10/02/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN18-RW02-N001	B353783*1	Liquid	10/02/2003 10:09
PIN18-RW03-N001	B353783*2	Liquid	10/02/2003 10:06
PIN18-RW0501-N001	B353783*3	Liquid	10/02/2003 10:12
PIN18-EFF1-N001	B353783*4	Liquid	10/02/2003 09:56
PIN18-EFF2-N001	B353783*5	Liquid	10/02/2003 10:01
PIN18-EFF8-N001	B353783*6	Liquid	10/02/2003

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53783-1	PIN18-RW02-N001	Liquid	10/02/03	10/02/03 10:09	
53783-2	PIN18-RW03-N001	Liquid	10/02/03	10/02/03 10:06	
53783-3	PIN18-RW0501-N001	Liquid	10/02/03	10/02/03 10:12	

Parameter	Units	Lab Sample IDs		
		53783-1	53783-2	53783-3

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U
Chloroethane	ug/l	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U
Methylene chloride				
(Dichloromethane)	ug/l	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U
Toluene	ug/l	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U
Vinyl chloride	ug/l	1.0U	1.0U	1.0U
o-Xylene	ug/l	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53783-1	PIN18-RW02-N001	Liquid	10/02/03	10/02/03 10:09	
53783-2	PIN18-RW03-N001	Liquid	10/02/03	10/02/03 10:06	
53783-3	PIN18-RW0501-N001	Liquid	10/02/03	10/02/03 10:12	

Parameter	Units	Lab Sample IDs		
		53783-1	53783-2	53783-3

Halogenated and Aromatic Volatiles (8021)

m,p-Xylene	ug/l	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U
Total Volatile Organic				
Aromatics	ug/l	1.0U	1.0U	1.0U
Dilution Factor		1	1	1
Analysis Date		10/07/03	10/07/03	10/07/03
Analysis Time		19:49	20:25	21:01
Batch ID		1007E	1007E	1007E
Quantitation Factor		1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.13	0.032	0.14
Dilution Factor		1	1	1
Prep Date		10/02/03	10/02/03	10/02/03
Prep Time		16:41	16:41	16:41
Analysis Date		10/07/03	10/07/03	10/07/03
Analysis Time		10:08	10:23	10:28
Batch ID		1002K	1002K	1002K
Quantitation Factor		1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53783-4	PIN18-EFF1-N001	Liquid	10/02/03	10/02/03 09:56	
53783-5	PIN18-EFF2-N001	Liquid	10/02/03	10/02/03 10:01	

Parameter	Units	Lab Sample IDs	
		53783-4	53783-5

Arsenic (6010)

Arsenic	mg/l	0.054	0.010U
Dilution Factor		1	1
Prep Date		10/02/03	10/02/03
Prep Time		16:41	16:41
Analysis Date		10/07/03	10/07/03
Analysis Time		10:33	10:47
Batch ID		1002K	1002K
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53783-6	PIN18-EFF8-N001	Liquid	10/02/03	10/02/03	

Parameter	Units	Lab Sample IDs
		53783-6

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U
Bromodichloromethane	ug/l	1.0U
Bromoform	ug/l	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U
Carbon tetrachloride	ug/l	1.0U
Chlorobenzene	ug/l	1.0U
Chloroethane	ug/l	1.0U
Chloroform	ug/l	1.0U
Chloromethane	ug/l	1.0U
Dibromochloromethane	ug/l	1.0U
1,2-Dichlorobenzene	ug/l	1.0U
1,3-Dichlorobenzene	ug/l	1.0U
1,4-Dichlorobenzene	ug/l	1.0U
Dichlorodifluoromethane	ug/l	1.0U
1,1-Dichloroethane	ug/l	1.0U
1,2-Dichloroethane	ug/l	1.0U
1,1-Dichloroethene	ug/l	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U
1,2-Dichloropropane	ug/l	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U
Ethylbenzene	ug/l	1.0U
Methylene chloride (Dichloromethane)	ug/l	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U
Tetrachloroethene	ug/l	1.0U
Toluene	ug/l	1.0U
1,1,1-Trichloroethane	ug/l	1.0U
1,1,2-Trichloroethane	ug/l	1.0U
Trichloroethene	ug/l	1.0U
Trichlorofluoromethane	ug/l	1.0U
Vinyl chloride	ug/l	1.0U
o-Xylene	ug/l	1.0U
m&p-Xylene	ug/l	1.0U
2-Chloroethylvinyl ether	ug/l	10U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53783-6	PIN18-EFF8-N001	Liquid	10/02/03	10/02/03	

Parameter	Units	Lab Sample IDs
		53783-6

Halogenated and Aromatic Volatiles (8021)

Methyl Tert Butyl Ether (MTBE)	ug/l	10U
Total Volatile Organic		
Aromatics	ug/l	1.0U
Dilution Factor		1
Analysis Date		10/07/03
Analysis Time		18:36
Batch ID		1007E
Quantitation Factor		1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53783-7	Method Blank	Liquid	10/02/03		
53783-8	LCS % Recovery	Liquid	10/02/03		
53783-9	LCSD % Recovery	Liquid	10/02/03		
53783-10	PIN18-EFF1-N001-MS % Recovery	Liquid	10/02/03	10/02/03	
53783-11	PIN18-EFF1-N001-MSD % Recovery	Liquid	10/02/03	10/02/03	

Parameter	Units	Lab Sample IDs				
		53783-7	53783-8	53783-9	53783-10	53783-11

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	93 %	84 %	99 %	100 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	87 %	81 %	89 %	95 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	100 %	88 %	95 %	98 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	92 %	82 %	97 %	99 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	100 %	86 %	97 %	94 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53783-7	Method Blank	Liquid	10/02/03		
53783-8	LCS % Recovery	Liquid	10/02/03		
53783-9	LCSD % Recovery	Liquid	10/02/03		
53783-10	PIN18-EFF1-N001-MS % Recovery	Liquid	10/02/03	10/02/03	
53783-11	PIN18-EFF1-N001-MSD % Recovery	Liquid	10/02/03	10/02/03	

Parameter	Units	Lab Sample IDs				
		53783-7	53783-8	53783-9	53783-10	53783-11

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.00				
o-Xylene	ug/l	1.00				
m&p-Xylene	ug/l	1.00				
2-Chloroethylvinyl ether	ug/l	100				
Methyl Tert Butyl Ether (MTBE)	ug/l	100				
Total Volatile Organic						
Aromatics	ug/l	1.00				
Dilution Factor		1	1	1	1	1
Analysis Date		10/07/03	10/07/03	10/07/03	10/08/03	10/08/03
Analysis Time		14:23	12:34	13:10	03:40	04:16
Batch ID		1007E	1007E	1007E	1007E	1007E
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53783-12	Method BBlank	Liquid	10/02/03		
53783-13	LCS % Recovery	Liquid	10/02/03		
53783-14	LCSD % Recovery	Liquid	10/02/03		
53783-15	PIN18-RW02-N001-MS % Recovery	Liquid	10/02/03	10/02/03	
53783-16	PIN18-RW02-N001-MSD % Recovery	Liquid	10/02/03	10/02/03	

Parameter	Units	Lab Sample IDs				
		53783-12	53783-13	53783-14	53783-15	53783-16

Arsenic (6010)

Parameter	Units	53783-12	53783-13	53783-14	53783-15	53783-16
Arsenic	mg/l	0.010U	99 %	96 %	96 %	98 %
Dilution Factor		1	1	1	1	1
Prep Date		10/02/03	10/02/03	10/02/03	10/02/03	10/02/03
Prep Time		16:41	16:41	16:41	16:41	16:41
Analysis Date		10/07/03	10/07/03	10/07/03	10/07/03	10/07/03
Analysis Time		09:49	09:54	09:59	10:13	10:18
Batch ID		1002K	1002K	1002K	1002K	1002K
Quantitation Factor		1.000				

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

**SEVERN
TRENT**

STL

35-3783 -

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1							
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)	HC1	H203	VOC-8021	Arsenic	PRESERVATIVE													STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	DATE DUE _____
CLIENT (SITE) PM Berry Rice	CLIENT PHONE 727.545.6036	CLIENT FAX 545.1121																			EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	DATE DUE _____
CLIENT NAME S.M. Stoller	CLIENT E-MAIL																				NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1	
CLIENT ADDRESS 7887 Bryan Dairy Rd, Suite 260, Largo, FL		COMPANY CONTRACTING THIS WORK (if applicable)																				

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS			
DATE	TIME							1	2	3	4	5	6	7	8	9	10		11	12	
10-02-03	1009	PIN18-RW02-N001	G	✓				3	1												
	1006	PIN18-RW03-N001	G	✓				3	1												
	1012	PIN18-RW0501-N001	G	✓				3	1												
	0956	PIN18-EFF1-N001	G	✓					1												
	1001	PIN18-EFF2-N001	G	✓					1												
10-02-03	—	PIN18-EFF8-N001	G	✓				3													

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 9-30-03	TIME 1430	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-02-03	TIME 1045	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-01-03	TIME 1100	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-2-03	TIME 1045	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-2-03	TIME 1328	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. als	STL TAMPA LOG NO. B353783	LABORATORY REMARKS
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Case Narrative: STL Project B353784

Date: October 10, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

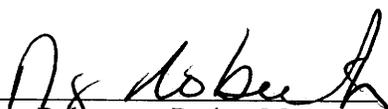
Laboratory: STL Tampa

Analysis Requested: 8021, Iron, Hardness

Four liquid samples were received on October 2, 2003 and logged in as STL Project B353784. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B353784-1	PIN15-INF1-N001	10.02.03
B353784-2	PIN15-EFF1-N001	10.02.03
B353784-3	PIN12-RW01-N001	10.02.03
B353784-4	PIN12-RW02-N001	10.02.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353784
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/10/2003
Sampled By: Client
Sample Received Date: 10/02/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353784
Date Received: 10/02/2003

Client: S.M. Stoller Corporation
Project: PineLLas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-INF1-N001	B353784*1	Liquid	10/02/2003 10:35
PIN15-EFF1-N001	B353784*2	Liquid	10/02/2003 10:40
PIN12-RW01-N001	B353784*3	Liquid	10/02/2003 10:17
PIN12-RW02-N001	B353784*4	Liquid	10/02/2003 10:19

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53784-1	PIN15-INF1-N001	Liquid	10/02/03	10/02/03 10:35	
53784-2	PIN15-EFF1-N001	Liquid	10/02/03	10/02/03 10:40	

Parameter	Units	Lab Sample IDs	
		53784-1	53784-2

Halogenated and Aromatic Volatiles (8021)			
cis-1,2-Dichloroethene	ug/l	4000	
Methylene chloride (Dichloromethane)	ug/l	5200	1.2J
Toluene	ug/l	340	
Trichloroethene	ug/l	1400	
Vinyl chloride	ug/l	580	
Total Volatile Organic Aromatics	ug/l	340	
Bromodichloromethane	ug/l		0.60J
Chloroform	ug/l		13
Iron (6010)			
Iron	mg/l	4.4	3.7
Hardness as CaCO3 (2340B)			
Hardness as CaCO3	mg/l	480	470

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53784-3	PIN12-RW01-N001	Liquid	10/02/03	10/02/03 10:17	
53784-4	PIN12-RW02-N001	Liquid	10/02/03	10/02/03 10:19	

Parameter	Units	Lab Sample IDs	
		53784-3	53784-4

Halogenated and Aromatic Volatiles (8021)			
cis-1,2-Dichloroethene	ug/l	4200	840
Methylene chloride (Dichloromethane)	ug/l	190J	30J
Trichloroethene	ug/l	6800	530
Vinyl chloride	ug/l	650	75
trans-1,2-Dichloroethene	ug/l		76

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353784
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/10/2003
Sampled By: Client
Sample Received Date: 10/02/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353784
Date Received: 10/02/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-INF1-N001	B353784*1	Liquid	10/02/2003 10:35
PIN15-EFF1-N001	B353784*2	Liquid	10/02/2003 10:40
PIN12-RW01-N001	B353784*3	Liquid	10/02/2003 10:17
PIN12-RW02-N001	B353784*4	Liquid	10/02/2003 10:19

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53784-1	PIN15-INF1-N001	Liquid	10/02/03	10/02/03 10:35	
53784-2	PIN15-EFF1-N001	Liquid	10/02/03	10/02/03 10:40	

Parameter	Units	Lab Sample IDs	
		53784-1	53784-2

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	100U	1.0U
Bromodichloromethane	ug/l	100U	0.60J
Bromoform	ug/l	500U	5.0U
Bromomethane (Methyl bromide)	ug/l	100U	1.0U
Carbon tetrachloride	ug/l	100U	1.0U
Chlorobenzene	ug/l	100U	1.0U
Chloroethane	ug/l	100U	1.0U
Chloroform	ug/l	100U	13
Chloromethane	ug/l	100U	1.0U
Dibromochloromethane	ug/l	100U	1.0U
1,2-Dichlorobenzene	ug/l	100U	1.0U
1,3-Dichlorobenzene	ug/l	100U	1.0U
1,4-Dichlorobenzene	ug/l	100U	1.0U
Dichlorodifluoromethane	ug/l	100U	1.0U
1,1-Dichloroethane	ug/l	100U	1.0U
1,2-Dichloroethane	ug/l	100U	1.0U
1,1-Dichloroethene	ug/l	100U	1.0U
cis-1,2-Dichloroethene	ug/l	4000	1.0U
trans-1,2-Dichloroethene	ug/l	100U	1.0U
1,2-Dichloropropane	ug/l	100U	1.0U
cis-1,3-Dichloropropene	ug/l	100U	1.0U
trans-1,3-Dichloropropene	ug/l	100U	1.0U
Ethylbenzene	ug/l	100U	1.0U
Methylene chloride (Dichloromethane)	ug/l	5200	1.2J
1,1,2,2-Tetrachloroethane	ug/l	100U	1.0U
Tetrachloroethene	ug/l	100U	1.0U
Toluene	ug/l	340	1.0U
1,1,1-Trichloroethane	ug/l	100U	1.0U
1,1,2-Trichloroethane	ug/l	100U	1.0U
Trichloroethene	ug/l	1400	1.0U
Trichlorofluoromethane	ug/l	100U	1.0U
Vinyl chloride	ug/l	580	1.0U
o-Xylene	ug/l	100U	1.0U
m&p-Xylene	ug/l	100U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53784-1	PIN15-INF1-N001	Liquid	10/02/03	10/02/03 10:35	
53784-2	PIN15-EFF1-N001	Liquid	10/02/03	10/02/03 10:40	

Parameter	Units	Lab Sample IDs	
		53784-1	53784-2

Halogenated and Aromatic Volatiles (8021)

2-Chloroethylvinyl ether	ug/l	1000U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	1000U	10U
Total Volatile Organic			
Aromatics	ug/l	340	1.0U
Dilution Factor		100	1
Analysis Date		10/07/03	10/03/03
Analysis Time		16:47	16:47
Batch ID		1003E	1003E
Quantitation Factor		1.000	1.000

Iron (6010)

Iron	mg/l	4.4	3.7
Dilution Factor		1	1
Prep Date		10/02/03	10/02/03
Prep Time		16:41	16:41
Analysis Date		10/07/03	10/07/03
Analysis Time		10:52	10:57
Batch ID		1002K	1002K
Quantitation Factor		1.000	1.000

Hardness as CaCO3 (2340B)

Hardness as CaCO3	mg/l	480	470
Dilution Factor		1	1
Prep Date		10/02/03	10/02/03
Prep Time		16:41	16:41
Analysis Date		10/07/03	10/07/03
Analysis Time		10:52	10:57
Batch ID		1002K	1002K
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53784-3	PIN12-RW01-N001	Liquid	10/02/03	10/02/03 10:17	
53784-4	PIN12-RW02-N001	Liquid	10/02/03	10/02/03 10:19	

Parameter	Units	Lab Sample IDs	
		53784-3	53784-4

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	100U	25U
Bromodichloromethane	ug/l	100U	25U
Bromoform	ug/l	500U	120U
Bromomethane (Methyl bromide)	ug/l	100U	25U
Carbon tetrachloride	ug/l	100U	25U
Chlorobenzene	ug/l	100U	25U
Chloroethane	ug/l	100U	25U
Chloroform	ug/l	100U	25U
Chloromethane	ug/l	100U	25U
Dibromochloromethane	ug/l	100U	25U
1,2-Dichlorobenzene	ug/l	100U	25U
1,3-Dichlorobenzene	ug/l	100U	25U
1,4-Dichlorobenzene	ug/l	100U	25U
Dichlorodifluoromethane	ug/l	100U	25U
1,1-Dichloroethane	ug/l	100U	25U
1,2-Dichloroethane	ug/l	100U	25U
1,1-Dichloroethene	ug/l	100U	25U
cis-1,2-Dichloroethene	ug/l	4200	840
trans-1,2-Dichloroethene	ug/l	100U	76
1,2-Dichloropropane	ug/l	100U	25U
cis-1,3-Dichloropropene	ug/l	100U	25U
trans-1,3-Dichloropropene	ug/l	100U	25U
Ethylbenzene	ug/l	100U	25U
Methylene chloride (Dichloromethane)	ug/l	190J	30J
1,1,2,2-Tetrachloroethane	ug/l	100U	25U
Tetrachloroethene	ug/l	100U	25U
Toluene	ug/l	100U	25U
1,1,1-Trichloroethane	ug/l	100U	25U
1,1,2-Trichloroethane	ug/l	100U	25U
Trichloroethene	ug/l	6800	530
Trichlorofluoromethane	ug/l	100U	25U
Vinyl chloride	ug/l	650	75
o-Xylene	ug/l	100U	25U
m&p-Xylene	ug/l	100U	25U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53784-3	PIN12-RW01-N001	Liquid	10/02/03	10/02/03 10:17	
53784-4	PIN12-RW02-N001	Liquid	10/02/03	10/02/03 10:19	

Parameter	Units	Lab Sample IDs	
		53784-3	53784-4

Halogenated and Aromatic Volatiles (8021)

2-Chloroethylvinyl ether	ug/l	1000U	250U
Methyl Tert Butyl Ether (MTBE)	ug/l	1000U	250U
Total Volatile Organic			
Aromatics	ug/l	100U	25U
Dilution Factor		100	25
Analysis Date		10/03/03	10/03/03
Analysis Time		17:59	18:36
Batch ID		1003E	1003E
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53784-5	Method Blank	Liquid	10/02/03		
53784-6	LCS % Recovery	Liquid	10/02/03		
53784-7	LCSD % Recovery	Liquid	10/02/03		
53784-8	BATCH-MS % Recovery	Liquid	10/02/03		
53784-9	BATCH-MSD % Recovery	Liquid	10/02/03		

Parameter	Units	Lab Sample IDs				
		53784-5	53784-6	53784-7	53784-8	53784-9

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	87 %	96 %	81 %	88 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	93 %	90 %	74 %	82 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	96 %	82 %	79 %	86 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	81 %	91 %	74 %	81 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	93 %	93 %	82 %	82 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53784-5	Method Blank	Liquid	10/02/03		
53784-6	LCS % Recovery	Liquid	10/02/03		
53784-7	LCS % Recovery	Liquid	10/02/03		
53784-8	BATCH-MS % Recovery	Liquid	10/02/03		
53784-9	BATCH-MSD % Recovery	Liquid	10/02/03		

Parameter	Units	Lab Sample IDs				
		53784-5	53784-6	53784-7	53784-8	53784-9

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U				
o-Xylene	ug/l	1.0U				
m&p-Xylene	ug/l	1.0U				
2-Chloroethylvinyl ether	ug/l	1.0U				
Methyl Tert Butyl Ether (MTBE)	ug/l	1.0U				
Total Volatile Organic						
Aromatics	ug/l	1.0U				
Dilution Factor		1	1	1	1	1
Analysis Date		10/03/03	10/03/03	10/03/03	10/03/03	10/03/03
Analysis Time		13:44	11:18	11:55	19:48	20:24
Batch ID		1003E	1003E	1003E	1003E	1003E
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53784-10	Method Blank	Liquid	10/02/03		
53784-11	LCS % Recovery	Liquid	10/02/03		
53784-12	LCSD % Recovery	Liquid	10/02/03		
53784-13	BATCH-MS % Recovery	Liquid	10/02/03		
53784-14	BATCH-MSD % Recovery	Liquid	10/02/03		

Parameter	Units	Lab Sample IDs				
		53784-10	53784-11	53784-12	53784-13	53784-14
Iron (6010)						
Iron	mg/l	0.050U	104 %	100 %	90 %	97 %
Dilution Factor		1	1	1	1	1
Prep Date		10/02/03	10/02/03	10/02/03	10/02/03	10/02/03
Prep Time		16:41	16:41	16:41	16:41	16:41
Analysis Date		10/07/03	10/07/03	10/07/03	10/07/03	10/07/03
Analysis Time		09:49	09:54	09:59	10:13	10:18
Batch ID		1002K	1002K	1002K	1002K	1002K
Quantitation Factor		1.000				

Hardness as CaCO3 (2340B)						
Hardness as CaCO3	mg/l	3.3U	102 %	97 %	97 %	106 %
Dilution Factor		1	1	1	1	1
Prep Date		10/02/03	10/02/03	10/02/03	10/02/03	10/02/03
Prep Time		16:41	16:41	16:41	16:41	16:41
Analysis Date		10/07/03	10/07/03	10/07/03	10/07/03	10/07/03
Analysis Time		09:49	09:54	09:59	10:13	10:18
Batch ID		1002K	1002K	1002K	1002K	1002K
Quantitation Factor		1.000				

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

RECEIVED

Serial Number

04130

OCT 17 2003 ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa

6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

SEVERN
TRENT

STL

35-3784

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1								
SAMPLER'S SIGNATURE <i>Phil. Cole</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)	HCl	H2O3	VOCs - 8021	Fe + Hardness	PRESERVATIVE														STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	DATE DUE _____
CLIENT (SITE) PM Barry Rice	CLIENT PHONE 727-545-6036	CLIENT FAX 549-1121																				EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	DATE DUE _____
CLIENT NAME S.M. Stoller	CLIENT E-MAIL																					NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1	
CLIENT ADDRESS 7887 Bryan Dairy Rd. Suite 260, Largo, FL		COMPANY CONTRACTING THIS WORK (if applicable)																					

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS				
DATE	TIME																					
10-02-03	1035	PINIS-INFI-N001	G	✓				3	1													
↓	1040	PINIS-EFFI-N001	G	✓				3	1													
↓	1017	PINIZ-RW01-N001	G	✓				3														
↓	1019	PINIZ-RW02-N001	G	✓				3														

RELINQUISHED BY: (SIGNATURE) <i>Barry Rice</i>	DATE 9-30-03	TIME 1430	RELINQUISHED BY: (SIGNATURE) <i>Phil. Cole</i>	DATE 10-02-03	TIME 1045	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>Phil. Cole</i>	DATE 10-01-03	TIME 1100	RECEIVED BY: (SIGNATURE) <i>Barry Rice</i>	DATE 10-2-03	TIME 1045	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>Phil. Cole</i>	DATE 10-2-03	TIME 1333	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. ds	STL TAMPA LOG NO. B353784	LABORATORY REMARKS
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Case Narrative: STL Project B353923

Date: October 20, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center/Quarterly

Laboratory: STL Tampa

Analysis Requested: 8021, Arsenic

Fifteen liquid samples were received on October 9, 2003 and logged in as STL Project B353923. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B353923-1	✓ PIN15-0584-N001 <i>trip blank</i>	10.07.03
B353923-2	✓ PIN12-S73B-N001 <i>original</i>	10.09.03
B353923-3	✓ PIN12-S73C-N001	10.07.03
B353923-4	✓ PIN12-S73D-N001	10.07.03
B353923-5	✓ PIN12-0581-N001 <i>duplicate</i>	10.09.03
B353923-6	✓ PIN12-S31B-N001	10.08.03
B353923-7	✓ PIN12-S32B-N001	10.08.03
B353923-8	✓ PIN12-S29C-N001	10.08.03
B353923-9	✓ PIN12-S33C-N001	10.08.03
B353923-10	✓ PIN12-S30B-N001	10.08.03
B353923-11	✓ PIN12-S35B-N001	10.08.03
B353923-12	✓ PIN12-S72C-N001	10.09.03
B353923-13	✓ PIN12-S59B-N001	10.08.03
B353923-14	✓ PIN12-S37B-N001	10.08.03
B353923-15	✓ PIN12-S56B-N001	10.08.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B353923
SDG Number:
Client Project ID:
Project: Pinellas Star Center/Quarterly
Report Date: 10/17/2003
Sampled By: Client
Sample Received Date: 10/09/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353923
Date Received: 10/09/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center/Quarterly

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0584-N001	B353923*1	Liquid	10/07/2003
PIN12-S73B-N001	B353923*2	Liquid	10/09/2003 09:15
PIN12-S73C-N001	B353923*3	Liquid	10/07/2003 15:15
PIN12-S73D-N001	B353923*4	Liquid	10/07/2003 14:35
PIN12-0581-N001	B353923*5	Liquid	10/09/2003
PIN12-S31B-N001	B353923*6	Liquid	10/08/2003 09:35
PIN12-S32B-N001	B353923*7	Liquid	10/08/2003 09:58
PIN12-S29C-N001	B353923*8	Liquid	10/08/2003 10:28
PIN12-S33C-N001	B353923*9	Liquid	10/08/2003 10:58
PIN12-S30B-N001	B353923*10	Liquid	10/08/2003 13:48
PIN12-S35B-N001	B353923*11	Liquid	10/08/2003 14:23
PIN12-S72C-N001	B353923*12	Liquid	10/09/2003 10:50
PIN12-S59B-N001	B353923*13	Liquid	10/08/2003 08:55
PIN12-S37B-N001	B353923*14	Liquid	10/08/2003 11:23
PIN12-S56B-N001	B353923*15	Liquid	10/08/2003 11:50

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-2	PIN12-S73B-N001	Liquid	10/09/03	10/09/03 09:15	
53923-3	PIN12-S73C-N001	Liquid	10/09/03	10/07/03 15:15	
53923-4	PIN12-S73D-N001	Liquid	10/09/03	10/07/03 14:35	
53923-5	PIN12-0581-N001	Liquid	10/09/03	10/09/03	
53923-6	PIN12-S31B-N001	Liquid	10/09/03	10/08/03 09:35	

Parameter	Units	Lab Sample IDs				
		53923-2	53923-3	53923-4	53923-5	53923-6

Halogenated and Aromatic Volatiles (8021)

Dichlorodifluoromethane	ug/l	2.9			
Toluene	ug/l	0.23J		0.76J	
Total Volatile Organic					
Aromatics	ug/l	0.23J		0.76J	
1,1-Dichloroethane	ug/l		1.0		
cis-1,2-Dichloroethene	ug/l		26		
trans-1,2-Dichloroethene	ug/l		11		
Vinyl chloride	ug/l		9.0		
Arsenic (6010)					
Arsenic	mg/l			0.0043J	0.0033J
					0.079

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-7	PIN12-S32B-N001	Liquid	10/09/03	10/08/03 09:58	
53923-8	PIN12-S29C-N001	Liquid	10/09/03	10/08/03 10:28	
53923-9	PIN12-S33C-N001	Liquid	10/09/03	10/08/03 10:58	
53923-10	PIN12-S30B-N001	Liquid	10/09/03	10/08/03 13:48	
53923-11	PIN12-S35B-N001	Liquid	10/09/03	10/08/03 14:23	

Parameter	Units	Lab Sample IDs				
		53923-7	53923-8	53923-9	53923-10	53923-11

Halogenated and Aromatic Volatiles (8021)

1,1-Dichloroethane	ug/l	0.57J	1.3			
cis-1,2-Dichloroethene	ug/l		19	1300	11000	68000
trans-1,2-Dichloroethene	ug/l		6.4	90	370	4500
Vinyl chloride	ug/l		48	2400	1600	13000
Trichloroethene	ug/l				160J	16000

Arsenic (6010)

Arsenic	mg/l	0.011	0.0043J	0.013		0.0079J
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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-12	PIN12-S72C-N001	Liquid	10/09/03	10/09/03 10:50	

Parameter	Units	53923-12	Lab Sample IDs
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Halogenated and Aromatic Volatiles (8021)
Dibromochloromethane ug/l 0.343

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-13	PIN12-S59B-N001	Liquid	10/09/03	10/08/03 08:55	
53923-14	PIN12-S37B-N001	Liquid	10/09/03	10/08/03 11:23	
53923-15	PIN12-S56B-N001	Liquid	10/09/03	10/08/03 11:50	

Parameter	Units	Lab Sample IDs		
		53923-13	53923-14	53923-15
Arsenic (6010)				
Arsenic	mg/l	0.010		0.00613

Method: EPA SW-846
DOH Certification #E84282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353923
SDG Number:
Client Project ID:
Project: Pinellas Star Center/Quarterly
Report Date: 10/17/2003
Sampled By: Client
Sample Received Date: 10/09/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
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Sample Summary

Order: B353923
Date Received: 10/09/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center/Quarterly

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0584-N001	B353923*1	Liquid	10/07/2003
PIN12-S73B-N001	B353923*2	Liquid	10/09/2003 09:15
PIN12-S73C-N001	B353923*3	Liquid	10/07/2003 15:15
PIN12-S73D-N001	B353923*4	Liquid	10/07/2003 14:35
PIN12-0581-N001	B353923*5	Liquid	10/09/2003
PIN12-S31B-N001	B353923*6	Liquid	10/08/2003 09:35
PIN12-S32B-N001	B353923*7	Liquid	10/08/2003 09:58
PIN12-S29C-N001	B353923*8	Liquid	10/08/2003 10:28
PIN12-S33C-N001	B353923*9	Liquid	10/08/2003 10:58
PIN12-S30B-N001	B353923*10	Liquid	10/08/2003 13:48
PIN12-S35B-N001	B353923*11	Liquid	10/08/2003 14:23
PIN12-S72C-N001	B353923*12	Liquid	10/09/2003 10:50
PIN12-S59B-N001	B353923*13	Liquid	10/08/2003 08:55
PIN12-S37B-N001	B353923*14	Liquid	10/08/2003 11:23
PIN12-S56B-N001	B353923*15	Liquid	10/08/2003 11:50

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-1	PIN15-0584-N001	Liquid	10/09/03	10/07/03	

Parameter	Units	Lab Sample IDs
		53923-1

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U
Bromodichloromethane	ug/l	1.0U
Bromoform	ug/l	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U
Carbon tetrachloride	ug/l	1.0U
Chlorobenzene	ug/l	1.0U
Chloroethane	ug/l	1.0U
Chloroform	ug/l	1.0U
Chloromethane	ug/l	1.0U
Dibromochloromethane	ug/l	1.0U
1,2-Dichlorobenzene	ug/l	1.0U
1,3-Dichlorobenzene	ug/l	1.0U
1,4-Dichlorobenzene	ug/l	1.0U
Dichlorodifluoromethane	ug/l	1.0U
1,1-Dichloroethane	ug/l	1.0U
1,2-Dichloroethane	ug/l	1.0U
1,1-Dichloroethene	ug/l	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U
1,2-Dichloropropane	ug/l	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U
Ethylbenzene	ug/l	1.0U
Methylene chloride		
(Dichloromethane)	ug/l	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U
Tetrachloroethene	ug/l	1.0U
Toluene	ug/l	1.0U
1,1,1-Trichloroethane	ug/l	1.0U
1,1,2-Trichloroethane	ug/l	1.0U
Trichloroethene	ug/l	1.0U
Trichlorofluoromethane	ug/l	1.0U
Vinyl chloride	ug/l	1.0U
o-Xylene	ug/l	1.0U
m&p-Xylene	ug/l	1.0U
2-Chloroethylvinyl ether	ug/l	10U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-1	PIN15-0584-N001	Liquid	10/09/03	10/07/03	

Parameter	Units	Lab Sample IDs
		53923-1

Halogenated and Aromatic Volatiles (8021)

Methyl Tert Butyl Ether (MTBE)	ug/l	10U
Total Volatile Organic		
Aromatics	ug/l	1.0U
Dilution Factor		1
Analysis Date		10/14/03
Analysis Time		00:27
Batch ID		1013E
Quantitation Factor		1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-2	PIN12-S73B-N001	Liquid	10/09/03	10/09/03 09:15	
53923-3	PIN12-S73C-N001	Liquid	10/09/03	10/07/03 15:15	
53923-4	PIN12-S73D-N001	Liquid	10/09/03	10/07/03 14:35	
53923-5	PIN12-0581-N001	Liquid	10/09/03	10/09/03	
53923-6	PIN12-S31B-N001	Liquid	10/09/03	10/08/03 09:35	

Parameter	Units	Lab Sample IDs				
		53923-2	53923-3	53923-4	53923-5	53923-6

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	2.9	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U	26	1.0U	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U	11	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Toluene	ug/l	0.23J	1.0U	1.0U	0.76J	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-2	PIN12-S73B-N001	Liquid	10/09/03	10/09/03 09:15	
53923-3	PIN12-S73C-N001	Liquid	10/09/03	10/07/03 15:15	
53923-4	PIN12-S73D-N001	Liquid	10/09/03	10/07/03 14:35	
53923-5	PIN12-0581-N001	Liquid	10/09/03	10/09/03	
53923-6	PIN12-S31B-N001	Liquid	10/09/03	10/08/03 09:35	

Parameter	Units	Lab Sample IDs				
		53923-2	53923-3	53923-4	53923-5	53923-6

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U	9.0	1.0U	1.0U	1.0U
o-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U	10U	10U
Total Volatile Organic						
Aromatics	ug/l	0.23J	1.0U	1.0U	0.76J	1.0U
Dilution Factor		1	1	1	1	1
Analysis Date		10/14/03	10/14/03	10/13/03	10/13/03	10/13/03
Analysis Time		22:02	01:40	16:01	16:37	17:13
Batch ID		1013E	1013E	1013E	1013E	1013E
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.010U	0.010U	0.0043J	0.0033J	0.079
Dilution Factor		1	1	1	1	1
Prep Date		10/10/03	10/10/03	10/10/03	10/10/03	10/10/03
Prep Time		19:50	19:50	19:50	19:50	19:50
Analysis Date		10/13/03	10/13/03	10/13/03	10/13/03	10/13/03
Analysis Time		15:51	16:10	16:16	16:36	16:42
Batch ID		1010J	1010J	1010J	1010J	1010J
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-7	PIN12-S32B-N001	Liquid	10/09/03	10/08/03 09:58	
53923-8	PIN12-S29C-N001	Liquid	10/09/03	10/08/03 10:28	
53923-9	PIN12-S33C-N001	Liquid	10/09/03	10/08/03 10:58	
53923-10	PIN12-S30B-N001	Liquid	10/09/03	10/08/03 13:48	
53923-11	PIN12-S35B-N001	Liquid	10/09/03	10/08/03 14:23	

Parameter	Units	Lab Sample IDs				
		53923-7	53923-8	53923-9	53923-10	53923-11

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	1.0U	25U	250U	1000U
Bromodichloromethane	ug/l	1.0U	1.0U	25U	250U	1000U
Bromoform	ug/l	5.0U	5.0U	120U	1200U	5000U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	25U	250U	1000U
Carbon tetrachloride	ug/l	1.0U	1.0U	25U	250U	1000U
Chlorobenzene	ug/l	1.0U	1.0U	25U	250U	1000U
Chloroethane	ug/l	1.0U	1.0U	25U	250U	1000U
Chloroform	ug/l	1.0U	1.0U	25U	250U	1000U
Chloromethane	ug/l	1.0U	1.0U	25U	250U	1000U
Dibromochloromethane	ug/l	1.0U	1.0U	25U	250U	1000U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	25U	250U	1000U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	25U	250U	1000U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	25U	250U	1000U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	25U	250U	1000U
1,1-Dichloroethane	ug/l	0.57J	1.3	25U	250U	1000U
1,2-Dichloroethane	ug/l	1.0U	1.0U	25U	250U	1000U
1,1-Dichloroethene	ug/l	1.0U	1.0U	25U	250U	1000U
cis-1,2-Dichloroethene	ug/l	1.0U	19	1300	11000	68000
trans-1,2-Dichloroethene	ug/l	1.0U	6.4	90	370	4500
1,2-Dichloropropane	ug/l	1.0U	1.0U	25U	250U	1000U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	25U	250U	1000U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	25U	250U	1000U
Ethylbenzene	ug/l	1.0U	1.0U	25U	250U	1000U
Methylene chloride (Dichloromethane)	ug/l	5.0U	5.0U	120U	1200U	5000U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	25U	250U	1000U
Tetrachloroethene	ug/l	1.0U	1.0U	25U	250U	1000U
Toluene	ug/l	1.0U	1.0U	25U	250U	1000U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	25U	250U	1000U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	25U	250U	1000U
Trichloroethene	ug/l	1.0U	1.0U	25U	160J	16000
Trichlorofluoromethane	ug/l	1.0U	1.0U	25U	250U	1000U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-7	PIN12-S32B-N001	Liquid	10/09/03	10/08/03 09:58	
53923-8	PIN12-S29C-N001	Liquid	10/09/03	10/08/03 10:28	
53923-9	PIN12-S33C-N001	Liquid	10/09/03	10/08/03 10:58	
53923-10	PIN12-S30B-N001	Liquid	10/09/03	10/08/03 13:48	
53923-11	PIN12-S35B-N001	Liquid	10/09/03	10/08/03 14:23	

Parameter	Units	Lab Sample IDs				
		53923-7	53923-8	53923-9	53923-10	53923-11

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U	48	2400	1600	13000
o-Xylene	ug/l	1.0U	1.0U	25U	250U	1000U
m&p-Xylene	ug/l	1.0U	1.0U	25U	250U	1000U
2-Chloroethylvinyl ether	ug/l	10U	10U	250U	2500U	10000U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	250U	2500U	10000U
Total Volatile Organic						
Aromatics	ug/l	1.0U	1.0U	25U	250U	1000U
Dilution Factor		1	1	25	250	1000
Analysis Date		10/14/03	10/14/03	10/13/03	10/13/03	10/13/03
Analysis Time		02:16	02:52	19:02	19:38	20:14
Batch ID		1013E	1013E	1013E	1013E	1013E
Quantitation Factor		1.000	1.000	25.00	250.0	1000

Arsenic (6010)

Arsenic	mg/l	0.011	0.0043J	0.013	0.010U	0.0079J
Dilution Factor		1	1	1	1	1
Prep Date		10/10/03	10/10/03	10/10/03	10/10/03	10/10/03
Prep Time		19:50	19:50	19:50	19:50	19:50
Analysis Date		10/13/03	10/13/03	10/13/03	10/13/03	10/13/03
Analysis Time		16:48	16:54	17:01	17:07	17:13
Batch ID		1010J	1010J	1010J	1010J	1010J
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-12	PIN12-S72C-N001	Liquid	10/09/03	10/09/03 10:50	

Parameter	Units	Lab Sample IDs
		53923-12

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U
Bromodichloromethane	ug/l	1.0U
Bromoform	ug/l	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U
Carbon tetrachloride	ug/l	1.0U
Chlorobenzene	ug/l	1.0U
Chloroethane	ug/l	1.0U
Chloroform	ug/l	1.0U
Chloromethane	ug/l	1.0U
Dibromochloromethane	ug/l	0.34J
1,2-Dichlorobenzene	ug/l	1.0U
1,3-Dichlorobenzene	ug/l	1.0U
1,4-Dichlorobenzene	ug/l	1.0U
Dichlorodifluoromethane	ug/l	1.0U
1,1-Dichloroethane	ug/l	1.0U
1,2-Dichloroethane	ug/l	1.0U
1,1-Dichloroethene	ug/l	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U
1,2-Dichloropropane	ug/l	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U
Ethylbenzene	ug/l	1.0U
Methylene chloride (Dichloromethane)	ug/l	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U
Tetrachloroethene	ug/l	1.0U
Toluene	ug/l	1.0U
1,1,1-Trichloroethane	ug/l	1.0U
1,1,2-Trichloroethane	ug/l	1.0U
Trichloroethene	ug/l	1.0U
Trichlorofluoromethane	ug/l	1.0U
Vinyl chloride	ug/l	1.0U
o-Xylene	ug/l	1.0U
m&p-Xylene	ug/l	1.0U
2-Chloroethylvinyl ether	ug/l	10U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-12	PIN12-S72C-N001	Liquid	10/09/03	10/09/03 10:50	

Parameter	Units	Lab Sample IDs
		53923-12

Halogenated and Aromatic Volatiles (8021)

Methyl Tert Butyl Ether (MTBE)	ug/l	10U
Total Volatile Organic		
Aromatics	ug/l	1.0U
Dilution Factor		1
Analysis Date		10/14/03
Analysis Time		21:26
Batch ID		1013E
Quantitation Factor		1.000

Arsenic (6010)

Arsenic	mg/l	0.010U
Dilution Factor		1
Prep Date		10/10/03
Prep Time		19:50
Analysis Date		10/13/03
Analysis Time		17:20
Batch ID		1010J
Quantitation Factor		1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-13	PIN12-S59B-N001	Liquid	10/09/03	10/08/03 08:55	
53923-14	PIN12-S37B-N001	Liquid	10/09/03	10/08/03 11:23	
53923-15	PIN12-S56B-N001	Liquid	10/09/03	10/08/03 11:50	

Parameter	Units	Lab Sample IDs		
		53923-13	53923-14	53923-15
Arsenic (6010)				
Arsenic	mg/l	0.010U	0.010	0.0061J
Dilution Factor		1	1	1
Prep Date		10/10/03	10/10/03	10/10/03
Prep Time		19:50	19:50	19:50
Analysis Date		10/13/03	10/13/03	10/13/03
Analysis Time		17:26	17:32	17:52
Batch ID		1010J	1010J	1010J
Quantitation Factor		1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-16	Method Blank	Liquid	10/09/03		
53923-17	LCS % Recovery	Liquid	10/09/03		
53923-18	LCSD % Recovery	Liquid	10/09/03		
53923-19	PIN12-S72C-N001-MS % Recovery	Liquid	10/09/03	10/09/03	
53923-20	PIN12-S72C-N001-MSD % Recovery	Liquid	10/09/03	10/09/03	

Parameter	Units	Lab Sample IDs				
		53923-16	53923-17	53923-18	53923-19	53923-20

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	86 %	82 %	76 %	76 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	80 %	78 %	75 %	87 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	90 %	100 %	90 %	110 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	84 %	79 %	80 %	82 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	88 %	90 %	83 %	100 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-16	Method Blank	Liquid	10/09/03		
53923-17	LCS % Recovery	Liquid	10/09/03		
53923-18	LCSD % Recovery	Liquid	10/09/03		
53923-19	PIN12-S72C-N001-MS % Recovery	Liquid	10/09/03	10/09/03	
53923-20	PIN12-S72C-N001-MSD % Recovery	Liquid	10/09/03	10/09/03	

Parameter	Units	Lab Sample IDs				
		53923-16	53923-17	53923-18	53923-19	53923-20

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U				
o-Xylene	ug/l	1.0U				
m&p-Xylene	ug/l	1.0U				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic						
Aromatics	ug/l	1.0U				
Dilution Factor		1	1	1	1	1
Analysis Date		10/13/03	10/13/03	10/13/03	10/14/03	10/14/03
Analysis Time		13:36	11:13	11:48	22:38	23:15
Batch ID		1013E	1013E	1013E	1013E	1013E
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53923-21	Method Blank	Liquid	10/09/03		
53923-22	LCS % Recovery	Liquid	10/09/03		
53923-23	LCSD % Recovery	Liquid	10/09/03		
53923-24	PIN12-S73B-N001-MS % Recovery	Liquid	10/09/03	10/09/03	
53923-25	PIN12-S73B-N001-MSD % Recovery	Liquid	10/09/03	10/09/03	

Parameter	Units	Lab Sample IDs				
		53923-21	53923-22	53923-23	53923-24	53923-25

Arsenic (6010)

Arsenic	mg/l	0.010U	106 %	105 %	108 %	110 %
Dilution Factor		1	1	1	1	1
Prep Date		10/10/03	10/10/03	10/10/03	10/10/03	10/10/03
Prep Time		19:50	19:50	19:50	19:50	19:50
Analysis Date		10/13/03	10/13/03	10/13/03	10/13/03	10/13/03
Analysis Time		15:19	15:26	15:32	15:57	16:04
Batch ID		1010J	1010J	1010J	1010J	1010J
Quantitation Factor		1.000				

Method: EPA SW-846

DOH Certification #E84282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7049
Fax: (813) 885-7049

RECEIVED

Alternate Laboratory Name/Location

Phone:
Fax:

OCT 27 2003

**SEVERN
TRENT**

STL

35 39 23

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 2										
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	He1	He2	He3	He4	He5	He6	He7	He8	He9	He10	He11	He12	He13	He14	He15	He16	He17	He18	He19	He20	STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	DATE DUE _____
CLIENT (SITE) PM Julien P. Caballero	CLIENT PHONE 727.541.8103	CLIENT FAX 545.1121																						EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	DATE DUE _____
CLIENT NAME S.M. Stoller	CLIENT E-MAIL																							NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1	
CLIENT ADDRESS 7887 Bryan Dairy Rd, Suite 260, Largo, FL		COMPANY CONTRACTING THIS WORK (if applicable)																							

PRESERVATIVE

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS							
DATE	TIME							1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17
10-07-03	—	PIN15-0584-N001	G	✓				3																	
10-09-03	0915	PIN12-573B-N001	G	✓				3	1																
10-07-03	1515	PIN12-573C-N001	G	✓				3	1																
10-07-03	1435	PIN12-573D-N001	G	✓				3	1																
10-04-03	—	PIN12-0581-N001	G	✓				3	1																
10-8-03	0855	PIN12-559B-N001	G	✓					1																
	0935	PIN12-531B-N001	G	✓				3	1																
	0958	PIN12-532B-N001	G	✓				3	1																
	1028	PIN12-529C-N001	G	✓				3	1																
	1058	PIN12-533C-N001	G	✓				3	1																
	1123	PIN12-537B-N001	G	✓					1																
	1150	PIN12-556B-N001	G	✓					1																

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 9-30-03	TIME 1500	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-09-03	TIME 1310	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-01-03	TIME 1100	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-09-03	TIME 1310	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-9-03	TIME 1430	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. N/S	STL TAMPA LOG NO. B353923	LABORATORY REMARKS
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD



STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049



Alternate Laboratory Name/Location

Phone:
Fax:

**SEVERN
TRENT**

STL

35 39 23

PROJECT REFERENCE <i>Star Center</i>	PROJECT NO.	PROJECT LOCATION (STATE) <i>FL</i>	MATRIX TYPE	REQUIRED ANALYSIS										PAGE <i>2</i>	OF <i>2</i>			
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)	<i>HCl</i>	<i>VOCs 8021</i>	<i>#03 Arsenic</i>	PRESERVATIVE											STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>
CLIENT (SITE) PM <i>Julian Caballero</i>	CLIENT PHONE <i>727-541-8103</i>	CLIENT FAX <i>549-1121</i>																DATE DUE _____
CLIENT NAME <i>S.M. Stoller</i>	CLIENT E-MAIL																	EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>
CLIENT ADDRESS <i>7887 Bryan Dairy Rd, Ste 260, Largo, FL</i>	COMPANY CONTRACTING THIS WORK (if applicable)																	DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT: <i>1</i>																		

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
DATE	TIME																	
<i>10/8/03</i>	<i>1348</i>	<i>PIN12-530B-N001</i>	<i>G</i>	<i>✓</i>				<i>3</i>	<i>1</i>									
<i>10-08-03</i>	<i>1423</i>	<i>PIN12-535B-N001</i>	<i>G</i>	<i>✓</i>				<i>3</i>	<i>1</i>									
<i>10-09-03</i>	<i>1050</i>	<i>PIN12-5728^C-N001</i> <i>q</i>	<i>G</i>	<i>✓</i>				<i>3</i>	<i>1</i>									<i>12-572C</i>

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>9-30-03</i>	TIME <i>1500</i>	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>10-09-03</i>	TIME <i>1310</i>	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>10-01-03</i>	TIME <i>1100</i>	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>10-9-03</i>	TIME <i>1310</i>	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY								
RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>10-9-03</i>	TIME <i>1430</i>	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. <i>N/S</i>	STL TAMPA LOG NO. <i>B353923</i>	LABORATORY REMARKS		

Case Narrative: STL Project B353946

Date: October 23, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center/Quarterly

Laboratory: STL Tampa

RECEIVED
OCT 28 2003

Analysis Requested: 8021, Arsenic

Twelve liquid samples were received on October 10, 2003 and logged in as STL Project B353946. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B353946-1	PIN15-0586-N001 <i>trip blank</i>	10.09.03
B353946-2	PIN12-S72B-N001	10.09.03
B353946-3	PIN12-S72D-N001	10.09.03
B353946-4	PIN21-0502-N001	10.09.03
B353946-5	PIN21-0503-N001	10.09.03
B353946-6	PIN21-0512-N001	10.09.03
B353946-7	PIN12-S71B-N001	10.10.03
B353946-8	PIN12-S71C-N001	10.10.03
B353946-9	PIN12-S71D-N001	10.10.03
B353946-10	PIN12-S70B-N001	10.10.03
B353946-11	PIN12-S70C-N001	10.10.03
B353946-12	PIN12-S70D-N001	10.10.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353946
SDG Number:
Client Project ID:
Project: Pinellas Star Center/Quarterly
Report Date: 10/23/2003
Sampled By: Client
Sample Received Date: 10/10/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353946
Date Received: 10/10/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center/Quarterly

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0586-N001	B353946*1	Liquid	10/09/2003
PIN12-S72B-N001	B353946*2	Liquid	10/09/2003 13:25
PIN12-S72D-N001	B353946*3	Liquid	10/09/2003 14:10
PIN21-0502-N001	B353946*4	Liquid	10/09/2003 14:42
PIN21-0503-N001	B353946*5	Liquid	10/09/2003 15:00
PIN21-0512-N001	B353946*6	Liquid	10/09/2003 15:38
PIN12-S71B-N001	B353946*7	Liquid	10/10/2003 08:46
PIN12-S71C-N001	B353946*8	Liquid	10/10/2003 09:30
PIN12-S71D-N001	B353946*9	Liquid	10/10/2003 10:02
PIN12-S70B-N001	B353946*10	Liquid	10/10/2003 10:43
PIN12-S70C-N001	B353946*11	Liquid	10/10/2003 11:16
PIN12-S70D-N001	B353946*12	Liquid	10/10/2003 11:53

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-1	PIN15-0586-N001	Liquid	10/10/03	10/09/03	

Parameter	Units	53946-1	Lab Sample IDs
-----------	-------	---------	----------------

Halogenated and Aromatic Volatiles (8021)

Methylene chloride (Dichloromethane)	ug/l	1.2J
o-Xylene	ug/l	0.83J
Total Volatile Organic Aromatics	ug/l	0.83J

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-2	PIN12-S72B-N001	Liquid	10/10/03	10/09/03 13:25	
53946-3	PIN12-S72D-N001	Liquid	10/10/03	10/09/03 14:10	
53946-4	PIN21-0502-N001	Liquid	10/10/03	10/09/03 14:42	
53946-5	PIN21-0503-N001	Liquid	10/10/03	10/09/03 15:00	
53946-6	PIN21-0512-N001	Liquid	10/10/03	10/09/03 15:38	

Parameter	Units	Lab Sample IDs				
		53946-2	53946-3	53946-4	53946-5	53946-6

Halogenated and Aromatic Volatiles (8021)						
Methylene chloride (Dichloromethane)	ug/l	0.68J	0.94J	0.49J		0.32J
cis-1,2-Dichloroethene	ug/l				8.7	
Trichloroethene	ug/l				5.2	
Vinyl chloride	ug/l					1.3
Arsenic (6010)						
Arsenic	mg/l		0.0043J			

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-7	PIN12-S71B-N001	Liquid	10/10/03	10/10/03 08:46	
53946-8	PIN12-S71C-N001	Liquid	10/10/03	10/10/03 09:30	
53946-9	PIN12-S71D-N001	Liquid	10/10/03	10/10/03 10:02	
53946-10	PIN12-S70B-N001	Liquid	10/10/03	10/10/03 10:43	
53946-11	PIN12-S70C-N001	Liquid	10/10/03	10/10/03 11:16	

Parameter	Units	Lab Sample IDs				
		53946-7	53946-8	53946-9	53946-10	53946-11

Halogenated and Aromatic Volatiles (8021)						
cis-1,2-Dichloroethene	ug/l	10	120	3.4	29	29
trans-1,2-Dichloroethene	ug/l	3.0	52			8.1
Vinyl chloride	ug/l	0.33J	160		24	11
1,1-Dichloroethane	ug/l		7.5			6.8

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-12	PIN12-S70D-N001	Liquid	10/10/03	10/10/03 11:53	

Parameter	Units	53946-12	Lab Sample IDs
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Halogenated and Aromatic Volatiles (8021)		
cis-1,2-Dichloroethene	ug/l	13
trans-1,2-Dichloroethene	ug/l	2.5
Vinyl chloride	ug/l	0.26J

Method: EPA SW-846
DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353946
SDG Number:
Client Project ID:
Project: Pinellas Star Center/Quarterly
Report Date: 10/23/2003
Sampled By: Client
Sample Received Date: 10/10/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353946
Date Received: 10/10/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center/Quarterly

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0586-N001	B353946*1	Liquid	10/09/2003
PIN12-S72B-N001	B353946*2	Liquid	10/09/2003 13:25
PIN12-S72D-N001	B353946*3	Liquid	10/09/2003 14:10
PIN21-0502-N001	B353946*4	Liquid	10/09/2003 14:42
PIN21-0503-N001	B353946*5	Liquid	10/09/2003 15:00
PIN21-0512-N001	B353946*6	Liquid	10/09/2003 15:38
PIN12-S71B-N001	B353946*7	Liquid	10/10/2003 08:46
PIN12-S71C-N001	B353946*8	Liquid	10/10/2003 09:30
PIN12-S71D-N001	B353946*9	Liquid	10/10/2003 10:02
PIN12-S70B-N001	B353946*10	Liquid	10/10/2003 10:43
PIN12-S70C-N001	B353946*11	Liquid	10/10/2003 11:16
PIN12-S70D-N001	B353946*12	Liquid	10/10/2003 11:53

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-1	PIN15-0586-N001	Liquid	10/10/03	10/09/03	

Parameter	Units	Lab Sample IDs
		53946-1

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.00
Bromodichloromethane	ug/l	1.00
Bromoform	ug/l	5.00
Bromomethane (Methyl bromide)	ug/l	1.00
Carbon tetrachloride	ug/l	1.00
Chlorobenzene	ug/l	1.00
Chloroethane	ug/l	1.00
Chloroform	ug/l	1.00
Chloromethane	ug/l	1.00
Dibromochloromethane	ug/l	1.00
1,2-Dichlorobenzene	ug/l	1.00
1,3-Dichlorobenzene	ug/l	1.00
1,4-Dichlorobenzene	ug/l	1.00
Dichlorodifluoromethane	ug/l	1.00
1,1-Dichloroethane	ug/l	1.00
1,2-Dichloroethane	ug/l	1.00
1,1-Dichloroethene	ug/l	1.00
cis-1,2-Dichloroethene	ug/l	1.00
trans-1,2-Dichloroethene	ug/l	1.00
1,2-Dichloropropane	ug/l	1.00
cis-1,3-Dichloropropene	ug/l	1.00
trans-1,3-Dichloropropene	ug/l	1.00
Ethylbenzene	ug/l	1.00
Methylene chloride		
(Dichloromethane)	ug/l	1.2J
1,1,2,2-Tetrachloroethane	ug/l	1.00
Tetrachloroethene	ug/l	1.00
Toluene	ug/l	1.00
1,1,1-Trichloroethane	ug/l	1.00
1,1,2-Trichloroethane	ug/l	1.00
Trichloroethene	ug/l	1.00
Trichlorofluoromethane	ug/l	1.00
Vinyl chloride	ug/l	1.00
o-Xylene	ug/l	0.83J
m&p-Xylene	ug/l	1.00
2-Chloroethylvinyl ether	ug/l	10U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-1	PIN15-0586-N001	Liquid	10/10/03	10/09/03	

Parameter	Units	Lab Sample IDs
		53946-1

Halogenated and Aromatic Volatiles (8021)

Methyl Tert Butyl Ether (MTBE)	ug/l	100
Total Volatile Organic		
Aromatics	ug/l	0.833
Dilution Factor		1
Analysis Date		10/15/03
Analysis Time		14:42
Batch ID		1015B
Quantitation Factor		1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-2	PIN12-S72B-N001	Liquid	10/10/03	10/09/03 13:25	
53946-3	PIN12-S72D-N001	Liquid	10/10/03	10/09/03 14:10	
53946-4	PIN21-0502-N001	Liquid	10/10/03	10/09/03 14:42	
53946-5	PIN21-0503-N001	Liquid	10/10/03	10/09/03 15:00	
53946-6	PIN21-0512-N001	Liquid	10/10/03	10/09/03 15:38	

Parameter	Units	Lab Sample IDs			
		53946-2	53946-3	53946-4	53946-5

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	8.7	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Methylene chloride						
(Dichloromethane)	ug/l	0.68J	0.94J	0.49J	5.0U	0.32J
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Toluene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U	1.0U	5.2	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-2	PIN12-S72B-N001	Liquid	10/10/03	10/09/03 13:25	
53946-3	PIN12-S72D-N001	Liquid	10/10/03	10/09/03 14:10	
53946-4	PIN21-0502-N001	Liquid	10/10/03	10/09/03 14:42	
53946-5	PIN21-0503-N001	Liquid	10/10/03	10/09/03 15:00	
53946-6	PIN21-0512-N001	Liquid	10/10/03	10/09/03 15:38	

Parameter	Units	Lab Sample IDs			
		53946-2	53946-3	53946-4	53946-5

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U	1.0U	1.0U	1.0U	1.3
o-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U	10U	10U
Total Volatile Organic						
Aromatics	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dilution Factor		1	1	1	1	1
Analysis Date		10/15/03	10/15/03	10/15/03	10/15/03	10/15/03
Analysis Time		15:21	16:01	16:40	17:19	17:58
Batch ID		1015B	1015B	1015B	1015B	1015B
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.010U	0.0043J	0.010U	0.010U	0.010U
Dilution Factor		1	1	1	1	1
Prep Date		10/10/03	10/10/03	10/10/03	10/10/03	10/10/03
Prep Time		20:50	20:50	20:50	20:50	20:50
Analysis Date		10/21/03	10/21/03	10/21/03	10/21/03	10/21/03
Analysis Time		15:08	15:32	15:38	15:45	16:04
Batch ID		1010N	1010N	1010N	1010N	1010N
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-7	PIN12-S71B-N001	Liquid	10/10/03	10/10/03	08:46
53946-8	PIN12-S71C-N001	Liquid	10/10/03	10/10/03	09:30
53946-9	PIN12-S71D-N001	Liquid	10/10/03	10/10/03	10:02
53946-10	PIN12-S70B-N001	Liquid	10/10/03	10/10/03	10:43
53946-11	PIN12-S70C-N001	Liquid	10/10/03	10/10/03	11:16

Parameter	Units	Lab Sample IDs				
		53946-7	53946-8	53946-9	53946-10	53946-11

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	12U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Chloroethane	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	7.5	1.0U	1.0U	6.8
1,2-Dichloroethane	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	10	120	3.4	29	29
trans-1,2-Dichloroethene	ug/l	3.0	52	1.0U	1.0U	8.1
1,2-Dichloropropane	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	5.0U	12U	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Toluene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-7	PIN12-S71B-N001	Liquid	10/10/03	10/10/03	08:46
53946-8	PIN12-S71C-N001	Liquid	10/10/03	10/10/03	09:30
53946-9	PIN12-S71D-N001	Liquid	10/10/03	10/10/03	10:02
53946-10	PIN12-S70B-N001	Liquid	10/10/03	10/10/03	10:43
53946-11	PIN12-S70C-N001	Liquid	10/10/03	10/10/03	11:16

Parameter	Units	Lab Sample IDs				
		53946-7	53946-8	53946-9	53946-10	53946-11

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	0.33J	160	1.0U	24	11
o-Xylene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	25U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	25U	10U	10U	10U
Total Volatile Organic						
Aromatics	ug/l	1.0U	2.5U	1.0U	1.0U	1.0U
Dilution Factor		1	2.5	1	1	1
Analysis Date		10/16/03	10/15/03	10/15/03	10/15/03	10/15/03
Analysis Time		15:48	19:16	19:56	20:35	21:14
Batch ID		1015B	1015B	1015B	1015B	1015B
Quantitation Factor		1.000	2.500	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.010U	0.010U	0.010U	0.010U	0.010U
Dilution Factor		1	1	1	1	1
Prep Date		10/10/03	10/10/03	10/10/03	10/10/03	10/10/03
Prep Time		20:50	20:50	20:50	20:50	20:50
Analysis Date		10/21/03	10/21/03	10/21/03	10/21/03	10/21/03
Analysis Time		16:10	16:17	16:23	16:30	16:36
Batch ID		1010N	1010N	1010N	1010N	1010N
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-12	PIN12-S70D-N001	Liquid	10/10/03	10/10/03 11:53	

Parameter	Units	Lab Sample IDs
		53946-12

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U
Bromodichloromethane	ug/l	1.0U
Bromoform	ug/l	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U
Carbon tetrachloride	ug/l	1.0U
Chlorobenzene	ug/l	1.0U
Chloroethane	ug/l	1.0U
Chloroform	ug/l	1.0U
Chloromethane	ug/l	1.0U
Dibromochloromethane	ug/l	1.0U
1,2-Dichlorobenzene	ug/l	1.0U
1,3-Dichlorobenzene	ug/l	1.0U
1,4-Dichlorobenzene	ug/l	1.0U
Dichlorodifluoromethane	ug/l	1.0U
1,1-Dichloroethane	ug/l	1.0U
1,2-Dichloroethane	ug/l	1.0U
1,1-Dichloroethene	ug/l	1.0U
cis-1,2-Dichloroethene	ug/l	13
trans-1,2-Dichloroethene	ug/l	2.5
1,2-Dichloropropane	ug/l	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U
Ethylbenzene	ug/l	1.0U
Methylene chloride (Dichloromethane)	ug/l	5.0U
1,1,1,2-Tetrachloroethane	ug/l	1.0U
Tetrachloroethene	ug/l	1.0U
Toluene	ug/l	1.0U
1,1,1-Trichloroethane	ug/l	1.0U
1,1,2-Trichloroethane	ug/l	1.0U
Trichloroethene	ug/l	1.0U
Trichlorofluoromethane	ug/l	1.0U
Vinyl chloride	ug/l	0.26J
o-Xylene	ug/l	1.0U
m&p-Xylene	ug/l	1.0U
2-Chloroethylvinyl ether	ug/l	10U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDC#
53946-12	PIN12-S70D-N001	Liquid	10/10/03	10/10/03 11:53	

Parameter	Units	Lab Sample IDs
		53946-12

Halogenated and Aromatic Volatiles (8021)

Methyl Tert Butyl Ether (MTBE)	ug/l	10U
Total Volatile Organic		
Aromatics	ug/l	1.0U
Dilution Factor		1
Analysis Date		10/16/03
Analysis Time		16:28
Batch ID		1015B
Quantitation Factor		1.000

Arsenic (6010)

Arsenic	mg/l	0.010U
Dilution Factor		1
Prep Date		10/10/03
Prep Time		20:50
Analysis Date		10/21/03
Analysis Time		16:42
Batch ID		1010N
Quantitation Factor		1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-13	Method Blank	Liquid	10/10/03		
53946-14	LCS % Recovery	Liquid	10/10/03		
53946-15	LCSD % Recovery	Liquid	10/10/03		
53946-16	PIN12-S72B-N001-MS % Recovery	Liquid	10/10/03	10/09/03	
53946-17	PIN12-S72B-N001-MSD % Recovery	Liquid	10/10/03	10/09/03	

Parameter	Units	Lab Sample IDs				
		53946-13	53946-14	53946-15	53946-16	53946-17

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	89 %	86 %	83 %	88 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	80 %	72 %	70 %	67 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	95 %	84 %	88 %	84 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	92 %	74 %	77 %	90 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	82 %	75 %	78 %	76 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-13	Method Blank	Liquid	10/10/03		
53946-14	LCS % Recovery	Liquid	10/10/03		
53946-15	LCSD % Recovery	Liquid	10/10/03		
53946-16	PIN12-S72B-N001-MS % Recovery	Liquid	10/10/03	10/09/03	
53946-17	PIN12-S72B-N001-MSD % Recovery	Liquid	10/10/03	10/09/03	

Parameter	Units	Lab Sample IDs				
		53946-13	53946-14	53946-15	53946-16	53946-17

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U				
o-Xylene	ug/l	1.0U				
m&p-Xylene	ug/l	1.0U				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic						
Aromatics	ug/l	1.0U				
Dilution Factor		1	1	1	1	1
Analysis Date		10/15/03	10/15/03	10/15/03	10/16/03	10/16/03
Analysis Time		12:45	10:47	23:11	17:07	17:46
Batch ID		1015B	1015B	1015B	1015B	1015B
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53946-18	Method Blank	Liquid	10/10/03		
53946-19	LCS % Recovery	Liquid	10/10/03		
53946-20	LCSD % Recovery	Liquid	10/10/03		
53946-21	PIN12-S72B-N001-MS % Recovery	Liquid	10/10/03	10/09/03	
53946-22	PIN12-S72B-N001-MSD % Recovery	Liquid	10/10/03	10/09/03	

Parameter	Units	Lab Sample IDs				
		53946-18	53946-19	53946-20	53946-21	53946-22

Arsenic (6010)

Arsenic	mg/l	0.010U	98 %	97 %	102 %	103 %
Dilution Factor		1	1	1	1	1
Prep Date		10/10/03	10/10/03	10/10/03	10/10/03	10/10/03
Prep Time		20:50	20:50	20:50	20:50	20:50
Analysis Date		10/21/03	10/21/03	10/21/03	10/21/03	10/21/03
Analysis Time		14:42	14:49	14:55	15:14	15:21
Batch ID		1010N	1010N	1010N	1010N	1010N
Quantitation Factor		1.000				

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

**SEVERN
TRENT**

STL

35 3946

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1			
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT...)	HCl	HNO3	PRESERVATIVE												STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>
CLIENT (SITE) PM Julian Caballero	CLIENT PHONE 727.541.8103	CLIENT FAX 549.1121																DATE DUE _____
CLIENT NAME S.M. Stoller	CLIENT E-MAIL																	EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>
CLIENT ADDRESS 7887 Bryan Dairy Rd., Suite 260, Largo, FL	COMPANY CONTRACTING THIS WORK (if applicable)																	DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:																		

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
DATE	TIME							1	2	3	4	5	6	7	8	9	10	
10-09-03	—	PIN15-0586-N001	G	✓				3										
	1325	PIN12-572B-N001	G	✓				3	1									
	1410	PIN12-572D-N001	G	✓				3	1									
	1442	PIN21-0502-N001	G	✓				3	1									
	1500	PIN21-0503-N001	G	✓				3	1									
10-09-03	1538	PIN21-0512-N001	G	✓				3	1									
10-10-03	0846	PIN12-571B-N001	G	✓				3	1									
	0930	PIN12-571C-N001	G	✓				3	1									
	1002	PIN12-571D-N001	G	✓				3	1									
	1043	PIN12-570B-N001	G	✓				3	1									
	1116	PIN12-570C-N001	G	✓				3	1									
10-10-03	1153	PIN12-570D-N001	G	✓				3	1									

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 9-30-03	TIME 1800	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-10-03	TIME 0800	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-10-03	TIME 1330
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-01-03	TIME 1100	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-10-03	TIME 0900	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-10-03	TIME 1330

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-10-03	TIME 1555	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. N/A	STL TAMPA LOG NO. B353946	LABORATORY REMARKS
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Case Narrative: STL Project B353962

Date: October 20, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

Laboratory: STL Tampa

Analysis Requested: 8021, Arsenic

Twelve liquid samples were received on October 14, 2003 and logged in as STL Project B353962. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B353962-1	PIN15-0588-N001 <i>trip blank</i>	10.13.03
B353962-22	PIN15-0588-N001 <i>trip blank</i>	10.10.03
B353962-2	PIN12-0526-N001	10.10.03
B353962-3	PIN12-S69B-N001	10.10.03
B353962-4	PIN12-S69C-N001	10.10.03
B353962-5	PIN12-S69D-N001	10.10.03
B353962-6	PIN12-0514-N001	10.13.03
B353962-7	PIN12-0513-N001	10.13.03
B353962-8	PIN12-S68B-N001	10.13.03
B353962-9	PIN12-S68C-N001	10.13.03
B353962-10	PIN12-S68D-N001 <i>original</i>	10.13.03
B353962-11	PIN12-0580-N001 <i>duplicate</i>	10.13.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353962
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/20/2003
Sampled By: Client
Sample Received Date: 10/14/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353962
Date Received: 10/14/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0588-N001	B353962*1	Liquid	10/13/2003
PIN15-0588-N001	B353962*22	Liquid	10/10/2003
PIN12-0526-N001	B353962*2	Liquid	10/10/2003 13:03
PIN12-S69B-N001	B353962*3	Liquid	10/10/2003 13:49
PIN12-S69C-N001	B353962*4	Liquid	10/10/2003 14:26
PIN12-S69D-N001	B353962*5	Liquid	10/10/2003 15:00
PIN12-0514-N001	B353962*6	Liquid	10/13/2003 08:50
PIN12-0513-N001	B353962*7	Liquid	10/13/2003 09:12
PIN12-S68B-N001	B353962*8	Liquid	10/13/2003 09:57
PIN12-S68C-N001	B353962*9	Liquid	10/13/2003 10:39
PIN12-S68D-N001	B353962*10	Liquid	10/13/2003 11:09
PIN12-0580-N001	B353962*11	Liquid	10/13/2003

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-1	PIN15-0588-N001	Liquid	10/14/03	10/13/03	
53962-22	PIN15-0588-N001	Liquid	10/14/03	10/10/03	

Parameter	Units	Lab Sample IDs	
		53962-1	53962-22

Halogenated and Aromatic Volatiles (8021)			
Tetrachloroethene	ug/l	0.30J	0.31J
Toluene	ug/l	0.63J	
Trichloroethene	ug/l	0.41J	
o-Xylene	ug/l	0.25J	
Total Volatile Organic Aromatics	ug/l	0.88J	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-2	PIN12-0526-N001	Liquid	10/14/03	10/10/03 13:03	
53962-3	PIN12-S69B-N001	Liquid	10/14/03	10/10/03 13:49	
53962-4	PIN12-S69C-N001	Liquid	10/14/03	10/10/03 14:26	
53962-5	PIN12-S69D-N001	Liquid	10/14/03	10/10/03 15:00	
53962-6	PIN12-0514-N001	Liquid	10/14/03	10/13/03 08:50	

Parameter	Units	Lab Sample IDs				
		53962-2	53962-3	53962-4	53962-5	53962-6

Halogenated and Aromatic Volatiles (8021)

cis-1,2-Dichloroethene	ug/l	4.4			7.2
trans-1,2-Dichloroethene	ug/l	2.1			45
Vinyl chloride	ug/l	1.2			32
1,1-Dichloroethane	ug/l				11

Arsenic (6010)

Arsenic	mg/l		0.012		0.0037J
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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-7	PIN12-0513-N001	Liquid	10/14/03	10/13/03 09:12	
53962-8	PIN12-S68B-N001	Liquid	10/14/03	10/13/03 09:57	
53962-9	PIN12-S68C-N001	Liquid	10/14/03	10/13/03 10:39	
53962-10	PIN12-S68D-N001	Liquid	10/14/03	10/13/03 11:09	
53962-11	PIN12-0580-N001	Liquid	10/14/03	10/13/03	

Parameter	Units	Lab Sample IDs				
		53962-7	53962-8	53962-9	53962-10	53962-11
Halogenated and Aromatic Volatiles (8021)						
Chloroethane	ug/l	18			21	21
1,1-Dichloroethane	ug/l	1.2		2.2	2.0	2.0
trans-1,2-Dichloroethene	ug/l	1.5			3.4	3.0
Toluene	ug/l	2.3				
Vinyl chloride	ug/l	1.4		5.7	77	78
Total Volatile Organic						
Aromatics	ug/l	2.3			0.973	1.0
cis-1,2-Dichloroethene	ug/l			4.3	84	76
Benzene	ug/l				0.973	1.0
Arsenic (6010)						
Arsenic	mg/l	0.00393	0.065	0.00483		

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353962
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/20/2003
Sampled By: Client
Sample Received Date: 10/14/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353962
Date Received: 10/14/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0588-N001	B353962*1	Liquid	10/13/2003
PIN15-0588-N001	B353962*22	Liquid	10/10/2003
PIN12-0526-N001	B353962*2	Liquid	10/10/2003 13:03
PIN12-S69B-N001	B353962*3	Liquid	10/10/2003 13:49
PIN12-S69C-N001	B353962*4	Liquid	10/10/2003 14:26
PIN12-S69D-N001	B353962*5	Liquid	10/10/2003 15:00
PIN12-0514-N001	B353962*6	Liquid	10/13/2003 08:50
PIN12-0513-N001	B353962*7	Liquid	10/13/2003 09:12
PIN12-S68B-N001	B353962*8	Liquid	10/13/2003 09:57
PIN12-S68C-N001	B353962*9	Liquid	10/13/2003 10:39
PIN12-S68D-N001	B353962*10	Liquid	10/13/2003 11:09
PIN12-0580-N001	B353962*11	Liquid	10/13/2003

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-1	PIN15-0588-N001	Liquid	10/14/03	10/13/03	
53962-22	PIN15-0588-N001	Liquid	10/14/03	10/10/03	

Parameter	Units	Lab Sample IDs	
		53962-1	53962-22

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.00	1.00
Bromodichloromethane	ug/l	1.00	1.00
Bromoform	ug/l	5.00	5.00
Bromomethane (Methyl bromide)	ug/l	1.00	1.00
Carbon tetrachloride	ug/l	1.00	1.00
Chlorobenzene	ug/l	1.00	1.00
Chloroethane	ug/l	1.00	1.00
Chloroform	ug/l	1.00	1.00
Chloromethane	ug/l	1.00	1.00
Dibromochloromethane	ug/l	1.00	1.00
1,2-Dichlorobenzene	ug/l	1.00	1.00
1,3-Dichlorobenzene	ug/l	1.00	1.00
1,4-Dichlorobenzene	ug/l	1.00	1.00
Dichlorodifluoromethane	ug/l	1.00	1.00
1,1-Dichloroethane	ug/l	1.00	1.00
1,2-Dichloroethane	ug/l	1.00	1.00
1,1-Dichloroethene	ug/l	1.00	1.00
cis-1,2-Dichloroethene	ug/l	1.00	1.00
trans-1,2-Dichloroethene	ug/l	1.00	1.00
1,2-Dichloropropane	ug/l	1.00	1.00
cis-1,3-Dichloropropene	ug/l	1.00	1.00
trans-1,3-Dichloropropene	ug/l	1.00	1.00
Ethylbenzene	ug/l	1.00	1.00
Methylene chloride (Dichloromethane)	ug/l	5.00	5.00
1,1,2,2-Tetrachloroethane	ug/l	1.00	1.00
Tetrachloroethene	ug/l	0.30J	0.31J
Toluene	ug/l	0.63J	1.00
1,1,1-Trichloroethane	ug/l	1.00	1.00
1,1,2-Trichloroethane	ug/l	1.00	1.00
Trichloroethene	ug/l	0.41J	1.00
Trichlorofluoromethane	ug/l	1.00	1.00
Vinyl chloride	ug/l	1.00	1.00
o-Xylene	ug/l	0.25J	1.00
m&p-Xylene	ug/l	1.00	1.00

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-1	PIN15-0588-N001	Liquid	10/14/03	10/13/03	
53962-22	PIN15-0588-N001	Liquid	10/14/03	10/10/03	

Parameter	Units	Lab Sample IDs	
		53962-1	53962-22

Halogenated and Aromatic Volatiles (8021)

2-Chloroethylvinyl ether	ug/l	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U
Total Volatile Organic			
Aromatics	ug/l	0.88J	1.0U
Dilution Factor		1	1
Analysis Date		10/16/03	10/17/03
Analysis Time		21:23	20:24
Batch ID		1016A	1016A
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-2	PIN12-0526-N001	Liquid	10/14/03	10/10/03 13:03	
53962-3	PIN12-S69B-N001	Liquid	10/14/03	10/10/03 13:49	
53962-4	PIN12-S69C-N001	Liquid	10/14/03	10/10/03 14:26	
53962-5	PIN12-S69D-N001	Liquid	10/14/03	10/10/03 15:00	
53962-6	PIN12-0514-N001	Liquid	10/14/03	10/13/03 08:50	

Parameter	Units	Lab Sample IDs				
		53962-2	53962-3	53962-4	53962-5	53962-6

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	11
1,2-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	4.4	1.0U	1.0U	1.0U	7.2
trans-1,2-Dichloroethene	ug/l	2.1	1.0U	1.0U	1.0U	45
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Methylene chloride						
(Dichloromethane)	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Toluene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-2	PIN12-0526-N001	Liquid	10/14/03	10/10/03 13:03	
53962-3	PIN12-S69B-N001	Liquid	10/14/03	10/10/03 13:49	
53962-4	PIN12-S69C-N001	Liquid	10/14/03	10/10/03 14:26	
53962-5	PIN12-S69D-N001	Liquid	10/14/03	10/10/03 15:00	
53962-6	PIN12-0514-N001	Liquid	10/14/03	10/13/03 08:50	

Parameter	Units	Lab Sample IDs				
		53962-2	53962-3	53962-4	53962-5	53962-6

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.2	1.0U	1.0U	1.0U	32
o-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U	10U	10U
Total Volatile Organic						
Aromatics	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dilution Factor		1	1	1	1	1
Analysis Date		10/16/03	10/17/03	10/19/03	10/19/03	10/17/03
Analysis Time		22:03	02:02	00:01	00:41	04:02
Batch ID		1016A	1016A	1016E	1016A	1016A
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.010U	0.012	0.010U	0.010U	0.0037J
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		18:37	18:37	18:37	18:37	18:37
Analysis Date		10/20/03	10/20/03	10/20/03	10/20/03	10/20/03
Analysis Time		11:40	11:59	12:05	12:12	12:31
Batch ID		1014J	1014J	1014J	1014J	1014J
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-7	PIN12-0513-N001	Liquid	10/14/03	10/13/03 09:12	
53962-8	PIN12-S68B-N001	Liquid	10/14/03	10/13/03 09:57	
53962-9	PIN12-S68C-N001	Liquid	10/14/03	10/13/03 10:39	
53962-10	PIN12-S68D-N001	Liquid	10/14/03	10/13/03 11:09	
53962-11	PIN12-0580-N001	Liquid	10/14/03	10/13/03	

Parameter	Units	Lab Sample IDs				
		53962-7	53962-8	53962-9	53962-10	53962-11

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	1.0U	1.0U	0.97J	1.0
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroethane	ug/l	18	1.0U	1.0U	21	21
Chloroform	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.2	1.0U	2.2	2.0	2.0
1,2-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U	1.0U	4.3	84	76
trans-1,2-Dichloroethene	ug/l	1.5	1.0U	1.0U	3.4	3.0
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Toluene	ug/l	2.3	1.0U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-7	PIN12-0513-N001	Liquid	10/14/03	10/13/03 09:12	
53962-8	PIN12-S68B-N001	Liquid	10/14/03	10/13/03 09:57	
53962-9	PIN12-S68C-N001	Liquid	10/14/03	10/13/03 10:39	
53962-10	PIN12-S68D-N001	Liquid	10/14/03	10/13/03 11:09	
53962-11	PIN12-0580-N001	Liquid	10/14/03	10/13/03	

Parameter	Units	Lab Sample IDs				
		53962-7	53962-8	53962-9	53962-10	53962-11

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.4	1.0U	5.7	77	78
o-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U	10U	10U
Total Volatile Organic						
Aromatics	ug/l	2.3	1.0U	1.0U	0.97J	1.0
Dilution Factor		1	1	1	1	1
Analysis Date		10/19/03	10/17/03	10/17/03	10/17/03	10/17/03
Analysis Time		01:22	05:22	06:02	06:42	07:22
Batch ID		1016A	1016A	1016A	1016A	1016A
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.0039J	0.065	0.0048J	0.010U	0.010U
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		18:37	18:37	18:37	18:37	18:37
Analysis Date		10/20/03	10/20/03	10/20/03	10/20/03	10/20/03
Analysis Time		12:38	12:44	12:50	12:57	13:03
Batch ID		1014J	1014J	1014J	1014J	1014J
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-12	Method Blank	Liquid	10/14/03		
53962-13	LCS % Recovery	Liquid	10/14/03		
53962-14	LCSD % Recovery	Liquid	10/14/03		
53962-15	PIN12-S68B-N001-MS % Recovery	Liquid	10/14/03	10/13/03	
53962-16	PIN12-S68B-N001-MSD % Recovery	Liquid	10/14/03	10/13/03	

Parameter	Units	Lab Sample IDs				
		53962-12	53962-13	53962-14	53962-15	53962-16

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	84 %	69 %	74 %	88 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	98 %	73 %	88 %	66 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	120 %	84 %	100 %	88 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	83 %	68 %	73 %	86 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	110 %	85 %	100 %	78 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-12	Method Blank	Liquid	10/14/03		
53962-13	LCS % Recovery	Liquid	10/14/03		
53962-14	LCSD % Recovery	Liquid	10/14/03		
53962-15	PIN12-S68B-N001-MS % Recovery	Liquid	10/14/03	10/13/03	
53962-16	PIN12-S68B-N001-MSD % Recovery	Liquid	10/14/03	10/13/03	

Parameter	Units	Lab Sample IDs				
		53962-12	53962-13	53962-14	53962-15	53962-16

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U				
o-Xylene	ug/l	1.0U				
m&p-Xylene	ug/l	1.0U				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic						
Aromatics	ug/l	1.0U				
Dilution Factor		1	1	1	1	1
Analysis Date		10/16/03	10/16/03	10/16/03	10/18/03	10/18/03
Analysis Time		14:04	11:25	12:04	02:02	02:42
Batch ID		1016A	1016A	1016A	1016A	1016A
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53962-17	Method Blank	Liquid	10/14/03		
53962-18	LCS % Recovery	Liquid	10/14/03		
53962-19	LCSD % Recovery	Liquid	10/14/03		
53962-20	PIN12-0526-N001-MS % Recovery	Liquid	10/14/03	10/10/03	
53962-21	PIN12-0526-N001-MSD % Recovery	Liquid	10/14/03	10/10/03	

Parameter	Units	Lab Sample IDs				
		53962-17	53962-18	53962-19	53962-20	53962-21
Arsenic (6010)						
Arsenic	mg/l	0.010U	103 %	103 %	107 %	108 %
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		18:37	18:37	18:37	18:37	18:37
Analysis Date		10/20/03	10/20/03	10/20/03	10/20/03	10/20/03
Analysis Time		11:14	11:20	11:27	11:46	11:52
Batch ID		1014J	1014J	1014J	1014J	1014J
Quantitation Factor		1.000				

Method: EPA SW-846
DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl.com
Phone: (813) 885-7427
Fax: (813) 885-7449

RECEIVED
OCT 27 2003

Alternate Laboratory Name/Location

Phone:
Fax:

**SEVERN
TRENT**

STL

35 3962

PROJECT REFERENCE STAR CENTER	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1					
SAMPLET'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)	8021	ARSENIC	PRESERVATIVE	KCL	NH42											STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	DATE DUE _____
CLIENT (SITE) PM SULIAN CABALLERO	CLIENT PHONE 727-541-8103	CLIENT FAX 549-1121																	EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	DATE DUE _____
CLIENT NAME STOLLER	CLIENT E-MAIL																		NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1	
CLIENT ADDRESS 7887 BRIAN DAIRY RD. # 260 LARGO, FL.	COMPANY CONTRACTING THIS WORK (if applicable)																			

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS						
DATE	TIME							1	2	3	4	5	6	7	8	9	10		11	12				
10-10-03	1303	PIN12-0526-N001	G	✓				3	1															
	1349	PIN12-569B-N001	G	✓				3	1															
	1426	PIN12-569C-N001	G	✓				3	1															
10-10-03	1500	PIN12-569D-N001	G	✓				3	1															
10-13-03	—	PIN15-0588-N001	G	✓				3																
	0850	PIN12-0514-N001	G	✓				3	1															
	0912	PIN12-0513-N001	G	✓				3	1															
	0957	PIN12-568B-N001	G	✓				3	1															
	1039	PIN12-568C-N001	G	✓				3	1															
	1109	PIN12-568D-N001	G	✓				3	1															
	—	PIN12-0580-N001	G	✓				3	1															
10-10-03	—	PIN12-0588-N001 <i>per JC on 10-16-03</i>	G	✓				3																

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 9-30-03	TIME 1500	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-13-03	TIME 0700	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-13-03	TIME 1322
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-01-03	TIME 1100	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-13-03	TIME 0700	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-13-03	TIME 1322

RECEIVED FOR LABORATORY BY (SIGNATURE) <i>[Signature]</i>	DATE 10-13-03	TIME 1450	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. N/S	STL TAMPA LOG NO. B353962	LABORATORY REMARKS
--	-------------------------	---------------------	--	--------------------------------	-------------------------------------	--------------------

Case Narrative: STL Project B353963

Date: October 22, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center/Quarterly

Laboratory: STL Tampa

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OCT 28 2003

Analysis Requested: 8021, Arsenic, Chromium

Twenty-two liquid samples were received on October 13, 2003 and logged in as STL Project B353963.
The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B353963-1	PIN15-0557-N001	10.10.03
B353963-2	PIN15-0583-N001 <i>trip blank</i>	10.10.03
B353963-3	PIN15-M30D-N001	10.10.03
B353963-4	PIN15-M30S-N001	10.10.03
B353963-5	PIN15-M03S-N001	10.10.03
B353963-6	PIN15-M03D-N001	10.10.03
B353963-7	PIN15-0534-N001	10.13.03
B353963-8	PIN15-0520-N001	10.13.03
B353963-9	PIN15-0507-N001	10.13.03
B353963-10	PIN15-0506-N001	10.13.03
B353963-11	PIN15-M32D-N001	10.13.03
B353963-12	PIN15-M32S-N001	10.13.03
B353963-13	PIN18-0510-N001	10.11.03
B353963-14	PIN18-0506-N001	10.11.03
B353963-15	PIN18-0509-N001	10.11.03
B353963-16	PIN18-0505-N001	10.11.03
B353963-17	PIN18-0507-N001	10.11.03
B353963-18	PIN18-0503-N001	10.11.03
B353963-19	PIN18-0514-N001 <i>original</i>	10.11.03
B353963-20	PIN18-0650-N001 <i>duplicate</i>	10.11.03
B353963-21	PIN18-0515-N001	10.11.03
B353963-22	PIN18-0516-N001	10.11.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353963
SDG Number:
Client Project ID:
Project: Pinellas Star Center/Quarterly
Report Date: 10/22/2003
Sampled By: Client
Sample Received Date: 10/13/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353963
Date Received: 10/13/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center/Quarterly

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0557-N001	B353963*1	Liquid	10/10/2003 11:35
PIN15-0583-N001	B353963*2	Liquid	10/10/2003 13:00
PIN15-M30D-N001	B353963*3	Liquid	10/10/2003 14:40
PIN15-M30S-N001	B353963*4	Liquid	10/10/2003 15:00
PIN15-M03S-N001	B353963*5	Liquid	10/10/2003 13:45
PIN15-M03D-N001	B353963*6	Liquid	10/10/2003 14:08
PIN15-0534-N001	B353963*7	Liquid	10/13/2003 08:40
PIN15-0520-N001	B353963*8	Liquid	10/13/2003 09:05
PIN15-0507-N001	B353963*9	Liquid	10/13/2003 09:55
PIN15-0506-N001	B353963*10	Liquid	10/13/2003 10:15
PIN15-M32D-N001	B353963*11	Liquid	10/13/2003 10:42
PIN15-M32S-N001	B353963*12	Liquid	10/13/2003 11:25
PIN18-0510-N001	B353963*13	Liquid	10/11/2003 08:22
PIN18-0506-N001	B353963*14	Liquid	10/11/2003 08:45
PIN18-0509-N001	B353963*15	Liquid	10/11/2003 09:15
PIN18-0505-N001	B353963*16	Liquid	10/11/2003 09:45
PIN18-0507-N001	B353963*17	Liquid	10/11/2003 10:20
PIN18-0503-N001	B353963*18	Liquid	10/11/2003 10:50
PIN18-0514-N001	B353963*19	Liquid	10/11/2003 12:55
PIN18-0650-N001	B353963*20	Liquid	10/11/2003 09:00
PIN18-0515-N001	B353963*21	Liquid	10/11/2003 13:22
PIN18-0516-N001	B353963*22	Liquid	10/11/2003 13:40

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-1	PIN15-0557-N001	Liquid	10/13/03	10/10/03 11:35	
53963-2	PIN15-0583-N001	Liquid	10/13/03	10/10/03 13:00	
53963-3	PIN15-M30D-N001	Liquid	10/13/03	10/10/03 14:40	
53963-4	PIN15-M30S-N001	Liquid	10/13/03	10/10/03 15:00	

Parameter	Units	Lab Sample IDs			
		53963-1	53963-2	53963-3	53963-4
Halogenated and Aromatic Volatiles (8021)					
Trichlorofluoromethane	ug/l	2.2			
Vinyl chloride	ug/l	0.31J		390	
o-Xylene	ug/l	0.83J			
Total Volatile Organic Aromatics	ug/l	0.83J			

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-5	PIN15-M03S-N001	Liquid	10/13/03	10/10/03 13:45	
53963-6	PIN15-M03D-N001	Liquid	10/13/03	10/10/03 14:08	
53963-7	PIN15-0534-N001	Liquid	10/13/03	10/13/03 08:40	
53963-8	PIN15-0520-N001	Liquid	10/13/03	10/13/03 09:05	
53963-9	PIN15-0507-N001	Liquid	10/13/03	10/13/03 09:55	

Parameter	Units	Lab Sample IDs				
		53963-5	53963-6	53963-7	53963-8	53963-9
Arsenic (6010)						
Arsenic	mg/l	0.013				

Arsenic (6010)
Arsenic

mg/l 0.013

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-10	PIN15-0506-N001	Liquid	10/13/03	10/13/03 10:15	
53963-11	PIN15-M32D-N001	Liquid	10/13/03	10/13/03 10:42	
53963-12	PIN15-M32S-N001	Liquid	10/13/03	10/13/03 11:25	

Parameter	Units	Lab Sample IDs		
		53963-10	53963-11	53963-12
Arsenic (6010)				
Arsenic	mg/l			0.030

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-19	PIN18-0514-N001	Liquid	10/13/03	10/11/03 12:55	
53963-20	PIN18-0650-N001	Liquid	10/13/03	10/11/03 09:00	
53963-21	PIN18-0515-N001	Liquid	10/13/03	10/11/03 13:22	
53963-22	PIN18-0516-N001	Liquid	10/13/03	10/11/03 13:40	

Parameter	Units	Lab Sample IDs			
		53963-19	53963-20	53963-21	53963-22
Chromium (6010)					
Chromium	mg/l	0.011	0.012	0.015	

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353963
SDG Number:
Client Project ID:
Project: Pinellas Star Center/Quarterly
Report Date: 10/22/2003
Sampled By: Client
Sample Received Date: 10/13/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353963
Date Received: 10/13/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center/Quarterly

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0557-N001	B353963*1	Liquid	10/10/2003 11:35
PIN15-0583-N001	B353963*2	Liquid	10/10/2003 13:00
PIN15-M30D-N001	B353963*3	Liquid	10/10/2003 14:40
PIN15-M30S-N001	B353963*4	Liquid	10/10/2003 15:00
PIN15-M03S-N001	B353963*5	Liquid	10/10/2003 13:45
PIN15-M03D-N001	B353963*6	Liquid	10/10/2003 14:08
PIN15-0534-N001	B353963*7	Liquid	10/13/2003 08:40
PIN15-0520-N001	B353963*8	Liquid	10/13/2003 09:05
PIN15-0507-N001	B353963*9	Liquid	10/13/2003 09:55
PIN15-0506-N001	B353963*10	Liquid	10/13/2003 10:15
PIN15-M32D-N001	B353963*11	Liquid	10/13/2003 10:42
PIN15-M32S-N001	B353963*12	Liquid	10/13/2003 11:25
PIN18-0510-N001	B353963*13	Liquid	10/11/2003 08:22
PIN18-0506-N001	B353963*14	Liquid	10/11/2003 08:45
PIN18-0509-N001	B353963*15	Liquid	10/11/2003 09:15
PIN18-0505-N001	B353963*16	Liquid	10/11/2003 09:45
PIN18-0507-N001	B353963*17	Liquid	10/11/2003 10:20
PIN18-0503-N001	B353963*18	Liquid	10/11/2003 10:50
PIN18-0514-N001	B353963*19	Liquid	10/11/2003 12:55
PIN18-0650-N001	B353963*20	Liquid	10/11/2003 09:00
PIN18-0515-N001	B353963*21	Liquid	10/11/2003 13:22
PIN18-0516-N001	B353963*22	Liquid	10/11/2003 13:40

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-1	PIN15-0557-N001	Liquid	10/13/03	10/10/03 11:35	
53963-2	PIN15-0583-N001	Liquid	10/13/03	10/10/03 13:00	
53963-3	PIN15-M30D-N001	Liquid	10/13/03	10/10/03 14:40	
53963-4	PIN15-M30S-N001	Liquid	10/13/03	10/10/03 15:00	

Parameter	Units	Lab Sample IDs			
		53963-1	53963-2	53963-3	53963-4
Halogenated and Aromatic Volatiles (8021)					
Benzene	ug/l	1.0U	1.0U	5.0U	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U	5.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	25U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	5.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	5.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	5.0U	1.0U
Chloroethane	ug/l	1.0U	1.0U	5.0U	1.0U
Chloroform	ug/l	1.0U	1.0U	5.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U	5.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	5.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	5.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	5.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	5.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	5.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0U	5.0U	1.0U
1,2-Dichloroethane	ug/l	1.0U	1.0U	5.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	5.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U	1.0U	5.0U	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U	1.0U	5.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	1.0U	5.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	5.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	5.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	5.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	5.0U	5.0U	25U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	5.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	5.0U	1.0U
Toluene	ug/l	1.0U	1.0U	5.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	5.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	5.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U	5.0U	1.0U
Trichlorofluoromethane	ug/l	2.2	1.0U	5.0U	1.0U
Vinyl chloride	ug/l	0.31J	1.0U	390	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-1	PIN15-0557-N001	Liquid	10/13/03	10/10/03 11:35	
53963-2	PIN15-0583-N001	Liquid	10/13/03	10/10/03 13:00	
53963-3	PIN15-M30D-N001	Liquid	10/13/03	10/10/03 14:40	
53963-4	PIN15-M30S-N001	Liquid	10/13/03	10/10/03 15:00	

Parameter	Units	Lab Sample IDs			
		53963-1	53963-2	53963-3	53963-4

Halogenated and Aromatic Volatiles (8021)

o-Xylene	ug/l	0.833	1.00	5.00	1.00
m&p-Xylene	ug/l	1.00	1.00	5.00	1.00
2-Chloroethylvinyl ether	ug/l	10U	10U	50U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	50U	10U
Total Volatile Organic					
Aromatics	ug/l	0.833	1.00	5.00	1.00
Dilution Factor		1	1	5	1
Analysis Date		10/16/03	10/16/03	10/17/03	10/16/03
Analysis Time		18:25	19:04	12:37	20:22
Batch ID		1016B	1016B	1016B	1016B
Quantitation Factor		1.000	1.000	5.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-5	PIN15-M03S-N001	Liquid	10/13/03	10/10/03 13:45	
53963-6	PIN15-M03D-N001	Liquid	10/13/03	10/10/03 14:08	
53963-7	PIN15-0534-N001	Liquid	10/13/03	10/13/03 08:40	
53963-8	PIN15-0520-N001	Liquid	10/13/03	10/13/03 09:05	
53963-9	PIN15-0507-N001	Liquid	10/13/03	10/13/03 09:55	

Parameter	Units	Lab Sample IDs				
		53963-5	53963-6	53963-7	53963-8	53963-9

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Methylene chloride						
(Dichloromethane)	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Toluene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-5	PIN15-M03S-N001	Liquid	10/13/03	10/10/03 13:45	
53963-6	PIN15-M03D-N001	Liquid	10/13/03	10/10/03 14:08	
53963-7	PIN15-0534-N001	Liquid	10/13/03	10/13/03 08:40	
53963-8	PIN15-0520-N001	Liquid	10/13/03	10/13/03 09:05	
53963-9	PIN15-0507-N001	Liquid	10/13/03	10/13/03 09:55	

Parameter	Units	Lab Sample IDs				
		53963-5	53963-6	53963-7	53963-8	53963-9

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
o-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U	10U	10U
Total Volatile Organic						
Aromatics	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dilution Factor		1	1	1	1	1
Analysis Date		10/16/03	10/16/03	10/17/03	10/17/03	10/17/03
Analysis Time		21:01	21:40	13:16	01:35	02:14
Batch ID		1016B	1016B	1016B	1016B	1016B
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.013	0.010U	0.010U	0.010U	0.010U
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		17:49	17:49	17:49	17:49	17:49
Analysis Date		10/17/03	10/21/03	10/21/03	10/21/03	10/21/03
Analysis Time		13:58	14:05	14:11	14:15	14:20
Batch ID		1014I	1014I	1014I	1014I	1014I
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-10	PIN15-0506-N001	Liquid	10/13/03	10/13/03 10:15	
53963-11	PIN15-M32D-N001	Liquid	10/13/03	10/13/03 10:42	
53963-12	PIN15-M32S-N001	Liquid	10/13/03	10/13/03 11:25	

Parameter	Units	Lab Sample IDs		
		53963-10	53963-11	53963-12

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U
Chloroethane	ug/l	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U
Toluene	ug/l	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U
Vinyl chloride	ug/l	1.0U	1.0U	1.0U
o-Xylene	ug/l	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-10	PIN15-0506-N001	Liquid	10/13/03	10/13/03 10:15	
53963-11	PIN15-M32D-N001	Liquid	10/13/03	10/13/03 10:42	
53963-12	PIN15-M32S-N001	Liquid	10/13/03	10/13/03 11:25	

Parameter	Units	Lab Sample IDs		
		53963-10	53963-11	53963-12

Halogenated and Aromatic Volatiles (8021)

m&p-Xylene	ug/l	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U
Total Volatile Organic				
Aromatics	ug/l	1.0U	1.0U	1.0U
Dilution Factor		1	1	1
Analysis Date		10/17/03	10/17/03	10/17/03
Analysis Time		02:54	03:33	04:12
Batch ID		1016B	1016B	1016B
Quantitation Factor		1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.010U	0.010U	0.030
Dilution Factor		1	1	1
Prep Date		10/14/03	10/14/03	10/14/03
Prep Time		17:49	17:49	17:49
Analysis Date		10/21/03	10/21/03	10/21/03
Analysis Time		14:25	14:39	14:44
Batch ID		1014I	1014I	1014I
Quantitation Factor		1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-13	PIN18-0510-N001	Liquid	10/13/03	10/11/03 08:22	
53963-14	PIN18-0506-N001	Liquid	10/13/03	10/11/03 08:45	
53963-15	PIN18-0509-N001	Liquid	10/13/03	10/11/03 09:15	
53963-16	PIN18-0505-N001	Liquid	10/13/03	10/11/03 09:45	
53963-17	PIN18-0507-N001	Liquid	10/13/03	10/11/03 10:20	

Parameter	Units	Lab Sample IDs				
		53963-13	53963-14	53963-15	53963-16	53963-17

Arsenic (6010)

Arsenic	mg/l	0.010U	0.010U	0.010U	0.010U	0.010U
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		17:49	17:49	17:49	17:49	17:49
Analysis Date		10/21/03	10/21/03	10/21/03	10/21/03	10/21/03
Analysis Time		14:48	14:53	14:58	15:02	15:07
Batch ID		1014I	1014I	1014I	1014I	1014I
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Chromium (6010)

Chromium	mg/l	0.010U	0.010U	0.010U	0.010U	0.010U
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		17:49	17:49	17:49	17:49	17:49
Analysis Date		10/21/03	10/21/03	10/21/03	10/21/03	10/21/03
Analysis Time		14:48	14:53	14:58	15:02	15:07
Batch ID		1014I	1014I	1014I	1014I	1014I
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-18	PIN18-0503-N001	Liquid	10/13/03	10/11/03 10:50	

Parameter	Units	Lab Sample IDs
		53963-18

Arsenic (6010)

Arsenic	mg/l	0.010U
Dilution Factor		1
Prep Date		10/14/03
Prep Time		17:49
Analysis Date		10/21/03
Analysis Time		15:24
Batch ID		1014I
Quantitation Factor		1.000

Chromium (6010)

Chromium	mg/l	0.010U
Dilution Factor		1
Prep Date		10/14/03
Prep Time		17:49
Analysis Date		10/21/03
Analysis Time		15:24
Batch ID		1014I
Quantitation Factor		1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-19	PIN18-0514-N001	Liquid	10/13/03	10/11/03 12:55	
53963-20	PIN18-0650-N001	Liquid	10/13/03	10/11/03 09:00	
53963-21	PIN18-0515-N001	Liquid	10/13/03	10/11/03 13:22	
53963-22	PIN18-0516-N001	Liquid	10/13/03	10/11/03 13:40	

Parameter	Units	Lab Sample IDs			
		53963-19	53963-20	53963-21	53963-22

Chromium (6010)

Parameter	Units	53963-19	53963-20	53963-21	53963-22
Chromium	mg/l	0.011	0.012	0.015	0.010U
Dilution Factor		1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		17:49	17:49	17:49	17:49
Analysis Date		10/21/03	10/21/03	10/21/03	10/21/03
Analysis Time		15:29	15:34	15:48	15:52
Batch ID		1014I	1014I	1014I	1014I
Quantitation Factor		1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-23	Method Blank	Liquid	10/13/03		
53963-24	LCS % Recovery	Liquid	10/13/03		
53963-25	LCS D % Recovery	Liquid	10/13/03		
53963-26	PIN15-M30S-N001-MS % Recovery	Liquid	10/13/03	10/10/02	
53963-27	PIN15-M30S-N001-MSD % Recovery	Liquid	10/13/03	10/10/03	

Parameter	Units	Lab Sample IDs				
		53963-23	53963-24	53963-25	53963-26	53963-27

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	88 %	87 %	83 %	80 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	70 %	65 %	56 %	62 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	89 %	90 %	77 %	88 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	82 %	79 %	72 %	72 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	78 %	77 %	69 %	73 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-23	Method Blank	Liquid	10/13/03		
53963-24	LCS % Recovery	Liquid	10/13/03		
53963-25	LCS % Recovery	Liquid	10/13/03		
53963-26	PIN15-M30S-N001-MS % Recovery	Liquid	10/13/03	10/10/02	
53963-27	PIN15-M30S-N001-MSD % Recovery	Liquid	10/13/03	10/10/03	

Parameter	Units	Lab Sample IDs				
		53963-23	53963-24	53963-25	53963-26	53963-27
Halogenated and Aromatic Volatiles (8021)						
Vinyl chloride	ug/l	1.0U				
o-Xylene	ug/l	1.0U				
m&p-Xylene	ug/l	1.0U				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic						
Aromatics	ug/l	1.0U				
Dilution Factor		1	1	1	1	1
Analysis Date		10/16/03	10/16/03	10/16/03	10/17/03	10/17/03
Analysis Time		13:12	11:15	23:37	15:52	16:31
Batch ID		1016B	1016B	1016B	1016B	1016B
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53963-28	Method Blank	Liquid	10/13/03		
53963-29	LCS % Recovery	Liquid	10/13/03		
53963-30	LCSD % Recovery	Liquid	10/13/03		
53963-31	PIN15-M03S-N001-MS % Recovery	Liquid	10/13/03	10/10/03	
53963-32	PIN15-M03S-N001-MSD % Recovery	Liquid	10/13/03	10/10/03	

Parameter	Units	Lab Sample IDs				
		53963-28	53963-29	53963-30	53963-31	53963-32

Arsenic (6010)

Arsenic	mg/l	0.010U	101 %	100 %	102 %	102 %
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		17:49	17:49	17:49	17:49	17:49
Analysis Date		10/17/03	10/17/03	10/17/03	10/17/03	10/17/03
Analysis Time		12:54	13:40	13:46	14:05	14:11
Batch ID		1014I	1014I	1014I	1014I	1014I
Quantitation Factor		1.000				

Chromium (6010)

Chromium	mg/l	0.010U	100 %	99 %	98 %	98 %
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		17:49	17:49	17:49	17:49	17:49
Analysis Date		10/17/03	10/17/03	10/17/03	10/17/03	10/17/03
Analysis Time		12:54	13:40	13:46	14:05	14:11
Batch ID		1014I	1014I	1014I	1014I	1014I
Quantitation Factor		1.000				

Method: EPA SW-846
DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Case Narrative: STL Project B353979

Date: October 23, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

Laboratory: STL Tampa

RECEIVED

OCT 28 2003

Analysis Requested: 8021, Arsenic, Chromium

Twelve liquid samples were received on October 14, 2003 and logged in as STL Project B353979. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B353979-1	PIN15-0590-N001 <i>trip blank</i>	10.13.03
B353979-2	PIN12-0525-N001	10.13.03
B353979-3	PIN12-0524-N001	10.13.03
B353979-4	PIN12-0517-N001	10.13.03
B353979-5	PIN12-0518-N001	10.13.03
B353979-6	PIN21-0504-N001	10.13.03
B353979-7	PIN21-0505-N001	10.13.03
B353979-8	PIN18-0502-N001	10.14.03
B353979-9	PIN18-0504-N001	10.14.03
B353979-10	PIN18-0508-N001	10.14.03
B353979-11	PIN18-0523-N001	10.14.03
B353979-12	PIN18-0524-N001	10.14.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353979
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/23/2003
Sampled By: Client
Sample Received Date: 10/14/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353979
Date Received: 10/14/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0590-N001	B353979*1	Liquid	10/13/2003
PIN12-0525-N001	B353979*2	Liquid	10/13/2003 13:46
PIN12-0524-N001	B353979*3	Liquid	10/13/2003 14:14
PIN12-0517-N001	B353979*4	Liquid	10/13/2003 14:45
PIN12-0518-N001	B353979*5	Liquid	10/13/2003 15:11
PIN21-0504-N001	B353979*6	Liquid	10/13/2003 15:39
PIN21-0505-N001	B353979*7	Liquid	10/13/2003 16:03
PIN18-0502-N001	B353979*8	Liquid	10/14/2003 08:40
PIN18-0504-N001	B353979*9	Liquid	10/14/2003 09:15
PIN18-0508-N001	B353979*10	Liquid	10/14/2003 09:45
PIN18-0523-N001	B353979*11	Liquid	10/14/2003 10:15
PIN18-0524-N001	B353979*12	Liquid	10/14/2003 10:40

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-1	PIN15-0590-N001	Liquid	10/14/03	10/13/03	

Parameter	Units	53979-1	Lab Sample IDs
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Halogenated and Aromatic Volatiles (8021)

Methylene chloride			
(Dichloromethane)	ug/l	0.46J	
o-Xylene	ug/l	0.84J	
Total Volatile Organic			
Aromatics	ug/l	0.84J	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-2	PIN12-0525-N001	Liquid	10/14/03	10/13/03 13:46	
53979-3	PIN12-0524-N001	Liquid	10/14/03	10/13/03 14:14	
53979-4	PIN12-0517-N001	Liquid	10/14/03	10/13/03 14:45	
53979-5	PIN12-0518-N001	Liquid	10/14/03	10/13/03 15:11	
53979-6	PIN21-0504-N001	Liquid	10/14/03	10/13/03 15:39	

Parameter	Units	Lab Sample IDs				
		53979-2	53979-3	53979-4	53979-5	53979-6

Halogenated and Aromatic Volatiles (8021)

cis-1,2-Dichloroethene	ug/l	0.48J	6900		
Trichloroethene	ug/l		230		
Vinyl chloride	ug/l		400		

Arsenic (6010)

Arsenic	mg/l	0.028			0.0063J
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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-8	PIN18-0502-N001	Liquid	10/14/03	10/14/03 08:40	
53979-9	PIN18-0504-N001	Liquid	10/14/03	10/14/03 09:15	
53979-10	PIN18-0508-N001	Liquid	10/14/03	10/14/03 09:45	
53979-11	PIN18-0523-N001	Liquid	10/14/03	10/14/03 10:15	
53979-12	PIN18-0524-N001	Liquid	10/14/03	10/14/03 10:40	

Parameter	Units	Lab Sample IDs				
		53979-8	53979-9	53979-10	53979-11	53979-12
Arsenic (6010)						
Arsenic	mg/l	0.084				0.026

Method: EPA SW-846
DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B353979
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/23/2003
Sampled By: Client
Sample Received Date: 10/14/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353979
Date Received: 10/14/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0590-N001	B353979*1	Liquid	10/13/2003
PIN12-0525-N001	B353979*2	Liquid	10/13/2003 13:46
PIN12-0524-N001	B353979*3	Liquid	10/13/2003 14:14
PIN12-0517-N001	B353979*4	Liquid	10/13/2003 14:45
PIN12-0518-N001	B353979*5	Liquid	10/13/2003 15:11
PIN21-0504-N001	B353979*6	Liquid	10/13/2003 15:39
PIN21-0505-N001	B353979*7	Liquid	10/13/2003 16:03
PIN18-0502-N001	B353979*8	Liquid	10/14/2003 08:40
PIN18-0504-N001	B353979*9	Liquid	10/14/2003 09:15
PIN18-0508-N001	B353979*10	Liquid	10/14/2003 09:45
PIN18-0523-N001	B353979*11	Liquid	10/14/2003 10:15
PIN18-0524-N001	B353979*12	Liquid	10/14/2003 10:40

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-1	PIN15-0590-N001	Liquid	10/14/03	10/13/03	

Parameter	Units	Lab Sample IDs
		53979-1

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U
Bromodichloromethane	ug/l	1.0U
Bromoform	ug/l	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U
Carbon tetrachloride	ug/l	1.0U
Chlorobenzene	ug/l	1.0U
Chloroethane	ug/l	1.0U
Chloroform	ug/l	1.0U
Chloromethane	ug/l	1.0U
Dibromochloromethane	ug/l	1.0U
1,2-Dichlorobenzene	ug/l	1.0U
1,3-Dichlorobenzene	ug/l	1.0U
1,4-Dichlorobenzene	ug/l	1.0U
Dichlorodifluoromethane	ug/l	1.0U
1,1-Dichloroethane	ug/l	1.0U
1,2-Dichloroethane	ug/l	1.0U
1,1-Dichloroethene	ug/l	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U
1,2-Dichloropropane	ug/l	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U
Ethylbenzene	ug/l	1.0U
Methylene chloride (Dichloromethane)	ug/l	0.46J
1,1,2,2-Tetrachloroethane	ug/l	1.0U
Tetrachloroethene	ug/l	1.0U
Toluene	ug/l	1.0U
1,1,1-Trichloroethane	ug/l	1.0U
1,1,2-Trichloroethane	ug/l	1.0U
Trichloroethene	ug/l	1.0U
Trichlorofluoromethane	ug/l	1.0U
Vinyl chloride	ug/l	1.0U
o-Xylene	ug/l	0.84J
m&p-Xylene	ug/l	1.0U
2-Chloroethylvinyl ether	ug/l	10U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-1	PIN15-0590-N001	Liquid	10/14/03	10/13/03	

Parameter	Units	Lab Sample IDs
		53979-1

Halogenated and Aromatic Volatiles (8021)

Methyl Tert Butyl Ether (MTBE)	ug/l	10U
Total Volatile Organic		
Aromatics	ug/l	0.84J
Dilution Factor		1
Analysis Date		10/17/03
Analysis Time		17:10
Batch ID		1017B
Quantitation Factor		1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-2	PIN12-0525-N001	Liquid	10/14/03	10/13/03 13:46	
53979-3	PIN12-0524-N001	Liquid	10/14/03	10/13/03 14:14	
53979-4	PIN12-0517-N001	Liquid	10/14/03	10/13/03 14:45	
53979-5	PIN12-0518-N001	Liquid	10/14/03	10/13/03 15:11	
53979-6	PIN21-0504-N001	Liquid	10/14/03	10/13/03 15:39	

Parameter	Units	Lab Sample IDs				
		53979-2	53979-3	53979-4	53979-5	53979-6

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	500U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Chloroethane	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	100U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	100U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	100U	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	1.0U	100U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	0.48J	6900	1.0U	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	100U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Methylene chloride						
(Dichloromethane)	ug/l	5.0U	500U	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Toluene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	100U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	230	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	100U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-2	PIN12-0525-N001	Liquid	10/14/03	10/13/03 13:46	
53979-3	PIN12-0524-N001	Liquid	10/14/03	10/13/03 14:14	
53979-4	PIN12-0517-N001	Liquid	10/14/03	10/13/03 14:45	
53979-5	PIN12-0518-N001	Liquid	10/14/03	10/13/03 15:11	
53979-6	PIN21-0504-N001	Liquid	10/14/03	10/13/03 15:39	

Parameter	Units	Lab Sample IDs				
		53979-2	53979-3	53979-4	53979-5	53979-6

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U	400	1.0U	1.0U	1.0U
o-Xylene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	1.0U	100U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	1000U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	1000U	10U	10U	10U
Total Volatile Organic						
Aromatics	ug/l	1.0U	100U	1.0U	1.0U	1.0U
Dilution Factor		1	100	1	1	1
Analysis Date		10/17/03	10/17/03	10/17/03	10/17/03	10/17/03
Analysis Time		17:49	18:28	19:07	19:46	20:25
Batch ID		1017B	1017B	1017B	1017B	1017B
Quantitation Factor		1.000	100.0	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.028	0.010U	0.010U	0.010U	0.0063J
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		19:06	19:06	19:06	19:06	19:06
Analysis Date		10/22/03	10/22/03	10/22/03	10/22/03	10/22/03
Analysis Time		14:30	15:02	15:09	15:15	15:22
Batch ID		1014K	1014K	1014K	1014K	1014K
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-7	PIN21-0505-N001	Liquid	10/14/03	10/13/03 16:03	

Parameter	Units	Lab Sample IDs
		53979-7

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U
Bromodichloromethane	ug/l	1.0U
Bromoform	ug/l	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U
Carbon tetrachloride	ug/l	1.0U
Chlorobenzene	ug/l	1.0U
Chloroethane	ug/l	1.0U
Chloroform	ug/l	1.0U
Chloromethane	ug/l	1.0U
Dibromochloromethane	ug/l	1.0U
1,2-Dichlorobenzene	ug/l	1.0U
1,3-Dichlorobenzene	ug/l	1.0U
1,4-Dichlorobenzene	ug/l	1.0U
Dichlorodifluoromethane	ug/l	1.0U
1,1-Dichloroethane	ug/l	1.0U
1,2-Dichloroethane	ug/l	1.0U
1,1-Dichloroethene	ug/l	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U
1,2-Dichloropropane	ug/l	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U
Ethylbenzene	ug/l	1.0U
Methylene chloride (Dichloromethane)	ug/l	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U
Tetrachloroethene	ug/l	1.0U
Toluene	ug/l	1.0U
1,1,1-Trichloroethane	ug/l	1.0U
1,1,2-Trichloroethane	ug/l	1.0U
Trichloroethene	ug/l	1.0U
Trichlorofluoromethane	ug/l	1.0U
Vinyl chloride	ug/l	1.0U
o-Xylene	ug/l	1.0U
m&p-Xylene	ug/l	1.0U
2-Chloroethylvinyl ether	ug/l	10U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-7	PIN21-0505-N001	Liquid	10/14/03	10/13/03 16:03	

Parameter	Units	Lab Sample IDs
		53979-7

Halogenated and Aromatic Volatiles (8021)

Methyl Tert Butyl Ether (MTBE)	ug/l	10U
Total Volatile Organic		
Aromatics	ug/l	1.0U
Dilution Factor		1
Analysis Date		10/17/03
Analysis Time		21:04
Batch ID		1017B
Quantitation Factor		1.000

Arsenic (6010)

Arsenic	mg/l	0.010U
Dilution Factor		1
Prep Date		10/14/03
Prep Time		19:06
Analysis Date		10/22/03
Analysis Time		15:28
Batch ID		1014K
Quantitation Factor		1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-8	PIN18-0502-N001	Liquid	10/14/03	10/14/03 08:40	
53979-9	PIN18-0504-N001	Liquid	10/14/03	10/14/03 09:15	
53979-10	PIN18-0508-N001	Liquid	10/14/03	10/14/03 09:45	
53979-11	PIN18-0523-N001	Liquid	10/14/03	10/14/03 10:15	
53979-12	PIN18-0524-N001	Liquid	10/14/03	10/14/03 10:40	

Parameter	Units	Lab Sample IDs				
		53979-8	53979-9	53979-10	53979-11	53979-12
Arsenic (6010)						
Arsenic	mg/l	0.084	0.010U	0.010U	0.010U	0.026
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		19:06	19:06	19:06	19:06	19:06
Analysis Date		10/22/03	10/22/03	10/22/03	10/22/03	10/22/03
Analysis Time		15:35	15:41	15:48	16:07	16:14
Batch ID		1014K	1014K	1014K	1014K	1014K
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Chromium (6010)						
Chromium	mg/l	0.010U	0.010U	0.010U	0.010U	0.010U
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		19:06	19:06	19:06	19:06	19:06
Analysis Date		10/22/03	10/22/03	10/22/03	10/22/03	10/22/03
Analysis Time		15:35	15:41	15:48	16:07	16:14
Batch ID		1014K	1014K	1014K	1014K	1014K
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-13	Method Blank	Liquid	10/14/03		
53979-14	LCS % Recovery	Liquid	10/14/03		
53979-15	LCSD % Recovery	Liquid	10/14/03		
53979-16	PIN12-0517-N001-MS % Recovery	Liquid	10/14/03	10/13/03	
53979-17	PIN12-0517-N001-MSD % Recovery	Liquid	10/14/03	10/13/03	

Parameter	Units	Lab Sample IDs				
		53979-13	53979-14	53979-15	53979-16	53979-17

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	90 %	77 %	110 %	100 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	66 %	63 %	85 %	85 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	82 %	81 %	120 %	110 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	91 %	72 %	100 %	100 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	77 %	74 %	86 %	84 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-13	Method Blank	Liquid	10/14/03		
53979-14	LCS % Recovery	Liquid	10/14/03		
53979-15	LCSD % Recovery	Liquid	10/14/03		
53979-16	PIN12-0517-N001-MS % Recovery	Liquid	10/14/03	10/13/03	
53979-17	PIN12-0517-N001-MSD % Recovery	Liquid	10/14/03	10/13/03	

Parameter	Units	Lab Sample IDs				
		53979-13	53979-14	53979-15	53979-16	53979-17

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.00				
o-Xylene	ug/l	1.00				
m&p-Xylene	ug/l	1.00				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic Aromatics	ug/l	1.00				
Dilution Factor		1	1	1	1	1
Analysis Date		10/17/03	10/17/03	10/17/03	10/21/03	10/21/03
Analysis Time		11:58	10:01	22:23	13:47	14:26
Batch ID		1017B	1017B	1017B	1017B	1017B
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53979-18	Method Blank	Liquid	10/14/03		
53979-19	LCS % Recovery	Liquid	10/14/03		
53979-20	LCSD % Recovery	Liquid	10/14/03		
53979-21	PIN12-0525-N001-MS % Recovery	Liquid	10/14/03	10/13/03	
53979-22	PIN12-0525-N001-MSD % Recovery	Liquid	10/14/03	10/13/03	

Parameter	Units	Lab Sample IDs				
		53979-18	53979-19	53979-20	53979-21	53979-22
Arsenic (6010)						
Arsenic	mg/l	0.010U	99 %	100 %	101 %	102 %
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		19:06	19:06	19:06	19:06	19:06
Analysis Date		10/22/03	10/22/03	10/22/03	10/22/03	10/22/03
Analysis Time		14:04	14:10	14:17	14:49	14:56
Batch ID		1014K	1014K	1014K	1014K	1014K
Quantitation Factor		1.000				

Chromium (6010)						
Chromium	mg/l	0.010U	95 %	97 %	95 %	95 %
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		19:06	19:06	19:06	19:06	19:06
Analysis Date		10/22/03	10/22/03	10/22/03	10/22/03	10/22/03
Analysis Time		14:04	14:10	14:17	14:49	14:56
Batch ID		1014K	1014K	1014K	1014K	1014K
Quantitation Factor		1.000				

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

SEVERN
TRENT

STL

B353979

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1								
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)	HCl	HNO3	HNO3	PRESERVATIVE	Vols - 8oz	Arsenic	As + Cr												STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	DATE DUE _____
CLIENT (SITE) PM Julian Caballero	CLIENT PHONE 727-541-8103	CLIENT FAX 549-1121																				EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	DATE DUE _____
CLIENT NAME S.M. Stoller	CLIENT E-MAIL																					NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	
CLIENT ADDRESS 7887 Bryan Dairy Rd. Site 260, Largo, FL	COMPANY CONTRACTING THIS WORK (if applicable)																						

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS				
DATE	TIME							1	2	3	4	5	6	7	8	9	10		11	12		
10-13-03	—	PIN15-0590-N001	G	✓				3														
	1346	PIN12-0525-N001	G	✓				3	1													
	1414	PIN12-0524-N001	G	✓				3	1													
	1445	PIN12-0517-N001	G	✓				3	1													
	1511	PIN12-0518-N001	G	✓				3	1													
	1539	PIN21-0504-N001	G	✓				3	1													
	1603	PIN21-0505-N001	G	✓				3	1													
10/14/03	0840	PIN18-0502-N001	G	✓						1												
	0915	PIN18-0504-N001	G	✓						1												
	0945	PIN18-0508-N001	G	✓						1												
	1015	PIN18-0523-N001	G	✓						1												
	1040	PIN18-0524-N001	G	✓						1												

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 9-30-03	TIME 1800	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-14-03	TIME 1335	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-01-03	TIME 1100	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-14-03	TIME 1335	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-14-03	TIME 1455	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. N/S	STL TAMPA LOG NO. B353979	LABORATORY REMARKS
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Case Narrative: STL Project B353980

Date: October 20, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

Laboratory: STL Tampa

Analysis Requested: 8021, Arsenic

Twelve liquid samples were received on October 14, 2003 and logged in as STL Project B353980. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B353980-1	PIN15-0585-N001 <i>trip blank</i>	10.13.03
B353980-2	PIN15-0538-N001	10.13.03
B353980-3	PIN15-M17S-N001	10.13.03
B353980-4	PIN15-0537-N001	10.13.03
B353980-5	PIN15-M27S-N001	10.13.03
B353980-6	PIN15-M27D-N001 <i>original</i>	10.13.03
B353980-7	PIN15-0581-N001 <i>duplicate</i>	10.13.03
B353980-8	PIN15-0535-N001	10.14.03
B353980-9	PIN15-0530-N001	10.14.03
B353980-10	PIN15-0514-N001	10.14.03
B353980-11	PIN15-0515-N001	10.14.03
B353980-12	PIN15-0516-N001	10.14.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B353980
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/20/2003
Sampled By: Client
Sample Received Date: 10/14/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353980
Date Received: 10/14/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0585-N001	B353980*1	Liquid	10/13/2003 12:00
PIN15-0538-N001	B353980*2	Liquid	10/13/2003 14:55
PIN15-M17S-N001	B353980*3	Liquid	10/13/2003 15:35
PIN15-0537-N001	B353980*4	Liquid	10/13/2003 14:00
PIN15-M27S-N001	B353980*5	Liquid	10/13/2003 16:00
PIN15-M27D-N001	B353980*6	Liquid	10/13/2003 16:30
PIN15-0581-N001	B353980*7	Liquid	10/13/2003 14:00
PIN15-0535-N001	B353980*8	Liquid	10/14/2003 09:05
PIN15-0530-N001	B353980*9	Liquid	10/14/2003 09:30
PIN15-0514-N001	B353980*10	Liquid	10/14/2003 10:00
PIN15-0515-N001	B353980*11	Liquid	10/14/2003 10:20
PIN15-0516-N001	B353980*12	Liquid	10/14/2003 10:50

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-1	PIN15-0585-N001	Liquid	10/14/03	10/13/03 12:00	
53980-2	PIN15-0538-N001	Liquid	10/14/03	10/13/03 14:55	

Parameter	Units	Lab Sample IDs	
		53980-1	53980-2

Halogenated and Aromatic Volatiles (8021)

Methylene chloride (Dichloromethane)	ug/l	2.0J	
cis-1,2-Dichloroethene	ug/l		1800
Toluene	ug/l		230J
Vinyl chloride	ug/l		26000
Total Volatile Organic Aromatics	ug/l		230J

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-3	PIN15-M17S-N001	Liquid	10/14/03	10/13/03 15:35	

Parameter	Units	53980-3	Lab Sample IDs
Arsenic (6010)			
Arsenic	mg/l	0.011	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-4	PIN15-0537-N001	Liquid	10/14/03	10/13/03 14:00	
53980-5	PIN15-M27S-N001	Liquid	10/14/03	10/13/03 16:00	
53980-6	PIN15-M27D-N001	Liquid	10/14/03	10/13/03 16:30	
53980-7	PIN15-0581-N001	Liquid	10/14/03	10/13/03 14:00	
53980-8	PIN15-0535-N001	Liquid	10/14/03	10/14/03 09:05	

Parameter	Units	Lab Sample IDs				
		53980-4	53980-5	53980-6	53980-7	53980-8
Halogenated and Aromatic Volatiles (8021)						
Benzene	ug/l	8.0		4.8	4.9	3.5
cis-1,2-Dichloroethene	ug/l	7.2				
Vinyl chloride	ug/l	76				
Total Volatile Organic Aromatics	ug/l	8.0		4.8	4.9	3.5
Arsenic (6010)						
Arsenic	mg/l		0.0099J			

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-9	PIN15-0530-N001	Liquid	10/14/03	10/14/03 09:30	
53980-10	PIN15-0514-N001	Liquid	10/14/03	10/14/03 10:00	
53980-11	PIN15-0515-N001	Liquid	10/14/03	10/14/03 10:20	
53980-12	PIN15-0516-N001	Liquid	10/14/03	10/14/03 10:50	

Parameter	Units	Lab Sample IDs			
		53980-9	53980-10	53980-11	53980-12

Halogenated and Aromatic Volatiles (8021)

1,1,2-Trichloroethane	ug/l	0.82J			
Benzene	ug/l		7.9		
Total Volatile Organic Aromatics	ug/l		7.9		

Arsenic (6010)

Arsenic	mg/l	0.015		0.0069J	0.0046J
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Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

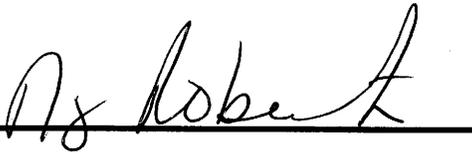
J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B353980
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/20/2003
Sampled By: Client
Sample Received Date: 10/14/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B353980
Date Received: 10/14/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0585-N001	B353980*1	Liquid	10/13/2003 12:00
PIN15-0538-N001	B353980*2	Liquid	10/13/2003 14:55
PIN15-M17S-N001	B353980*3	Liquid	10/13/2003 15:35
PIN15-0537-N001	B353980*4	Liquid	10/13/2003 14:00
PIN15-M27S-N001	B353980*5	Liquid	10/13/2003 16:00
PIN15-M27D-N001	B353980*6	Liquid	10/13/2003 16:30
PIN15-0581-N001	B353980*7	Liquid	10/13/2003 14:00
PIN15-0535-N001	B353980*8	Liquid	10/14/2003 09:05
PIN15-0530-N001	B353980*9	Liquid	10/14/2003 09:30
PIN15-0514-N001	B353980*10	Liquid	10/14/2003 10:00
PIN15-0515-N001	B353980*11	Liquid	10/14/2003 10:20
PIN15-0516-N001	B353980*12	Liquid	10/14/2003 10:50

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-1	PIN15-0585-N001	Liquid	10/14/03	10/13/03 12:00	
53980-2	PIN15-0538-N001	Liquid	10/14/03	10/13/03 14:55	

Parameter	Units	Lab Sample IDs	
		53980-1	53980-2

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	250U
Bromodichloromethane	ug/l	1.0U	250U
Bromoform	ug/l	5.0U	1200U
Bromomethane (Methyl bromide)	ug/l	1.0U	250U
Carbon tetrachloride	ug/l	1.0U	250U
Chlorobenzene	ug/l	1.0U	250U
Chloroethane	ug/l	1.0U	250U
Chloroform	ug/l	1.0U	250U
Chloromethane	ug/l	1.0U	250U
Dibromochloromethane	ug/l	1.0U	250U
1,2-Dichlorobenzene	ug/l	1.0U	250U
1,3-Dichlorobenzene	ug/l	1.0U	250U
1,4-Dichlorobenzene	ug/l	1.0U	250U
Dichlorodifluoromethane	ug/l	1.0U	250U
1,1-Dichloroethane	ug/l	1.0U	250U
1,2-Dichloroethane	ug/l	1.0U	250U
1,1-Dichloroethene	ug/l	1.0U	250U
cis-1,2-Dichloroethene	ug/l	1.0U	1800
trans-1,2-Dichloroethene	ug/l	1.0U	250U
1,2-Dichloropropane	ug/l	1.0U	250U
cis-1,3-Dichloropropene	ug/l	1.0U	250U
trans-1,3-Dichloropropene	ug/l	1.0U	250U
Ethylbenzene	ug/l	1.0U	250U
Methylene chloride			
(Dichloromethane)	ug/l	2.0J	1200U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	250U
Tetrachloroethene	ug/l	1.0U	250U
Toluene	ug/l	1.0U	230J
1,1,1-Trichloroethane	ug/l	1.0U	250U
1,1,2-Trichloroethane	ug/l	1.0U	250U
Trichloroethene	ug/l	1.0U	250U
Trichlorofluoromethane	ug/l	1.0U	250U
Vinyl chloride	ug/l	1.0U	26000
o-Xylene	ug/l	1.0U	250U
m&p-Xylene	ug/l	1.0U	250U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-1	PIN15-0585-N001	Liquid	10/14/03	10/13/03 12:00	
53980-2	PIN15-0538-N001	Liquid	10/14/03	10/13/03 14:55	

Parameter	Units	Lab Sample IDs	
		53980-1	53980-2

Halogenated and Aromatic Volatiles (8021)

2-Chloroethylvinyl ether	ug/l	10U	2500U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	2500U
Total Volatile Organic			
Aromatics	ug/l	1.0U	230J
Dilution Factor		1	250
Analysis Date		10/16/03	10/16/03
Analysis Time		21:54	22:31
Batch ID		1016E	1016E
Quantitation Factor		1.000	250.0

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-3	PIN15-M17S-N001	Liquid	10/14/03	10/13/03 15:35	

Parameter	Units	Lab Sample IDs
		53980-3

Arsenic (6010)

Arsenic	mg/l	0.011
Dilution Factor		1
Prep Date		10/14/03
Prep Time		18:37
Analysis Date		10/20/03
Analysis Time		13:10
Batch ID		1014J
Quantitation Factor		1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-4	PIN15-0537-N001	Liquid	10/14/03	10/13/03 14:00	
53980-5	PIN15-M27S-N001	Liquid	10/14/03	10/13/03 16:00	
53980-6	PIN15-M27D-N001	Liquid	10/14/03	10/13/03 16:30	
53980-7	PIN15-0581-N001	Liquid	10/14/03	10/13/03 14:00	
53980-8	PIN15-0535-N001	Liquid	10/14/03	10/14/03 09:05	

Parameter	Units	Lab Sample IDs				
		53980-4	53980-5	53980-6	53980-7	53980-8

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	8.0	1.0U	4.8	4.9	3.5
Bromodichloromethane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Bromoform	ug/l	12U	5.0U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Chloroethane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Chloroform	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Chloromethane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	7.2	1.0U	1.0U	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	12U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Toluene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-4	PIN15-0537-N001	Liquid	10/14/03	10/13/03 14:00	
53980-5	PIN15-M27S-N001	Liquid	10/14/03	10/13/03 16:00	
53980-6	PIN15-M27D-N001	Liquid	10/14/03	10/13/03 16:30	
53980-7	PIN15-0581-N001	Liquid	10/14/03	10/13/03 14:00	
53980-8	PIN15-0535-N001	Liquid	10/14/03	10/14/03 09:05	

Parameter	Units	Lab Sample IDs				
		53980-4	53980-5	53980-6	53980-7	53980-8

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	76	1.0U	1.0U	1.0U	1.0U
o-Xylene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	2.5U	1.0U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	25U	10U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	25U	10U	10U	10U	10U
Total Volatile Organic						
Aromatics	ug/l	8.0	1.0U	4.8	4.9	3.5
Dilution Factor		2.5	1	1	1	1
Analysis Date		10/16/03	10/18/03	10/17/03	10/17/03	10/17/03
Analysis Time		23:07	20:19	00:19	00:55	01:32
Batch ID		1016E	1016E	1016E	1016E	1016E
Quantitation Factor		2.500	1.000	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.010U	0.0099J	0.010U	0.010U	0.010U
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		18:37	18:37	18:37	18:37	18:37
Analysis Date		10/20/03	10/20/03	10/20/03	10/20/03	10/20/03
Analysis Time		13:16	13:23	13:29	13:49	13:55
Batch ID		1014J	1014J	1014J	1014J	1014J
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-9	PIN15-0530-N001	Liquid	10/14/03	10/14/03 09:30	
53980-10	PIN15-0514-N001	Liquid	10/14/03	10/14/03 10:00	
53980-11	PIN15-0515-N001	Liquid	10/14/03	10/14/03 10:20	
53980-12	PIN15-0516-N001	Liquid	10/14/03	10/14/03 10:50	

Parameter	Units	Lab Sample IDs			
		53980-9	53980-10	53980-11	53980-12

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	7.9	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U
Chloroethane	ug/l	1.0U	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	5.0U	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U	1.0U
Toluene	ug/l	1.0U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	0.82J	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U
Vinyl chloride	ug/l	1.0U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-9	PIN15-0530-N001	Liquid	10/14/03	10/14/03 09:30	
53980-10	PIN15-0514-N001	Liquid	10/14/03	10/14/03 10:00	
53980-11	PIN15-0515-N001	Liquid	10/14/03	10/14/03 10:20	
53980-12	PIN15-0516-N001	Liquid	10/14/03	10/14/03 10:50	

Parameter	Units	Lab Sample IDs			
		53980-9	53980-10	53980-11	53980-12

Halogenated and Aromatic Volatiles (8021)

o-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U	10U
Total Volatile Organic					
Aromatics	ug/l	1.0U	7.9	1.0U	1.0U
Dilution Factor		1	1	1	1
Analysis Date		10/17/03	10/18/03	10/17/03	10/17/03
Analysis Time		02:08	20:56	03:20	03:57
Batch ID		1016E	1016E	1016E	1016E
Quantitation Factor		1.000	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.015	0.010U	0.0069J	0.0046J
Dilution Factor		1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		18:37	18:37	18:37	18:37
Analysis Date		10/20/03	10/20/03	10/20/03	10/20/03
Analysis Time		14:02	14:08	14:15	14:21
Batch ID		1014J	1014J	1014J	1014J
Quantitation Factor		1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-13	Method Blank	Liquid	10/14/03		
53980-14	LCS % Recovery	Liquid	10/14/03		
53980-15	LCS D % Recovery	Liquid	10/14/03		
53980-16	PIN15-0530-N001-MS % Recovery	Liquid	10/14/03	10/14/03	
53980-17	PIN15-0530-N001-MSD % Recovery	Liquid	10/14/03	10/14/03	

Parameter	Units	Lab Sample IDs				
		53980-13	53980-14	53980-15	53980-16	53980-17

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	75 %	77 %	71 %	74 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	93 %	120 %	90 %	92 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	86 %	94 %	80 %	82 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	80 %	85 %	70 %	81 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	100 %	120 %	80 %	84 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-13	Method Blank	Liquid	10/14/03		
53980-14	LCS % Recovery	Liquid	10/14/03		
53980-15	LCSD % Recovery	Liquid	10/14/03		
53980-16	PIN15-0530-N001-MS % Recovery	Liquid	10/14/03	10/14/03	
53980-17	PIN15-0530-N001-MSD % Recovery	Liquid	10/14/03	10/14/03	

Parameter	Units	Lab Sample IDs				
		53980-13	53980-14	53980-15	53980-16	53980-17

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U				
o-Xylene	ug/l	1.0U				
m&p-Xylene	ug/l	1.0U				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic						
Aromatics	ug/l	1.0U				
Dilution Factor		1	1	1	1	1
Analysis Date		10/16/03	10/16/03	10/16/03	10/18/03	10/18/03
Analysis Time		21:18	11:26	20:06	21:32	22:08
Batch ID		1016E	1016E	1016E	1016E	1016E
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
53980-18	Method Blank	Liquid	10/14/03		
53980-19	LCS % Recovery	Liquid	10/14/03		
53980-20	LCS D % Recovery	Liquid	10/14/03		
53980-21	BATCH-MS % Recovery	Liquid	10/14/03		
53980-22	BATCH-MSD % Recovery	Liquid	10/14/03		

Parameter	Units	Lab Sample IDs				
		53980-18	53980-19	53980-20	53980-21	53980-22

Arsenic (6010)

Arsenic	mg/l	0.010U	103 %	103 %	107 %	108 %
Dilution Factor		1	1	1	1	1
Prep Date		10/14/03	10/14/03	10/14/03	10/14/03	10/14/03
Prep Time		18:37	18:37	18:37	18:37	18:37
Analysis Date		10/20/03	10/20/03	10/20/03	10/20/03	10/20/03
Analysis Time		11:14	11:20	11:27	11:46	11:52
Batch ID		1014J	1014J	1014J	1014J	1014J
Quantitation Factor		1.000				

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Case Narrative: STL Project B354024

Date: October 24, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

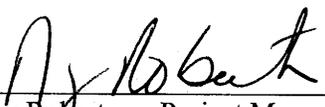
Laboratory: STL Tampa

Analysis Requested: 8021, Arsenic

Ten liquid samples were received on October 15, 2003 and logged in as STL Project B354024. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B354024-1 ✓	PIN12-0509-N001	10.15.03
B354024-2 ✓	PIN12-0510-N001	10.15.03
B354024-3 ✓	PIN12-0522-N001	10.15.03
B354024-4 ✓	PIN12-0523-N001	10.15.03
B354024-5 ✓	PIN06-0501-N001	10.15.03
B354024-6 ✓	PIN12-0521-N001	10.15.03
B354024-7 ✓	PIN15-0559-N001	10.15.03
B354024-8 ✓	PIN15-0571-N001	10.15.03
B354024-9 ✓	PIN15-0572-N001	10.15.03
B354024-10 ✓	PIN09-0500-N001	10.15.03

No QA/QC issues were noted.


 Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B354024
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/24/2003
Sampled By: Client
Sample Received Date: 10/15/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354024
Date Received: 10/15/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN12-0509-N001	B354024*1	Liquid	10/15/2003 08:25
PIN12-0510-N001	B354024*2	Liquid	10/15/2003 09:05
PIN12-0522-N001	B354024*3	Liquid	10/15/2003 09:40
PIN12-0523-N001	B354024*4	Liquid	10/15/2003 10:02
PIN06-0501-N001	B354024*5	Liquid	10/15/2003 10:42
PIN12-0521-N001	B354024*6	Liquid	10/15/2003 11:39
PIN15-0559-N001	B354024*7	Liquid	10/15/2003 13:08
PIN15-0571-N001	B354024*8	Liquid	10/15/2003 14:03
PIN15-0572-N001	B354024*9	Liquid	10/15/2003 14:35
PIN09-0500-N001	B354024*10	Liquid	10/15/2003 11:20

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54024-1	PIN12-0509-N001	Liquid	10/15/03	10/15/03 08:25	
54024-2	PIN12-0510-N001	Liquid	10/15/03	10/15/03 09:05	
54024-3	PIN12-0522-N001	Liquid	10/15/03	10/15/03 09:40	
54024-4	PIN12-0523-N001	Liquid	10/15/03	10/15/03 10:02	
54024-5	PIN06-0501-N001	Liquid	10/15/03	10/15/03 10:42	

Parameter	Units	Lab Sample IDs				
		54024-1	54024-2	54024-3	54024-4	54024-5

Halogenated and Aromatic Volatiles (8021)

Chloroethane	ug/l	45				
Chloromethane	ug/l	6.6				
Methylene chloride (Dichloromethane)	ug/l	0.58J				

Arsenic (6010)

Arsenic	mg/l	0.0073J	0.019	0.0072J	0.0077J	0.025
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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54024-6	PIN12-0521-N001	Liquid	10/15/03	10/15/03 11:39	
54024-7	PIN15-0559-N001	Liquid	10/15/03	10/15/03 13:08	
54024-8	PIN15-0571-N001	Liquid	10/15/03	10/15/03 14:03	
54024-9	PIN15-0572-N001	Liquid	10/15/03	10/15/03 14:35	

Parameter	Units	Lab Sample IDs			
		54024-6	54024-7	54024-8	54024-9

Halogenated and Aromatic Volatiles (8021)

1,2-Dichloroethane	ug/l	2.7			
cis-1,2-Dichloroethene	ug/l	0.98J			
trans-1,2-Dichloroethene	ug/l	0.23J			
Methylene chloride (Dichloromethane)	ug/l	0.22J			
Trichloroethene	ug/l	0.66J			
Vinyl chloride	ug/l	0.50J			

Arsenic (6010)

Arsenic	mg/l	0.0073J	0.0058J	0.0084J	0.0063J
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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54024-10	PIN09-0500-N001	Liquid	10/15/03	10/15/03 11:20	

Parameter	Units	Lab Sample IDs
		54024-10

Arsenic (6010)		
Arsenic	mg/l	0.043

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B354024
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/24/2003
Sampled By: Client
Sample Received Date: 10/15/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354024
Date Received: 10/15/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN12-0509-N001	B354024*1	Liquid	10/15/2003 08:25
PIN12-0510-N001	B354024*2	Liquid	10/15/2003 09:05
PIN12-0522-N001	B354024*3	Liquid	10/15/2003 09:40
PIN12-0523-N001	B354024*4	Liquid	10/15/2003 10:02
PIN06-0501-N001	B354024*5	Liquid	10/15/2003 10:42
PIN12-0521-N001	B354024*6	Liquid	10/15/2003 11:39
PIN15-0559-N001	B354024*7	Liquid	10/15/2003 13:08
PIN15-0571-N001	B354024*8	Liquid	10/15/2003 14:03
PIN15-0572-N001	B354024*9	Liquid	10/15/2003 14:35
PIN09-0500-N001	B354024*10	Liquid	10/15/2003 11:20

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54024-1	PIN12-0509-N001	Liquid	10/15/03	10/15/03 08:25	
54024-2	PIN12-0510-N001	Liquid	10/15/03	10/15/03 09:05	
54024-3	PIN12-0522-N001	Liquid	10/15/03	10/15/03 09:40	
54024-4	PIN12-0523-N001	Liquid	10/15/03	10/15/03 10:02	
54024-5	PIN06-0501-N001	Liquid	10/15/03	10/15/03 10:42	

Parameter	Units	Lab Sample IDs				
		54024-1	54024-2	54024-3	54024-4	54024-5

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroethane	ug/l	45	1.0U	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloromethane	ug/l	6.6	1.0U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	0.58J	5.0U	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Toluene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54024-1	PIN12-0509-N001	Liquid	10/15/03	10/15/03	08:25
54024-2	PIN12-0510-N001	Liquid	10/15/03	10/15/03	09:05
54024-3	PIN12-0522-N001	Liquid	10/15/03	10/15/03	09:40
54024-4	PIN12-0523-N001	Liquid	10/15/03	10/15/03	10:02
54024-5	PIN06-0501-N001	Liquid	10/15/03	10/15/03	10:42

Parameter	Units	Lab Sample IDs				
		54024-1	54024-2	54024-3	54024-4	54024-5

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
o-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U	10U	10U
Total Volatile Organic						
Aromatics	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dilution Factor		1	1	1	1	1
Analysis Date		10/20/03	10/22/03	10/22/03	10/20/03	10/20/03
Analysis Time		18:59	18:02	18:38	20:47	21:23
Batch ID		1020E	1020E	1020E	1020E	1020E
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.0073J	0.019	0.0072J	0.0077J	0.025
Dilution Factor		1	1	1	1	1
Prep Date		10/16/03	10/16/03	10/16/03	10/16/03	10/16/03
Prep Time		16:08	16:08	16:08	16:08	16:08
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		14:27	14:41	14:46	15:21	15:26
Batch ID		1016K	1016K	1016K	1016K	1016K
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54024-6	PIN12-0521-N001	Liquid	10/15/03	10/15/03 11:39	
54024-7	PIN15-0559-N001	Liquid	10/15/03	10/15/03 13:08	
54024-8	PIN15-0571-N001	Liquid	10/15/03	10/15/03 14:03	
54024-9	PIN15-0572-N001	Liquid	10/15/03	10/15/03 14:35	

Parameter	Units	Lab Sample IDs			
		54024-6	54024-7	54024-8	54024-9
Halogenated and Aromatic Volatiles (8021)					
Benzene	ug/l	1.0U	1.0U	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U
Chloroethane	ug/l	1.0U	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	2.7	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	0.98J	1.0U	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	0.23J	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	0.22J	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U	1.0U
Toluene	ug/l	1.0U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	0.66J	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U
Vinyl chloride	ug/l	0.50J	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54024-6	PIN12-0521-N001	Liquid	10/15/03	10/15/03 11:39	
54024-7	PIN15-0559-N001	Liquid	10/15/03	10/15/03 13:08	
54024-8	PIN15-0571-N001	Liquid	10/15/03	10/15/03 14:03	
54024-9	PIN15-0572-N001	Liquid	10/15/03	10/15/03 14:35	

Parameter	Units	Lab Sample IDs			
		54024-6	54024-7	54024-8	54024-9

Halogenated and Aromatic Volatiles (8021)

o-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U	10U
Total Volatile Organic					
Aromatics	ug/l	1.0U	1.0U	1.0U	1.0U
Dilution Factor		1	1	1	1
Analysis Date		10/20/03	10/21/03	10/21/03	10/21/03
Analysis Time		21:59	01:35	02:11	02:47
Batch ID		1020E	1020E	1020E	1020E
Quantitation Factor		1.000	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.0073J	0.0058J	0.0084J	0.0063J
Dilution Factor		1	1	1	1
Prep Date		10/16/03	10/16/03	10/16/03	10/16/03
Prep Time		16:08	16:08	16:08	16:08
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		15:30	15:35	15:40	15:45
Batch ID		1016K	1016K	1016K	1016K
Quantitation Factor		1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54024-10	PIN09-0500-N001	Liquid	10/15/03	10/15/03 11:20	

Parameter	Units	Lab Sample IDs
		54024-10

Arsenic (6010)

Arsenic	mg/l	0.043
Dilution Factor		1
Prep Date		10/16/03
Prep Time		16:08
Analysis Date		10/23/03
Analysis Time		15:49
Batch ID		1016K
Quantitation Factor		1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54024-11	Method Blank	Liquid	10/15/03		
54024-12	LCS % Recovery	Liquid	10/15/03		
54024-13	LCS % Recovery	Liquid	10/15/03		
54024-14	PIN12-0510-N001-MS % Recovery	Liquid	10/15/03	10/15/03	
54024-15	PIN12-0510-N001-MSD % Recovery	Liquid	10/15/03	10/15/03	

Parameter	Units	Lab Sample IDs				
		54024-11	54024-12	54024-13	54024-14	54024-15

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	87 %	79 %	82 %	85 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	120 %	110 %	85 %	76 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	120 %	110 %	92 %	110 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	97 %	86 %	72 %	75 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	130 %	110 %	90 %	93 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54024-11	Method Blank	Liquid	10/15/03		
54024-12	LCS % Recovery	Liquid	10/15/03		
54024-13	LCSD % Recovery	Liquid	10/15/03		
54024-14	PIN12-0510-N001-MS % Recovery	Liquid	10/15/03	10/15/03	
54024-15	PIN12-0510-N001-MSD % Recovery	Liquid	10/15/03	10/15/03	

Parameter	Units	Lab Sample IDs				
		54024-11	54024-12	54024-13	54024-14	54024-15
Halogenated and Aromatic Volatiles (8021)						
Vinyl chloride	ug/l	1.0U				
o-Xylene	ug/l	1.0U				
m&p-Xylene	ug/l	1.0U				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic						
Aromatics	ug/l	1.0U				
Dilution Factor		1	1	1	1	1
Analysis Date		10/20/03	10/20/03	10/20/03	10/23/03	10/23/03
Analysis Time		14:47	12:23	12:59	20:53	21:28
Batch ID		1020E	1020E	1020E	1020E	1020E
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54024-16	Method Blank	Liquid	10/15/03		
54024-17	LCS % Recovery	Liquid	10/15/03		
54024-18	LCSD % Recovery	Liquid	10/15/03		
54024-19	PIN12-0509-N001-MS % Recovery	Liquid	10/15/03	10/15/03	
54024-20	PIN12-0509-N001-MSD % Recovery	Liquid	10/15/03	10/15/03	

Parameter	Units	Lab Sample IDs				
		54024-16	54024-17	54024-18	54024-19	54024-20
Arsenic (6010)						
Arsenic	mg/l	0.010U	104 %	107 %	105 %	106 %
Dilution Factor		1	1	1	1	1
Prep Date		10/16/03	10/16/03	10/16/03	10/16/03	10/16/03
Prep Time		16:08	16:08	16:08	16:08	16:08
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		14:08	14:13	14:18	14:32	14:36
Batch ID		1016K	1016K	1016K	1016K	1016K
Quantitation Factor		1.000				

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

**SEVERN
TRENT**

STL RECEIVED ³⁵ 4024

NOV 03 2003

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS								PAGE 1	OF 1	
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	HNO₃	HCl	Arsemitz	8024	PRESERVATIVE						STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>
CLIENT (SITE) PM Johan Caballero	CLIENT PHONE 727 541 8103	CLIENT FAX 549-1181												DATE DUE
CLIENT NAME S. M. Stoller	CLIENT E-MAIL													EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>
CLIENT ADDRESS 7807 Boyan Daley Rd Suite 260 Largo, FL		DATE DUE												
COMPANY CONTRACTING THIS WORK (if applicable)			NUMBER OF CONTAINERS SUBMITTED								NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1			

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED								REMARKS	
DATE	TIME							1	2	3	4	5	6	7	8		9
10/15/03	0825	PIN12-0509-N001	G	✓				1	3								
"	0905	PIN12-0510-N001	G	✓				1	3								
"	0940	PIN12-0522-N001	G	✓				1	3								
"	1002	PIN12-0523-N001	G	✓				1	3								
"	1042	PIN06-0501-N001	G	✓				1	3								
"	1120	PIN09-0500-N001	G	✓				1									
"	1139	PIN12-0521-N001	G	✓				1	3								
"	1308	PIN15-0559-N001	G	✓				1	3								
"	1403	PIN15-0571-N001	G	✓				1	3								
"	1435	PIN15-0572-N001	G	✓				1	3								

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 9-30-03	TIME 1500	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10/15/03	TIME 1500	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-15-03	TIME 1555
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10/15/03	TIME 0800	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-15-03	TIME 1500	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-15-03	TIME 1555

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-16-03	TIME 1030	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. N/S	STL TAMPA LOG NO. 0354024	LABORATORY REMARKS
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RECEIVED

NOV 03 2003

Case Narrative: STL Project B354025

Date: October 24, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

Laboratory: STL Tampa

Analysis Requested: 8021, Arsenic, Chromium

Nineteen liquid samples were received on October 15, 2003 and logged in as STL Project B354025. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B354025-1	PIN15-0561-N001	10.14.03
B354025-2	PIN15-0560-N001 <i>original</i>	10.14.03
B354025-3	PIN15-0580-N001 <i>duplicate</i>	10.14.03
B354025-4	PIN15-0563-N001	10.14.03
B354025-5	PIN15-0562-N001	10.14.03
B354025-6	PIN15-0565-N001	10.14.03
B354025-7	PIN15-0564-N001	10.14.03 10.15.03
B354025-8	PIN15-0567-N001	10.14.03
B354025-9	PIN15-0566-N001	10.14.03
B354025-10	PIN15-M34D-N001	10.14.03
B354025-11	PIN15-0536-N001	10.14.03
B354025-12	PIN06-0500-N001	10.14.03
B354025-13	PIN12-0520-N001	10.14.03
B354025-14	PIN15-0587-N001 <i>trip blank</i>	10.14.03
B354025-15	PIN15-0592-N001 <i>trip blank</i>	10.14.03 10.15.03
B354025-16	PIN18-0525-N001	10.14.03
B354025-17	PIN18-0521-N001	10.14.03
B354025-18	PIN18-0522-N001	10.14.03
B354025-19	PIN18-0500-N001	10.14.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B354025
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/24/2003
Sampled By: Client
Sample Received Date: 10/15/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354025
Date Received: 10/15/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0561-N001	B354025*1	Liquid	10/14/2003 12:45
PIN15-0560-N001	B354025*2	Liquid	10/14/2003 13:20
PIN15-0580-N001	B354025*3	Liquid	10/14/2003 14:00
PIN15-0563-N001	B354025*4	Liquid	10/14/2003 14:30
PIN15-0562-N001	B354025*5	Liquid	10/14/2003 15:05
PIN15-0565-N001	B354025*6	Liquid	10/14/2003 15:55
PIN15-0564-N001	B354025*7	Liquid	10/15/2003 08:35
PIN15-0567-N001	B354025*8	Liquid	10/15/2003 09:15
PIN15-0566-N001	B354025*9	Liquid	10/15/2003 10:00
PIN15-M34D-N001	B354025*10	Liquid	10/15/2003 11:55
PIN15-0536-N001	B354025*11	Liquid	10/15/2003 10:40
PIN06-0500-N001	B354025*12	Liquid	10/14/2003 14:45
PIN12-0520-N001	B354025*13	Liquid	10/14/2003 15:15
PIN15-0587-N001	B354025*14	Liquid	10/14/2003 12:00
PIN15-0592-N001	B354025*15	Liquid	10/15/2003
PIN18-0525-N001	B354025*16	Liquid	10/14/2003 11:05
PIN18-0521-N001	B354025*17	Liquid	10/14/2003 13:05
PIN18-0522-N001	B354025*18	Liquid	10/14/2003 13:25
PIN18-0500-N001	B354025*19	Liquid	10/14/2003 13:45

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-1	PIN15-0561-N001	Liquid	10/15/03	10/14/03 12:45	
54025-2	PIN15-0560-N001	Liquid	10/15/03	10/14/03 13:20	
54025-3	PIN15-0580-N001	Liquid	10/15/03	10/14/03 14:00	
54025-4	PIN15-0563-N001	Liquid	10/15/03	10/14/03 14:30	
54025-5	PIN15-0562-N001	Liquid	10/15/03	10/14/03 15:05	

Parameter	Units	Lab Sample IDs				
		54025-1	54025-2	54025-3	54025-4	54025-5

Halogenated and Aromatic Volatiles (8021)

o-Xylene	ug/l	0.85J		0.91J	
Total Volatile Organic					
Aromatics	ug/l	0.85J		1.01	
Benzene	ug/l			0.10J	
Trichloroethene	ug/l			3.5	

Arsenic (6010)

Arsenic	mg/l	0.0038J		0.0074J	
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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-6	PIN15-0565-N001	Liquid	10/15/03	10/14/03 15:55	
54025-7	PIN15-0564-N001	Liquid	10/15/03	10/15/03 08:35	
54025-8	PIN15-0567-N001	Liquid	10/15/03	10/15/03 09:15	
54025-9	PIN15-0566-N001	Liquid	10/15/03	10/15/03 10:00	
54025-10	PIN15-M34D-N001	Liquid	10/15/03	10/15/03 11:55	

Parameter	Units	Lab Sample IDs				
		54025-6	54025-7	54025-8	54025-9	54025-10
Halogenated and Aromatic Volatiles (8021)						
Benzene	ug/l			1.0		
o-Xylene	ug/l			1.1		
Total Volatile Organic						
Aromatics	ug/l			2.1		
Vinyl chloride	ug/l					9700
Arsenic (6010)						
Arsenic	mg/l			0.028		

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-11	PIN15-0536-N001	Liquid	10/15/03	10/15/03 10:40	
54025-12	PIN06-0500-N001	Liquid	10/15/03	10/14/03 14:45	
54025-13	PIN12-0520-N001	Liquid	10/15/03	10/14/03 15:15	

Parameter	Units	Lab Sample IDs		
		54025-11	54025-12	54025-13

Halogenated and Aromatic Volatiles (8021)

cis-1,2-Dichloroethene	ug/l	1700		
Trichloroethene	ug/l	29000		
Vinyl chloride	ug/l			32

Arsenic (6010)

Arsenic	mg/l	0.00353	0.016	
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Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-14	PIN15-0587-N001	Liquid	10/15/03	10/14/03 12:00	
54025-15	PIN15-0592-N001	Liquid	10/15/03	10/15/03	

Parameter	Units	Lab Sample IDs	
		54025-14	54025-15

Halogenated and Aromatic Volatiles (8021)

Methylene chloride (Dichloromethane)	ug/l	0.35J	0.97J
o-Xylene	ug/l	0.84J	0.84J
Total Volatile Organic Aromatics	ug/l	0.84J	0.84J

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-16	PIN18-0525-N001	Liquid	10/15/03	10/14/03 11:05	
54025-17	PIN18-0521-N001	Liquid	10/15/03	10/14/03 13:05	
54025-18	PIN18-0522-N001	Liquid	10/15/03	10/14/03 13:25	
54025-19	PIN18-0500-N001	Liquid	10/15/03	10/14/03 13:45	

Parameter	Units	Lab Sample IDs			
		54025-16	54025-17	54025-18	54025-19
Arsenic (6010)					
Arsenic	mg/l	0.066	0.0064J	0.013	0.093

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B354025
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/24/2003
Sampled By: Client
Sample Received Date: 10/15/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354025
Date Received: 10/15/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0561-N001	B354025*1	Liquid	10/14/2003 12:45
PIN15-0560-N001	B354025*2	Liquid	10/14/2003 13:20
PIN15-0580-N001	B354025*3	Liquid	10/14/2003 14:00
PIN15-0563-N001	B354025*4	Liquid	10/14/2003 14:30
PIN15-0562-N001	B354025*5	Liquid	10/14/2003 15:05
PIN15-0565-N001	B354025*6	Liquid	10/14/2003 15:55
PIN15-0564-N001	B354025*7	Liquid	10/15/2003 08:35
PIN15-0567-N001	B354025*8	Liquid	10/15/2003 09:15
PIN15-0566-N001	B354025*9	Liquid	10/15/2003 10:00
PIN15-M34D-N001	B354025*10	Liquid	10/15/2003 11:55
PIN15-0536-N001	B354025*11	Liquid	10/15/2003 10:40
PIN06-0500-N001	B354025*12	Liquid	10/14/2003 14:45
PIN12-0520-N001	B354025*13	Liquid	10/14/2003 15:15
PIN15-0587-N001	B354025*14	Liquid	10/14/2003 12:00
PIN15-0592-N001	B354025*15	Liquid	10/15/2003
PIN18-0525-N001	B354025*16	Liquid	10/14/2003 11:05
PIN18-0521-N001	B354025*17	Liquid	10/14/2003 13:05
PIN18-0522-N001	B354025*18	Liquid	10/14/2003 13:25
PIN18-0500-N001	B354025*19	Liquid	10/14/2003 13:45

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-1	PIN15-0561-N001	Liquid	10/15/03	10/14/03 12:45	
54025-2	PIN15-0560-N001	Liquid	10/15/03	10/14/03 13:20	
54025-3	PIN15-0580-N001	Liquid	10/15/03	10/14/03 14:00	
54025-4	PIN15-0563-N001	Liquid	10/15/03	10/14/03 14:30	
54025-5	PIN15-0562-N001	Liquid	10/15/03	10/14/03 15:05	

Parameter	Units	Lab Sample IDs				
		54025-1	54025-2	54025-3	54025-4	54025-5
Halogenated and Aromatic Volatiles (8021)						
Benzene	ug/l	1.0U	1.0U	1.0U	0.10J	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloroform	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Toluene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U	1.0U	3.5	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-1	PIN15-0561-N001	Liquid	10/15/03	10/14/03 12:45	
54025-2	PIN15-0560-N001	Liquid	10/15/03	10/14/03 13:20	
54025-3	PIN15-0580-N001	Liquid	10/15/03	10/14/03 14:00	
54025-4	PIN15-0563-N001	Liquid	10/15/03	10/14/03 14:30	
54025-5	PIN15-0562-N001	Liquid	10/15/03	10/14/03 15:05	

Parameter	Units	Lab Sample IDs				
		54025-1	54025-2	54025-3	54025-4	54025-5

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
o-Xylene	ug/l	0.85J	1.0U	1.0U	0.91J	1.0U
m&p-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U	10U	10U
Total Volatile Organic						
Aromatics	ug/l	0.85J	1.0U	1.0U	1.01	1.0U
Dilution Factor		1	1	1	1	1
Analysis Date		10/22/03	10/22/03	10/23/03	10/22/03	10/22/03
Analysis Time		16:41	17:20	19:30	18:38	19:17
Batch ID		1022B	1022B	1022B	1022B	1022B
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.0038J	0.010U	0.010U	0.0074J	0.010U
Dilution Factor		1	1	1	1	1
Prep Date		10/16/03	10/16/03	10/16/03	10/16/03	10/16/03
Prep Time		16:43	16:43	16:43	16:43	16:43
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		13:32	14:04	14:11	14:17	14:24
Batch ID		1016M	1016M	1016M	1016M	1016M
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-6	PIN15-0565-N001	Liquid	10/15/03	10/14/03 15:55	
54025-7	PIN15-0564-N001	Liquid	10/15/03	10/15/03 08:35	
54025-8	PIN15-0567-N001	Liquid	10/15/03	10/15/03 09:15	
54025-9	PIN15-0566-N001	Liquid	10/15/03	10/15/03 10:00	
54025-10	PIN15-M34D-N001	Liquid	10/15/03	10/15/03 11:55	

Parameter	Units	Lab Sample IDs				
		54025-6	54025-7	54025-8	54025-9	54025-10

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	1.0U	1.0U	1.0	250U
Bromodichloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Bromoform	ug/l	5.0U	5.0U	5.0U	5.0U	1200U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Carbon tetrachloride	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Chlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Chloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Chloroform	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Chloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Dibromochloromethane	ug/l	1.0U	1.0U	1.0U	1.0U	250U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Dichlorodifluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	250U
1,1-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	250U
1,2-Dichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	250U
1,1-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
cis-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
trans-1,2-Dichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
1,2-Dichloropropane	ug/l	1.0U	1.0U	1.0U	1.0U	250U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Ethylbenzene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Methylene chloride (Dichloromethane)	ug/l	5.0U	5.0U	5.0U	5.0U	1200U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Tetrachloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Toluene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	250U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Trichloroethene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
Trichlorofluoromethane	ug/l	1.0U	1.0U	1.0U	1.0U	250U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-6	PIN15-0565-N001	Liquid	10/15/03	10/14/03 15:55	
54025-7	PIN15-0564-N001	Liquid	10/15/03	10/15/03 08:35	
54025-8	PIN15-0567-N001	Liquid	10/15/03	10/15/03 09:15	
54025-9	PIN15-0566-N001	Liquid	10/15/03	10/15/03 10:00	
54025-10	PIN15-M34D-N001	Liquid	10/15/03	10/15/03 11:55	

Parameter	Units	Lab Sample IDs				
		54025-6	54025-7	54025-8	54025-9	54025-10

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U	1.0U	1.0U	1.0U	9700
o-Xylene	ug/l	1.0U	1.0U	1.0U	1.1	250U
m&p-Xylene	ug/l	1.0U	1.0U	1.0U	1.0U	250U
2-Chloroethylvinyl ether	ug/l	10U	10U	10U	10U	2500U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U	10U	10U	2500U
Total Volatile Organic						
Aromatics	ug/l	1.0U	1.0U	1.0U	2.1	250U
Dilution Factor		1	1	1	1	250
Analysis Date		10/22/03	10/22/03	10/22/03	10/22/03	10/23/03
Analysis Time		19:56	20:35	21:14	21:52	14:56
Batch ID		1022B	1022B	1022B	1022B	1022B
Quantitation Factor		1.000	1.000	1.000	1.000	250.0

Arsenic (6010)

Arsenic	mg/l	0.010U	0.010U	0.028	0.010U	0.010U
Dilution Factor		1	1	1	1	1
Prep Date		10/16/03	10/16/03	10/16/03	10/16/03	10/16/03
Prep Time		16:43	16:43	16:43	16:43	16:43
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		14:30	14:36	14:43	14:49	14:56
Batch ID		1016M	1016M	1016M	1016M	1016M
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDC#
54025-11	PIN15-0536-N001	Liquid	10/15/03	10/15/03 10:40	
54025-12	PIN06-0500-N001	Liquid	10/15/03	10/14/03 14:45	
54025-13	PIN12-0520-N001	Liquid	10/15/03	10/14/03 15:15	

Parameter	Units	Lab Sample IDs		
		54025-11	54025-12	54025-13

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	250U	1.0U	1.0U
Bromodichloromethane	ug/l	250U	1.0U	1.0U
Bromoform	ug/l	1200U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	250U	1.0U	1.0U
Carbon tetrachloride	ug/l	250U	1.0U	1.0U
Chlorobenzene	ug/l	250U	1.0U	1.0U
Chloroethane	ug/l	250U	1.0U	1.0U
Chloroform	ug/l	250U	1.0U	1.0U
Chloromethane	ug/l	250U	1.0U	1.0U
Dibromochloromethane	ug/l	250U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	250U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	250U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	250U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	250U	1.0U	1.0U
1,1-Dichloroethane	ug/l	250U	1.0U	1.0U
1,2-Dichloroethane	ug/l	250U	1.0U	1.0U
1,1-Dichloroethene	ug/l	250U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1700	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	250U	1.0U	1.0U
1,2-Dichloropropane	ug/l	250U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	250U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	250U	1.0U	1.0U
Ethylbenzene	ug/l	250U	1.0U	1.0U
Methylene chloride				
(Dichloromethane)	ug/l	1200U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	250U	1.0U	1.0U
Tetrachloroethene	ug/l	250U	1.0U	1.0U
Toluene	ug/l	250U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	250U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	250U	1.0U	1.0U
Trichloroethene	ug/l	29000	1.0U	1.0U
Trichlorofluoromethane	ug/l	250U	1.0U	1.0U
Vinyl chloride	ug/l	250U	1.0U	32
o-Xylene	ug/l	250U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-11	PIN15-0536-N001	Liquid	10/15/03	10/15/03 10:40	
54025-12	PIN06-0500-N001	Liquid	10/15/03	10/14/03 14:45	
54025-13	PIN12-0520-N001	Liquid	10/15/03	10/14/03 15:15	

Parameter	Units	Lab Sample IDs		
		54025-11	54025-12	54025-13

Halogenated and Aromatic Volatiles (8021)

m&p-Xylene	ug/l	250U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	2500U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	2500U	10U	10U
Total Volatile Organic				
Aromatics	ug/l	250U	1.0U	1.0U
Dilution Factor		250	1	1
Analysis Date		10/23/03	10/23/03	10/23/03
Analysis Time		15:35	16:14	16:53
Batch ID		1022B	1022B	1022B
Quantitation Factor		250.0	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.0035J	0.016	0.010U
Dilution Factor		1	1	1
Prep Date		10/16/03	10/16/03	10/16/03
Prep Time		16:43	16:43	16:43
Analysis Date		10/23/03	10/23/03	10/23/03
Analysis Time		15:02	15:21	15:28
Batch ID		1016M	1016M	1016M
Quantitation Factor		1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-14	PIN15-0587-N001	Liquid	10/15/03	10/14/03 12:00	
54025-15	PIN15-0592-N001	Liquid	10/15/03	10/15/03	

Parameter	Units	Lab Sample IDs	
		54025-14	54025-15
Halogenated and Aromatic Volatiles (8021)			
Benzene	ug/l	1.0U	1.0U
Bromodichloromethane	ug/l	1.0U	1.0U
Bromoform	ug/l	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	1.0U	1.0U
Carbon tetrachloride	ug/l	1.0U	1.0U
Chlorobenzene	ug/l	1.0U	1.0U
Chloroethane	ug/l	1.0U	1.0U
Chloroform	ug/l	1.0U	1.0U
Chloromethane	ug/l	1.0U	1.0U
Dibromochloromethane	ug/l	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	1.0U	1.0U
Dichlorodifluoromethane	ug/l	1.0U	1.0U
1,1-Dichloroethane	ug/l	1.0U	1.0U
1,2-Dichloroethane	ug/l	1.0U	1.0U
1,1-Dichloroethene	ug/l	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	1.0U	1.0U
1,2-Dichloropropane	ug/l	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	1.0U	1.0U
Ethylbenzene	ug/l	1.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	0.35J	0.97J
1,1,2,2-Tetrachloroethane	ug/l	1.0U	1.0U
Tetrachloroethene	ug/l	1.0U	1.0U
Toluene	ug/l	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	1.0U	1.0U
Trichloroethene	ug/l	1.0U	1.0U
Trichlorofluoromethane	ug/l	1.0U	1.0U
Vinyl chloride	ug/l	1.0U	1.0U
o-Xylene	ug/l	0.84J	0.84J
m&p-Xylene	ug/l	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-14	PIN15-0587-N001	Liquid	10/15/03	10/14/03 12:00	
54025-15	PIN15-0592-N001	Liquid	10/15/03	10/15/03	

Parameter	Units	Lab Sample IDs	
		54025-14	54025-15

Halogenated and Aromatic Volatiles (8021)

2-Chloroethylvinyl ether	ug/l	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U
Total Volatile Organic			
Aromatics	ug/l	0.84J	0.84J
Dilution Factor		1	1
Analysis Date		10/23/03	10/23/03
Analysis Time		18:51	14:17
Batch ID		1022B	1022B
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-16	PIN18-0525-N001	Liquid	10/15/03	10/14/03 11:05	
54025-17	PIN18-0521-N001	Liquid	10/15/03	10/14/03 13:05	
54025-18	PIN18-0522-N001	Liquid	10/15/03	10/14/03 13:25	
54025-19	PIN18-0500-N001	Liquid	10/15/03	10/14/03 13:45	

Parameter	Units	Lab Sample IDs			
		54025-16	54025-17	54025-18	54025-19

Arsenic (6010)

Arsenic	mg/l	0.066	0.0064J	0.013	0.093
Dilution Factor		1	1	1	1
Prep Date		10/16/03	10/16/03	10/16/03	10/16/03
Prep Time		16:43	16:43	16:43	16:43
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		15:34	15:40	15:47	15:53
Batch ID		1016M	1016M	1016M	1016M
Quantitation Factor		1.000	1.000	1.000	1.000

Chromium (6010)

Chromium	mg/l	0.010U	0.010U	0.010U	0.010U
Dilution Factor		1	1	1	1
Prep Date		10/16/03	10/16/03	10/16/03	10/16/03
Prep Time		16:43	16:43	16:43	16:43
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		15:34	15:40	15:47	15:53
Batch ID		1016M	1016M	1016M	1016M
Quantitation Factor		1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-20	Method Blank	Liquid	10/15/03		
54025-21	LCS % Recovery	Liquid	10/15/03		
54025-22	LCSD % Recovery	Liquid	10/15/03		
54025-23	PIN15-0560-N001-MS % Recovery	Liquid	10/15/03	10/14/03	
54025-24	PIN15-0560-N001-MSD % Recovery	Liquid	10/15/03	10/14/03	

Parameter	Units	Lab Sample IDs				
		54025-20	54025-21	54025-22	54025-23	54025-24

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.00	100 %	99 %	99 %	100 %
Bromodichloromethane	ug/l	1.00				
Bromoform	ug/l	5.00				
Bromomethane (Methyl bromide)	ug/l	1.00				
Carbon tetrachloride	ug/l	1.00				
Chlorobenzene	ug/l	1.00	94 %	84 %	74 %	79 %
Chloroethane	ug/l	1.00				
Chloroform	ug/l	1.00				
Chloromethane	ug/l	1.00				
Dibromochloromethane	ug/l	1.00				
1,2-Dichlorobenzene	ug/l	1.00				
1,3-Dichlorobenzene	ug/l	1.00				
1,4-Dichlorobenzene	ug/l	1.00				
Dichlorodifluoromethane	ug/l	1.00				
1,1-Dichloroethane	ug/l	1.00				
1,2-Dichloroethane	ug/l	1.00				
1,1-Dichloroethene	ug/l	1.00	110 %	110 %	78 %	98 %
cis-1,2-Dichloroethene	ug/l	1.00				
trans-1,2-Dichloroethene	ug/l	1.00				
1,2-Dichloropropane	ug/l	1.00				
cis-1,3-Dichloropropene	ug/l	1.00				
trans-1,3-Dichloropropene	ug/l	1.00				
Ethylbenzene	ug/l	1.00				
Methylene chloride (Dichloromethane)	ug/l	5.00				
1,1,2,2-Tetrachloroethane	ug/l	1.00				
Tetrachloroethene	ug/l	1.00				
Toluene	ug/l	1.00	100 %	82 %	100 %	100 %
1,1,1-Trichloroethane	ug/l	1.00				
1,1,2-Trichloroethane	ug/l	1.00				
Trichloroethene	ug/l	1.00	95 %	84 %	84 %	87 %
Trichlorofluoromethane	ug/l	1.00				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-20	Method Blank	Liquid	10/15/03		
54025-21	LCS % Recovery	Liquid	10/15/03		
54025-22	LCSD % Recovery	Liquid	10/15/03		
54025-23	PIN15-0560-N001-MS % Recovery	Liquid	10/15/03	10/14/03	
54025-24	PIN15-0560-N001-MSD % Recovery	Liquid	10/15/03	10/14/03	

Parameter	Units	Lab Sample IDs				
		54025-20	54025-21	54025-22	54025-23	54025-24

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.00				
o-Xylene	ug/l	1.00				
m&p-Xylene	ug/l	1.00				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic						
Aromatics	ug/l	1.00				
Dilution Factor		1	1	1	1	1
Analysis Date		10/22/03	10/22/03	10/23/03	10/23/03	10/23/03
Analysis Time		12:46	10:48	11:01	17:32	18:12
Batch ID		1022B	1022B	1022B	1022B	1022B
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54025-25	Method Blank	Liquid	10/15/03		
54025-26	LCS % Recovery	Liquid	10/15/03		
54025-27	LCSD % Recovery	Liquid	10/15/03		
54025-28	PIN15-0561-N001-MS % Recovery	Liquid	10/15/03	10/14/03	
54025-29	PIN15-0561-N001-MSD % Recovery	Liquid	10/15/03	10/14/03	

Parameter	Units	Lab Sample IDs				
		54025-25	54025-26	54025-27	54025-28	54025-29

Arsenic (6010)

Arsenic	mg/l	0.010U	103 %	104 %	107 %	105 %
Dilution Factor		1	1	1	1	1
Prep Date		10/16/03	10/16/03	10/16/03	10/16/03	10/16/03
Prep Time		16:43	16:43	16:43	16:43	16:43
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		13:07	13:13	13:20	13:39	13:45
Batch ID		1016M	1016M	1016M	1016M	1016M
Quantitation Factor		1.000				

Chromium (6010)

Chromium	mg/l	0.010U	100 %	102 %	99 %	98 %
Dilution Factor		1	1	1	1	1
Prep Date		10/16/03	10/16/03	10/16/03	10/16/03	10/16/03
Prep Time		16:43	16:43	16:43	16:43	16:43
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		13:07	13:13	13:20	13:39	13:45
Batch ID		1016M	1016M	1016M	1016M	1016M
Quantitation Factor		1.000				

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

35 4025

Serial Number

04147

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

SEVERN
TRENT

STL

Traub cell
970 260 6018

PROJECT REFERENCE <i>Pinellas Quarter by</i>	PROJECT NO.	PROJECT LOCATION (STATE) <i>FL</i>	MATRIX TYPE	REQUIRED ANALYSIS										PAGE	OF
SAMPLER'S SIGNATURE <i>David Traub</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...) <i>HCl 8021</i> <i>Co2</i> <i>Hmg As</i>	PRESERVATIVE										STANDARD REPORT DELIVERY <input type="radio"/>	
CLIENT (SITE) PM <i>Julian Caballero</i>	CLIENT PHONE <i>813 376 1498</i>	CLIENT FAX												DATE DUE _____	
CLIENT NAME <i>S. M. Stoller</i>	CLIENT E-MAIL	EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="radio"/>													
CLIENT ADDRESS <i>7887 Bryan Dairy Rd, Suite 260, Largo, 33777</i>		DATE DUE _____													
COMPANY CONTRACTING THIS WORK (if applicable)														NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS	
DATE	TIME							1	2	3	4	5	6	7	8	9	10		
<i>10-14-03</i>	<i>1245</i>	<i>15-0561</i>	<i>X</i>					<i>3</i>	<i>1</i>										
<i>1200</i>	<i>15-0587</i>							<i>3</i>	<i>1</i>										
<i>1320</i>	<i>15-0560</i>							<i>3</i>	<i>1</i>										
<i>1400</i>	<i>15-0580</i>																		
<i>1430</i>	<i>15-0563</i>																		
<i>1505</i>	<i>15-0562</i>																		
<i>1555</i>	<i>15-0565</i>																		
<i>10-15-03</i>	<i>0835</i>	<i>15-0564</i>																	
<i>0915</i>	<i>15-0567</i>																		
<i>1000</i>	<i>15-0566</i>																		
<i>1155</i>	<i>15-M 34 D</i>																		
<i>1040</i>	<i>15-0536</i>																		

RELINQUISHED BY: (SIGNATURE) <i>David Traub</i>	DATE <i>9-30-03</i>	TIME <i>1500</i>	RELINQUISHED BY: (SIGNATURE) <i>David Traub</i>	DATE <i>10-15-03</i>	TIME <i>1500</i>	RELINQUISHED BY: (SIGNATURE) <i>Lawrence Melley</i>	DATE <i>10-15-03</i>	TIME <i>1555</i>
RECEIVED BY: (SIGNATURE) <i>Lawrence Melley</i>	DATE <i>10-15-03</i>	TIME <i>1555</i>	RECEIVED BY: (SIGNATURE) <i>Lawrence Melley</i>	DATE <i>10-15-03</i>	TIME <i>1500</i>	RECEIVED BY: (SIGNATURE) <i>David C. Kelle</i>	DATE <i>10-15-03</i>	TIME <i>1555</i>

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>David C. Kelle</i>	DATE <i>10-16-03</i>	TIME <i>1105</i>	CUSTODY INTACT YES <input checked="" type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO. <i>N/S</i>	STL TAMPA LOG NO. <i>B354025</i>	LABORATORY REMARKS
--	-------------------------	---------------------	--	--------------------------------	-------------------------------------	--------------------

RECEIVED

NOV 03 2003

Case Narrative: STL Project B354026

Date: October 28, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

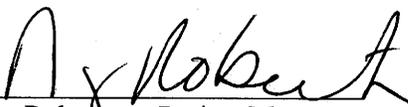
Laboratory: STL Tampa

Analysis Requested: 8021, Arsenic

Eighteen liquid samples were received on October 15, 2003 and logged in as STL Project B354026. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B354026-1	PIN15-0594-N001 <i>trip blank</i>	10.15.03
B354026-2	PIN15-RW03-N001	10.15.03
B354026-3	PIN15-RW06-N001	10.15.03
B354026-4	PIN15-RW12-N001	10.15.03
B354026-5	PIN15-RW13-N001	10.15.03
B354026-6	PIN15-RW14-N001	10.15.03
B354026-7	PIN15-RW15-N001	10.15.03
B354026-8	PIN15-RW16-N001	10.15.03
B354026-9	PIN15-RW17-N001	10.15.03
B354026-10	PIN15- S29D -N001 <i>M29D</i>	10.15.03
B354026-11	PIN15- S29S -N001 <i>M29S</i>	10.15.03
B354026-12	PIN15-0570-N001	10.15.03
B354026-13	PIN15-M31D-N001 <i>original</i>	10.15.03
B354026-14	PIN15-M31S-N001	10.15.03
B354026-15	PIN15-0568-N001	10.15.03
B354026-16	PIN15-0569-N001	10.15.03
B354026-17	PIN15-0582-N001 <i>duplicate</i>	10.15.03
B354026-18	PIN15- S35D -N001 <i>M35D</i>	10.15.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B354026
SDG Number:
Client Project ID:
Project: Pinellas Star Center/Quarterly
Report Date: 10/28/2003
Sampled By: Client
Sample Received Date: 10/15/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354026
Date Received: 10/15/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center/Quarterly

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0594-N001	B354026*1	Liquid	10/15/2003
PIN15-RW03-N001	B354026*2	Liquid	10/15/2003 09:20
PIN15-RW06-N001	B354026*3	Liquid	10/15/2003 09:25
PIN15-RW12-N001	B354026*4	Liquid	10/15/2003 09:30
PIN15-RW13-N001	B354026*5	Liquid	10/15/2003 09:16
PIN15-RW14-N001	B354026*6	Liquid	10/15/2003 09:12
PIN15-RW15-N001	B354026*7	Liquid	10/15/2003 09:07
PIN15-RW16-N001	B354026*8	Liquid	10/15/2003 09:40
PIN15-RW17-N001	B354026*9	Liquid	10/15/2003 09:35
PIN15-S29D-N001	B354026*10	Liquid	10/15/2003 11:02
PIN15-S29S-N001	B354026*11	Liquid	10/15/2003 11:30
PIN15-0570-N001	B354026*12	Liquid	10/15/2003 14:19
PIN15-M31D-N001	B354026*13	Liquid	10/15/2003 12:35
PIN15-M31S-N001	B354026*14	Liquid	10/15/2003 12:55
PIN15-0568-N001	B354026*15	Liquid	10/15/2003 14:10
PIN15-0569-N001	B354026*16	Liquid	10/15/2003 14:40
PIN15-0582-N001	B354026*17	Liquid	10/15/2003 08:50
PIN15-S35D-N001	B354026*18	Liquid	10/15/2003 13:12

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-1	PIN15-0594-N001	Liquid	10/15/03	10/15/03	
54026-2	PIN15-RW03-N001	Liquid	10/15/03	10/15/03 09:20	
54026-3	PIN15-RW06-N001	Liquid	10/15/03	10/15/03 09:25	
54026-4	PIN15-RW12-N001	Liquid	10/15/03	10/15/03 09:30	
54026-5	PIN15-RW13-N001	Liquid	10/15/03	10/15/03 09:16	

Parameter	Units	Lab Sample IDs				
		54026-1	54026-2	54026-3	54026-4	54026-5
Halogenated and Aromatic Volatiles (8021)						
cis-1,2-Dichloroethene	ug/l		18000	50000	5200	1.1J
Methylene chloride (Dichloromethane)	ug/l		82000	170000		
Toluene	ug/l		7400	11000	290	82
Trichloroethene	ug/l		12000	7200	120	
Vinyl chloride	ug/l		11000		6400	180
Total Volatile Organic						
Aromatics	ug/l		7400	11000	290	94
Benzene	ug/l					12

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-6	PIN15-RW14-N001	Liquid	10/15/03	10/15/03 09:12	
54026-7	PIN15-RW15-N001	Liquid	10/15/03	10/15/03 09:07	
54026-8	PIN15-RW16-N001	Liquid	10/15/03	10/15/03 09:40	
54026-9	PIN15-RW17-N001	Liquid	10/15/03	10/15/03 09:35	
54026-10	PIN15-S29D-N001	Liquid	10/15/03	10/15/03 11:02	

Parameter	Units	Lab Sample IDs				
		54026-6	54026-7	54026-8	54026-9	54026-10

Halogenated and Aromatic Volatiles (8021)						
cis-1,2-Dichloroethene	ug/l	1700	740	340	58000	
Vinyl chloride	ug/l	1400	250	890	15000	
Trichloroethene	ug/l		2100			

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-11	PIN15-S29S-N001	Liquid	10/15/03	10/15/03 11:30	
54026-12	PIN15-0570-N001	Liquid	10/15/03	10/15/03 14:19	
54026-13	PIN15-M31D-N001	Liquid	10/15/03	10/15/03 12:35	
54026-14	PIN15-M31S-N001	Liquid	10/15/03	10/15/03 12:55	
54026-15	PIN15-0568-N001	Liquid	10/15/03	10/15/03 14:10	

Parameter	Units	Lab Sample IDs				
		54026-11	54026-12	54026-13	54026-14	54026-15

Halogenated and Aromatic Volatiles (8021)						
Benzene	ug/l			8.4		
Vinyl chloride	ug/l			12		
Total Volatile Organic Aromatics	ug/l			8.4		
Arsenic (6010)						
Arsenic	mg/l	0.019	0.0080J	0.0054J	0.0068J	0.0061J

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-16	PIN15-0569-N001	Liquid	10/15/03	10/15/03 14:40	
54026-17	PIN15-0582-N001	Liquid	10/15/03	10/15/03 08:50	

Parameter	Units	Lab Sample IDs	
		54026-16	54026-17
Halogenated and Aromatic Volatiles (8021)			
Benzene	ug/l	1.8	8.5
Vinyl chloride	ug/l	13	12
Total Volatile Organic Aromatics	ug/l	1.8	8.5
Arsenic (6010)			
Arsenic	mg/l	0.0053J	0.0062J

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-18	PIN15-S35D-N001	Liquid	10/15/03	10/15/03 13:12	

Parameter	Units	Lab Sample IDs
Arsenic (6010)		
Arsenic	mg/l	54026-18
		0.027

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

*F65 = Elevated detection limits were reported due to sample matrix interference which required sample or extract dilution.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B354026
SDG Number:
Client Project ID:
Project: Pinellas Star Center/Quarterly
Report Date: 10/28/2003
Sampled By: Client
Sample Received Date: 10/15/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354026
Date Received: 10/15/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center/Quarterly

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-0594-N001	B354026*1	Liquid	10/15/2003
PIN15-RW03-N001	B354026*2	Liquid	10/15/2003 09:20
PIN15-RW06-N001	B354026*3	Liquid	10/15/2003 09:25
PIN15-RW12-N001	B354026*4	Liquid	10/15/2003 09:30
PIN15-RW13-N001	B354026*5	Liquid	10/15/2003 09:16
PIN15-RW14-N001	B354026*6	Liquid	10/15/2003 09:12
PIN15-RW15-N001	B354026*7	Liquid	10/15/2003 09:07
PIN15-RW16-N001	B354026*8	Liquid	10/15/2003 09:40
PIN15-RW17-N001	B354026*9	Liquid	10/15/2003 09:35
PIN15-S29D-N001	B354026*10	Liquid	10/15/2003 11:02
PIN15-S29S-N001	B354026*11	Liquid	10/15/2003 11:30
PIN15-0570-N001	B354026*12	Liquid	10/15/2003 14:19
PIN15-M31D-N001	B354026*13	Liquid	10/15/2003 12:35
PIN15-M31S-N001	B354026*14	Liquid	10/15/2003 12:55
PIN15-0568-N001	B354026*15	Liquid	10/15/2003 14:10
PIN15-0569-N001	B354026*16	Liquid	10/15/2003 14:40
PIN15-0582-N001	B354026*17	Liquid	10/15/2003 08:50
PIN15-S35D-N001	B354026*18	Liquid	10/15/2003 13:12

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-1	PIN15-0594-N001	Liquid	10/15/03	10/15/03	
54026-2	PIN15-RW03-N001	Liquid	10/15/03	10/15/03 09:20	
54026-3	PIN15-RW06-N001	Liquid	10/15/03	10/15/03 09:25	
54026-4	PIN15-RW12-N001	Liquid	10/15/03	10/15/03 09:30	
54026-5	PIN15-RW13-N001	Liquid	10/15/03	10/15/03 09:16	

Parameter	Units	Lab Sample IDs				
		54026-1	54026-2	54026-3	54026-4	54026-5
Halogenated and Aromatic Volatiles (8021)						
Benzene	ug/l	1.0U	2500U	5000U	100U	12
Bromodichloromethane	ug/l	1.0U	2500U	5000U	100U	5.0U
Bromoform	ug/l	5.0U	12000U	25000U	500U	25U
Bromomethane (Methyl bromide)	ug/l	1.0U	2500U	5000U	100U	5.0U
Carbon tetrachloride	ug/l	1.0U	2500U	5000U	100U	5.0U
Chlorobenzene	ug/l	1.0U	2500U	5000U	100U	5.0U
Chloroethane	ug/l	1.0U	2500U	5000U	100U	5.0U
Chloroform	ug/l	1.0U	2500U	5000U	100U	5.0U
Chloromethane	ug/l	1.0U	2500U	5000U	100U	5.0U
Dibromochloromethane	ug/l	1.0U	2500U	5000U	100U	5.0U
1,2-Dichlorobenzene	ug/l	1.0U	2500U	5000U	100U	5.0U
1,3-Dichlorobenzene	ug/l	1.0U	2500U	5000U	100U	5.0U
1,4-Dichlorobenzene	ug/l	1.0U	2500U	5000U	100U	5.0U
Dichlorodifluoromethane	ug/l	1.0U	2500U	5000U	100U	5.0U
1,1-Dichloroethane	ug/l	1.0U	2500U	5000U	100U	5.0U
1,2-Dichloroethane	ug/l	1.0U	2500U	5000U	100U	5.0U
1,1-Dichloroethene	ug/l	1.0U	2500U	5000U	100U	5.0U
cis-1,2-Dichloroethene	ug/l	1.0U	1800U	5000U	520U	1.1J
trans-1,2-Dichloroethene	ug/l	1.0U	2500U	5000U	100U	5.0U
1,2-Dichloropropane	ug/l	1.0U	2500U	5000U	100U	5.0U
cis-1,3-Dichloropropene	ug/l	1.0U	2500U	5000U	100U	5.0U
trans-1,3-Dichloropropene	ug/l	1.0U	2500U	5000U	100U	5.0U
Ethylbenzene	ug/l	1.0U	2500U	5000U	100U	5.0U
Methylene chloride						
(Dichloromethane)	ug/l	5.0U	8200U	17000U	500U	25U
1,1,2,2-Tetrachloroethane	ug/l	1.0U	2500U	5000U	100U	5.0U
Tetrachloroethene	ug/l	1.0U	2500U	5000U	100U	5.0U
Toluene	ug/l	1.0U	740U	1100U	29U	82
1,1,1-Trichloroethane	ug/l	1.0U	2500U	5000U	100U	5.0U
1,1,2-Trichloroethane	ug/l	1.0U	2500U	5000U	100U	5.0U
Trichloroethene	ug/l	1.0U	1200U	720U	12U	5.0U
Trichlorofluoromethane	ug/l	1.0U	2500U	5000U	100U	5.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-1	PIN15-0594-N001	Liquid	10/15/03	10/15/03	
54026-2	PIN15-RW03-N001	Liquid	10/15/03	10/15/03 09:20	
54026-3	PIN15-RW06-N001	Liquid	10/15/03	10/15/03 09:25	
54026-4	PIN15-RW12-N001	Liquid	10/15/03	10/15/03 09:30	
54026-5	PIN15-RW13-N001	Liquid	10/15/03	10/15/03 09:16	

Parameter	Units	Lab Sample IDs				
		54026-1	54026-2	54026-3	54026-4	54026-5

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U	11000	5000U	6400	180
o-Xylene	ug/l	1.0U	2500U	5000U	100U	5.0U
m&p-Xylene	ug/l	1.0U	2500U	5000U	100U	5.0U
2-Chloroethylvinyl ether	ug/l	10U	25000U	50000U	1000U	50U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	25000U	50000U	1000U	50U
Total Volatile Organic						
Aromatics	ug/l	1.0U	7400	11000	290	94
Dilution Factor		1	2500	5000	100	5
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		19:42	02:22	20:17	03:34	04:09
Batch ID		1022E	1022E	1022E	1022E	1022E
Quantitation Factor		1.000	2500	5000	100.0	5.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-6	PIN15-RW14-N001	Liquid	10/15/03	10/15/03 09:12	
54026-7	PIN15-RW15-N001	Liquid	10/15/03	10/15/03 09:07	
54026-8	PIN15-RW16-N001	Liquid	10/15/03	10/15/03 09:40	
54026-9	PIN15-RW17-N001	Liquid	10/15/03	10/15/03 09:35	
54026-10	PIN15-S29D-N001	Liquid	10/15/03	10/15/03 11:02	

Parameter	Units	Lab Sample IDs				
		54026-6	54026-7	54026-8	54026-9	54026-10

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	100U	50U	25U	1000U	25U *F65
Bromodichloromethane	ug/l	100U	50U	25U	1000U	25U
Bromoform	ug/l	500U	250U	120U	5000U	120U
Bromomethane (Methyl bromide)	ug/l	100U	50U	25U	1000U	25U
Carbon tetrachloride	ug/l	100U	50U	25U	1000U	25U
Chlorobenzene	ug/l	100U	50U	25U	1000U	25U
Chloroethane	ug/l	100U	50U	25U	1000U	25U
Chloroform	ug/l	100U	50U	25U	1000U	25U
Chloromethane	ug/l	100U	50U	25U	1000U	25U
Dibromochloromethane	ug/l	100U	50U	25U	1000U	25U
1,2-Dichlorobenzene	ug/l	100U	50U	25U	1000U	25U
1,3-Dichlorobenzene	ug/l	100U	50U	25U	1000U	25U
1,4-Dichlorobenzene	ug/l	100U	50U	25U	1000U	25U
Dichlorodifluoromethane	ug/l	100U	50U	25U	1000U	25U
1,1-Dichloroethane	ug/l	100U	50U	25U	1000U	25U
1,2-Dichloroethane	ug/l	100U	50U	25U	1000U	25U
1,1-Dichloroethene	ug/l	100U	50U	25U	1000U	25U
cis-1,2-Dichloroethene	ug/l	1700	740	340	58000	25U
trans-1,2-Dichloroethene	ug/l	100U	50U	25U	1000U	25U
1,2-Dichloropropane	ug/l	100U	50U	25U	1000U	25U
cis-1,3-Dichloropropene	ug/l	100U	50U	25U	1000U	25U
trans-1,3-Dichloropropene	ug/l	100U	50U	25U	1000U	25U
Ethylbenzene	ug/l	100U	50U	25U	1000U	25U
Methylene chloride (Dichloromethane)	ug/l	500U	250U	120U	5000U	120U
1,1,2,2-Tetrachloroethane	ug/l	100U	50U	25U	1000U	25U
Tetrachloroethene	ug/l	100U	50U	25U	1000U	25U
Toluene	ug/l	100U	50U	25U	1000U	25U
1,1,1-Trichloroethane	ug/l	100U	50U	25U	1000U	25U
1,1,2-Trichloroethane	ug/l	100U	50U	25U	1000U	25U
Trichloroethene	ug/l	100U	2100	25U	1000U	25U
Trichlorofluoromethane	ug/l	100U	50U	25U	1000U	25U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-6	PIN15-RW14-N001	Liquid	10/15/03	10/15/03 09:12	
54026-7	PIN15-RW15-N001	Liquid	10/15/03	10/15/03 09:07	
54026-8	PIN15-RW16-N001	Liquid	10/15/03	10/15/03 09:40	
54026-9	PIN15-RW17-N001	Liquid	10/15/03	10/15/03 09:35	
54026-10	PIN15-S29D-N001	Liquid	10/15/03	10/15/03 11:02	

Parameter	Units	Lab Sample IDs				
		54026-6	54026-7	54026-8	54026-9	54026-10

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1400	250	890	15000	25U
o-Xylene	ug/l	100U	50U	25U	1000U	25U
m&p-Xylene	ug/l	100U	50U	25U	1000U	25U
2-Chloroethylvinyl ether	ug/l	1000U	500U	250U	10000U	250U
Methyl Tert Butyl Ether (MTBE)	ug/l	1000U	500U	250U	10000U	250U
Total Volatile Organic						
Aromatics	ug/l	100U	50U	25U	1000U	25U
Dilution Factor		100	50	25	1000	25
Analysis Date		10/27/03	10/23/03	10/23/03	10/23/03	10/27/03
Analysis Time		16:18	05:20	05:56	06:31	16:53
Batch ID		1022E	1022E	1022E	1022E	1022E
Quantitation Factor		100.0	50.00	25.00	1000	25.00

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-11	PIN15-S29S-N001	Liquid	10/15/03	10/15/03 11:30	
54026-12	PIN15-0570-N001	Liquid	10/15/03	10/15/03 14:19	
54026-13	PIN15-M31D-N001	Liquid	10/15/03	10/15/03 12:35	
54026-14	PIN15-M31S-N001	Liquid	10/15/03	10/15/03 12:55	
54026-15	PIN15-0568-N001	Liquid	10/15/03	10/15/03 14:10	

Parameter	Units	Lab Sample IDs				
		54026-11	54026-12	54026-13	54026-14	54026-15
Halogenated and Aromatic Volatiles (8021)						
Benzene	ug/l	25U *F65	1.0U	8.4	1.0U	1.0U
Bromodichloromethane	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Bromoform	ug/l	120U	5.0U	5.0U	5.0U	5.0U
Bromomethane (Methyl bromide)	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Carbon tetrachloride	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Chlorobenzene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Chloroethane	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Chloroform	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Chloromethane	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Dibromochloromethane	ug/l	25U	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
1,3-Dichlorobenzene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Dichlorodifluoromethane	ug/l	25U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethane	ug/l	25U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloroethane	ug/l	25U	1.0U	1.0U	1.0U	1.0U
1,1-Dichloroethene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
cis-1,2-Dichloroethene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
trans-1,2-Dichloroethene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
1,2-Dichloropropane	ug/l	25U	1.0U	1.0U	1.0U	1.0U
cis-1,3-Dichloropropene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
trans-1,3-Dichloropropene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Ethylbenzene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Methylene chloride (Dichloromethane)	ug/l	120U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-Tetrachloroethane	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Tetrachloroethene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Toluene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
1,1,1-Trichloroethane	ug/l	25U	1.0U	1.0U	1.0U	1.0U
1,1,2-Trichloroethane	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Trichloroethene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
Trichlorofluoromethane	ug/l	25U	1.0U	1.0U	1.0U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-11	PIN15-S29S-N001	Liquid	10/15/03	10/15/03 11:30	
54026-12	PIN15-0570-N001	Liquid	10/15/03	10/15/03 14:19	
54026-13	PIN15-M31D-N001	Liquid	10/15/03	10/15/03 12:35	
54026-14	PIN15-M31S-N001	Liquid	10/15/03	10/15/03 12:55	
54026-15	PIN15-0568-N001	Liquid	10/15/03	10/15/03 14:10	

Parameter	Units	Lab Sample IDs				
		54026-11	54026-12	54026-13	54026-14	54026-15

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	25U	1.0U	12	1.0U	1.0U
o-Xylene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
m&p-Xylene	ug/l	25U	1.0U	1.0U	1.0U	1.0U
2-Chloroethylvinyl ether	ug/l	250U	10U	10U	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	250U	10U	10U	10U	10U
Total Volatile Organic						
Aromatics	ug/l	25U	1.0U	8.4	1.0U	1.0U
Dilution Factor		25	1	1	1	1
Analysis Date		10/27/03	10/24/03	10/24/03	10/23/03	10/24/03
Analysis Time		17:29	15:26	16:02	17:19	17:13
Batch ID		1022E	1022E	1022E	1022E	1022E
Quantitation Factor		25.00	1.000	1.000	1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.019	0.0080J	0.0054J	0.0068J	0.0061J
Dilution Factor		1	1	1	1	1
Prep Date		10/16/03	10/16/03	10/16/03	10/16/03	10/16/03
Prep Time		16:08	16:08	16:08	16:08	16:08
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		15:54	15:59	16:03	16:17	16:22
Batch ID		1016K	1016K	1016K	1016K	1016K
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-16	PIN15-0569-N001	Liquid	10/15/03	10/15/03 14:40	
54026-17	PIN15-0582-N001	Liquid	10/15/03	10/15/03 08:50	

Parameter	Units	Lab Sample IDs	
		54026-16	54026-17

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.8	8.5
Bromodichloromethane	ug/l	1.00	1.00
Bromoform	ug/l	5.00	5.00
Bromomethane (Methyl bromide)	ug/l	1.00	1.00
Carbon tetrachloride	ug/l	1.00	1.00
Chlorobenzene	ug/l	1.00	1.00
Chloroethane	ug/l	1.00	1.00
Chloroform	ug/l	1.00	1.00
Chloromethane	ug/l	1.00	1.00
Dibromochloromethane	ug/l	1.00	1.00
1,2-Dichlorobenzene	ug/l	1.00	1.00
1,3-Dichlorobenzene	ug/l	1.00	1.00
1,4-Dichlorobenzene	ug/l	1.00	1.00
Dichlorodifluoromethane	ug/l	1.00	1.00
1,1-Dichloroethane	ug/l	1.00	1.00
1,2-Dichloroethane	ug/l	1.00	1.00
1,1-Dichloroethene	ug/l	1.00	1.00
cis-1,2-Dichloroethene	ug/l	1.00	1.00
trans-1,2-Dichloroethene	ug/l	1.00	1.00
1,2-Dichloropropane	ug/l	1.00	1.00
cis-1,3-Dichloropropene	ug/l	1.00	1.00
trans-1,3-Dichloropropene	ug/l	1.00	1.00
Ethylbenzene	ug/l	1.00	1.00
Methylene chloride			
(Dichloromethane)	ug/l	5.00	5.00
1,1,2,2-Tetrachloroethane	ug/l	1.00	1.00
Tetrachloroethene	ug/l	1.00	1.00
Toluene	ug/l	1.00	1.00
1,1,1-Trichloroethane	ug/l	1.00	1.00
1,1,2-Trichloroethane	ug/l	1.00	1.00
Trichloroethene	ug/l	1.00	1.00
Trichlorofluoromethane	ug/l	1.00	1.00
Vinyl chloride	ug/l	13	12
o-Xylene	ug/l	1.00	1.00
m&p-Xylene	ug/l	1.00	1.00

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-16	PIN15-0569-N001	Liquid	10/15/03	10/15/03 14:40	
54026-17	PIN15-0582-N001	Liquid	10/15/03	10/15/03 08:50	

Parameter	Units	Lab Sample IDs	
		54026-16	54026-17

Halogenated and Aromatic Volatiles (8021)

2-Chloroethylvinyl ether	ug/l	10U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	10U	10U
Total Volatile Organic			
Aromatics	ug/l	1.8	8.5
Dilution Factor		1	1
Analysis Date		10/23/03	10/24/03
Analysis Time		18:31	17:49
Batch ID		1022E	1022E
Quantitation Factor		1.000	1.000

Arsenic (6010)

Arsenic	mg/l	0.0053J	0.0062J
Dilution Factor		1	1
Prep Date		10/16/03	10/16/03
Prep Time		16:08	16:08
Analysis Date		10/23/03	10/23/03
Analysis Time		16:27	16:32
Batch ID		1016K	1016K
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-18	PIN15-S35D-N001	Liquid	10/15/03	10/15/03 13:12	

Parameter	Units	Lab Sample IDs
		54026-18

Arsenic (6010)

Arsenic	mg/l	0.027
Dilution Factor		1
Prep Date		10/16/03
Prep Time		16:08
Analysis Date		10/23/03
Analysis Time		16:36
Batch ID		1016K
Quantitation Factor		1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-19	Method Blank	Liquid	10/15/03		
54026-20	LCS % Recovery	Liquid	10/15/03		
54026-21	LCSD % Recovery	Liquid	10/15/03		
54026-22	PIN15-0594-N001-MS % Recovery	Liquid	10/15/03	10/15/03	
54026-23	PIN15-0594-N001-MSD % Recovery	Liquid	10/15/03	10/15/03	

Parameter	Units	Lab Sample IDs				
		54026-19	54026-20	54026-21	54026-22	54026-23

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	90 %	86 %	95 %	100 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	97 %	86 %	100 %	120 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	87 %	76 %	91 %	160 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	77 %	73 %	84 %	94 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	91 %	83 %	68 %	90 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-19	Method Blank	Liquid	10/15/03		
54026-20	LCS % Recovery	Liquid	10/15/03		
54026-21	LCSD % Recovery	Liquid	10/15/03		
54026-22	PIN15-0594-N001-MS % Recovery	Liquid	10/15/03	10/15/03	
54026-23	PIN15-0594-N001-MSD % Recovery	Liquid	10/15/03	10/15/03	

Parameter	Units	Lab Sample IDs				
		54026-19	54026-20	54026-21	54026-22	54026-23

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U				
o-Xylene	ug/l	1.0U				
m&p-Xylene	ug/l	1.0U				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic						
Aromatics	ug/l	1.0U				
Dilution Factor		1	1	1	1	1
Analysis Date		10/23/03	10/22/03	10/22/03	10/23/03	10/23/03
Analysis Time		01:11	12:41	22:12	10:23	23:15
Batch ID		1022E	1022E	1022E	1022E	1022E
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54026-24	Method Blank	Liquid	10/15/03		
54026-25	LCS % Recovery	Liquid	10/15/03		
54026-26	LCSD % Recovery	Liquid	10/15/03		
54026-27	BATCH-MS % Recovery	Liquid	10/15/03		
54026-28	BATCH-MSD % Recovery	Liquid	10/15/03		

Parameter	Units	Lab Sample IDs				
		54026-24	54026-25	54026-26	54026-27	54026-28
Arsenic (6010)						
Arsenic	mg/l	0.010U	104 %	107 %	105 %	106 %
Dilution Factor		1	1	1	1	1
Prep Date		10/16/03	10/16/03	10/16/03	10/16/03	10/16/03
Prep Time		16:08	16:08	16:08	16:08	16:08
Analysis Date		10/23/03	10/23/03	10/23/03	10/23/03	10/23/03
Analysis Time		14:08	14:13	14:18	14:32	14:36
Batch ID		1016K	1016K	1016K	1016K	1016K
Quantitation Factor		1.000				

Method: EPA SW-846
DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

*F65 = Elevated detection limits were reported due to sample matrix interference which required sample or extract dilution.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

SEVERN
TRENT

STL

35 4026

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 2							
SAMPLER'S SIGNATURE <i>Julian Cebalero</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT...)	He1	HNO3	VOC-8021	Arsenic	PRESERVATIVE													STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	DATE DUE _____
CLIENT (SITE) PM Julian Cebalero	CLIENT PHONE 727.541.8103	CLIENT FAX 545.1121																			EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	DATE DUE _____
CLIENT NAME S.M. Stoller	CLIENT E-MAIL																				NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1	
CLIENT ADDRESS 7887 Bryan Dairy Rd., Suite 260, Largo, FL	COMPANY CONTRACTING THIS WORK (if applicable)																					

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS			
DATE	TIME							1	2	3	4	5	6	7	8	9	10		11	12	
10-15-03	—	PIN15-0594-N001	G	✓			3														
	0920	PIN15-RW03-N001	G	✓			3														
	0925	PIN15-RW06-N001	G	✓			3														
	0930	PIN15-RW12-N001	G	✓			3														
	0916	PIN15-RW13-N001	G	✓			3														
	0912	PIN15-RW14-N001	G	✓			3														
	0907	PIN15-RW15-N001	G	✓			3														
	0940	PIN15-RW16-N001	G	✓			3														
	0935	PIN15-RW17-N001	G	✓			3														
	1102	PIN15-529D-N001 M29D <small>CRK 11/13/03</small>	G	✓			3														
	1130	PIN15-529S-N001 M29S <small>CRK 11/13/03</small>	G	✓			3	1													
	1312	PIN15-535D-N001 M35S <small>CRK 11/13/03</small>	G	✓			3	1													

RELINQUISHED BY: (SIGNATURE) <i>Julian Cebalero</i>	DATE 9-30-03	TIME 1500	RELINQUISHED BY: (SIGNATURE) <i>Julian Cebalero</i>	DATE 10-15-03	TIME 1500	RELINQUISHED BY: (SIGNATURE) <i>Lauren Melley</i>	DATE 10-15-03	TIME 1555
RECEIVED BY: (SIGNATURE) <i>Julian Cebalero</i>	DATE 10-01-03	TIME 1100	RECEIVED BY: (SIGNATURE) <i>Lauren Melley</i>	DATE 10-15-03	TIME 1500	RECEIVED BY: (SIGNATURE) <i>Andry C. Smith</i>	DATE 10-15-03	TIME 1555

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>Charles E. Jones</i>	DATE 10-16-03	TIME 1125	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. NIS	STL TAMPA LOG NO. 8854026	LABORATORY REMARKS
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
 6712 Benjamin Road, Suite 100
 Tampa, FL 33634

Website: www.stl-inc.com
 Phone: (813) 885-7427
 Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
 Fax:

SEVERN
TRENT

STL *Tranb coll*
970 260 6016

35 4026

PROJECT REFERENCE <i>Pinellas Quarterly</i>	PROJECT NO.	PROJECT LOCATION (STATE) <i>FL</i>	MATRIX TYPE	REQUIRED ANALYSIS										PAGE	OF								
SAMPLER'S SIGNATURE <i>David Tranb</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)	HCl cal	MnO3 As	8021	As	PRESERVATIVE													STANDARD REPORT DELIVERY	<input type="checkbox"/>	DATE DUE _____
CLIENT (SITE) PM <i>Jukan Caballero</i>	CLIENT PHONE <i>813 376 1498</i>	CLIENT FAX																			EXPEDITED REPORT DELIVERY (SURCHARGE)	<input type="checkbox"/>	DATE DUE _____
CLIENT NAME <i>S. M. Stoller</i>	CLIENT E-MAIL																				NUMBER OF COOLERS SUBMITTED PER SHIPMENT:		
CLIENT ADDRESS <i>7887 Bryan Dairy Rd. Suite 260, Largo 33777</i>	COMPANY CONTRACTING THIS WORK (if applicable)																						

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS					
DATE	TIME																						
<i>10-15-03</i>	<i>1235</i>	<i>15-M31D</i>						<i>3</i>	<i>1</i>														
<i>↓</i>	<i>1255</i>	<i>15-M31S</i>						<i>↓</i>	<i>↓</i>														
	<i>1410</i>	<i>15-0568</i>						<i>↓</i>	<i>↓</i>														
	<i>1440</i>	<i>15-0569</i>						<i>↓</i>	<i>↓</i>														
<i>↓</i>	<i>0950</i>	<i>15-0582</i>						<i>↓</i>	<i>↓</i>														

RELINQUISHED BY: (SIGNATURE) <i>David Tranb</i>	DATE <i>9-30-03</i>	TIME <i>1500</i>	RELINQUISHED BY: (SIGNATURE) <i>David Tranb</i>	DATE <i>10-15-03</i>	TIME <i>1500</i>	RELINQUISHED BY: (SIGNATURE) <i>Lawrence Melley</i>	DATE <i>10-15-03</i>	TIME <i>1555</i>
RECEIVED BY: (SIGNATURE) <i>Lawrence Melley</i>	DATE <i>10-15-03</i>	TIME <i>1500</i>	RECEIVED BY: (SIGNATURE) <i>Lawrence Melley</i>	DATE <i>10-15-03</i>	TIME <i>1500</i>	RECEIVED BY: (SIGNATURE) <i>David Tranb</i>	DATE <i>10-15-03</i>	TIME <i>1555</i>

RECEIVED FOR LABORATORY BY (SIGNATURE) <i>Christy...</i>	DATE <i>10-16-03</i>	TIME <i>1125</i>	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. <i>NIS</i>	STL TAMPA LOG NO. <i>8354026</i>	LABORATORY REMARKS
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Appendix B

Laboratory Reports for Northeast Site Treatment System—October through December 2003

RECEIVED

NOV 03 2003

Case Narrative: STL Project B354090**Date:** October 27, 2003**Client:** S. M. Stoller Corporation**Project:** Pinellas Star Center**Laboratory:** STL Tampa**Analysis Requested:** 8021, Iron, Hardness

Two liquid samples were received on October 21, 2003 and logged in as STL Project B354090. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B354090-1	PIN15-INF1-N001	10.21.03
B354090-2	PIN15-EFF1-N001	10.21.03

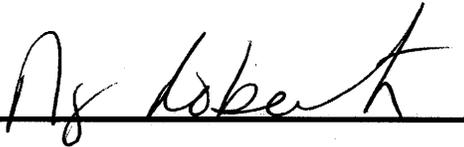
No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B354090
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/27/2003
Sampled By: Client
Sample Received Date: 10/21/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354090
Date Received: 10/21/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-INF1-N001	B354090*1	Liquid	10/21/2003 08:40
PIN15-EFF1-N001	B354090*2	Liquid	10/21/2003 08:45

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54090-1	PIN15-INF1-N001	Liquid	10/21/03	10/21/03 08:40	
54090-2	PIN15-EFF1-N001	Liquid	10/21/03	10/21/03 08:45	

Parameter	Units	Lab Sample IDs	
		54090-1	54090-2
Halogenated and Aromatic Volatiles (8021)			
cis-1,2-Dichloroethene	ug/l	3600	
Methylene chloride (Dichloromethane)	ug/l	3600	
Toluene	ug/l	120	
Trichloroethene	ug/l	1500	
Vinyl chloride	ug/l	860	
Total Volatile Organic Aromatics	ug/l	120	
Chloroform	ug/l		6.8
Iron (6010)			
Iron	mg/l	6.2	3.6
Hardness as CaCO3 (2340B)			
Hardness as CaCO3	mg/l	480	480

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B354090
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 10/27/2003
Sampled By: Client
Sample Received Date: 10/21/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354090
Date Received: 10/21/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID

PIN15-INF1-N001

PIN15-EFF1-N001

Lab Sample ID

B354090*1

B354090*2

Matrix

Liquid

Liquid

Date Sampled

10/21/2003 08:40

10/21/2003 08:45

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54090-1	PIN15-INF1-N001	Liquid	10/21/03	10/21/03 08:40	
54090-2	PIN15-EFF1-N001	Liquid	10/21/03	10/21/03 08:45	

Parameter	Units	Lab Sample IDs	
		54090-1	54090-2

Halogenated and Aromatic Volatiles (8021)

Parameter	Units	54090-1	54090-2
Benzene	ug/l	100U	1.0U
Bromodichloromethane	ug/l	100U	1.0U
Bromoform	ug/l	500U	5.0U
Bromomethane (Methyl bromide)	ug/l	100U	1.0U
Carbon tetrachloride	ug/l	100U	1.0U
Chlorobenzene	ug/l	100U	1.0U
Chloroethane	ug/l	100U	1.0U
Chloroform	ug/l	100U	6.8
Chloromethane	ug/l	100U	1.0U
Dibromochloromethane	ug/l	100U	1.0U
1,2-Dichlorobenzene	ug/l	100U	1.0U
1,3-Dichlorobenzene	ug/l	100U	1.0U
1,4-Dichlorobenzene	ug/l	100U	1.0U
Dichlorodifluoromethane	ug/l	100U	1.0U
1,1-Dichloroethane	ug/l	100U	1.0U
1,2-Dichloroethane	ug/l	100U	1.0U
1,1-Dichloroethene	ug/l	100U	1.0U
cis-1,2-Dichloroethene	ug/l	3600	1.0U
trans-1,2-Dichloroethene	ug/l	100U	1.0U
1,2-Dichloropropane	ug/l	100U	1.0U
cis-1,3-Dichloropropene	ug/l	100U	1.0U
trans-1,3-Dichloropropene	ug/l	100U	1.0U
Ethylbenzene	ug/l	100U	1.0U
Methylene chloride (Dichloromethane)	ug/l	3600	5.0U
1,1,2,2-Tetrachloroethane	ug/l	100U	1.0U
Tetrachloroethene	ug/l	100U	1.0U
Toluene	ug/l	120	1.0U
1,1,1-Trichloroethane	ug/l	100U	1.0U
1,1,2-Trichloroethane	ug/l	100U	1.0U
Trichloroethene	ug/l	1500	1.0U
Trichlorofluoromethane	ug/l	100U	1.0U
Vinyl chloride	ug/l	860	1.0U
o-Xylene	ug/l	100U	1.0U
m&p-Xylene	ug/l	100U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54090-1	PIN15-INF1-N001	Liquid	10/21/03	10/21/03 08:40	
54090-2	PIN15-EFF1-N001	Liquid	10/21/03	10/21/03 08:45	

Parameter	Units	Lab Sample IDs	
		54090-1	54090-2

Halogenated and Aromatic Volatiles (8021)

2-Chloroethylvinyl ether	ug/l	1000U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	1000U	10U
Total Volatile Organic			
Aromatics	ug/l	120	1.0U
Dilution Factor		100	1
Analysis Date		10/22/03	10/22/03
Analysis Time		19:49	19:13
Batch ID		1021E	1021E
Quantitation Factor		100.0	1.000

Iron (6010)

Iron	mg/l	6.2	3.6
Dilution Factor		1	1
Prep Date		10/21/03	10/21/03
Prep Time		15:51	15:51
Analysis Date		10/22/03	10/22/03
Analysis Time		11:16	11:32
Batch ID		1021J	1021J
Quantitation Factor		1.000	1.000

Hardness as CaCO3 (2340B)

Hardness as CaCO3	mg/l	480	480
Dilution Factor		1	1
Prep Date		10/21/03	10/21/03
Prep Time		15:51	15:51
Analysis Date		10/22/03	10/22/03
Analysis Time		11:16	11:32
Batch ID		1021J	1021J
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54090-3	Method Blank	Liquid	10/21/03		
54090-4	LCS % Recovery	Liquid	10/21/03		
54090-5	LCS % Recovery	Liquid	10/21/03		
54090-6	PIN15-EFF1-N001-MS % Recovery	Liquid	10/21/03	10/21/03	
54090-7	PIN15-EFF1-N001-MSD % Recovery	Liquid	10/21/03	10/21/03	

Parameter	Units	Lab Sample IDs				
		54090-3	54090-4	54090-5	54090-6	54090-7

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	100 %	79 %	84 %	90 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	100 %	110 %	93 %	86 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	98 %	120 %	82 %	70 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	100 %	83 %	70 %	76 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	96 %	130 %	80 %	76 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54090-3	Method Blank	Liquid	10/21/03		
54090-4	LCS % Recovery	Liquid	10/21/03		
54090-5	LCSD % Recovery	Liquid	10/21/03		
54090-6	PIN15-EFF1-N001-MS % Recovery	Liquid	10/21/03	10/21/03	
54090-7	PIN15-EFF1-N001-MSD % Recovery	Liquid	10/21/03	10/21/03	

Parameter	Units	Lab Sample IDs				
		54090-3	54090-4	54090-5	54090-6	54090-7

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.0U				
o-Xylene	ug/l	1.0U				
m&p-Xylene	ug/l	1.0U				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic						
Aromatics	ug/l	1.0U				
Dilution Factor		1	1	1	1	1
Analysis Date		10/22/03	10/21/03	10/22/03	10/23/03	10/23/03
Analysis Time		14:28	20:31	01:54	00:00	01:54
Batch ID		1021E	1021E	1021E	1021E	1021E
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54090-8	Method Blank	Liquid	10/21/03		
54090-9	LCS % Recovery	Liquid	10/21/03		
54090-10	LCSD % Recovery	Liquid	10/21/03		
54090-11	PIN15-INF1-N001-MS % Recovery	Liquid	10/21/03	10/21/03	
54090-12	PIN15-INF1-N001-MSD % Recovery	Liquid	10/21/03	10/21/03	

Parameter	Units	Lab Sample IDs				
		54090-8	54090-9	54090-10	54090-11	54090-12
Iron (6010)						
Iron	mg/l	0.050U	106 %	107 %	101 %	98 %
Dilution Factor		1	1	1	1	1
Prep Date		10/21/03	10/21/03	10/21/03	10/21/03	10/21/03
Prep Time		15:51	15:51	15:51	15:51	15:51
Analysis Date		10/22/03	10/22/03	10/22/03	10/22/03	10/22/03
Analysis Time		10:47	10:52	11:07	11:21	11:26
Batch ID		1021J	1021J	1021J	1021J	1021J
Quantitation Factor		1.000				

Hardness as CaCO3 (2340B)						
Hardness as CaCO3	mg/l	3.3U	96 %	97 %	90 %	81 %
Dilution Factor		1	1	1	1	1
Prep Date		10/21/03	10/21/03	10/21/03	10/21/03	10/21/03
Prep Time		15:51	15:51	15:51	15:51	15:51
Analysis Date		10/22/03	10/22/03	10/22/03	10/22/03	10/22/03
Analysis Time		10:47	10:52	11:07	11:21	11:26
Batch ID		1021J	1021J	1021J	1021J	1021J
Quantitation Factor		1.000				

Method: EPA SW-846
DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
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Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

**SEVERN
TRENT**

STL

35 4090

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1							
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)	Hc1	HNO3	VOCs-8021	Fe+Hardness	PRESERVATIVE													STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	DATE DUE _____
CLIENT (SITE) PM Barry Rice	CLIENT PHONE 727.545.6036	CLIENT FAX 549.1121																			EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	DATE DUE _____
CLIENT NAME S.M. Stoller	CLIENT E-MAIL																				NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1	
CLIENT ADDRESS 7887 Bryan Dairy Rd, Suite 260, Largo, FL		COMPANY CONTRACTING THIS WORK (if applicable)																				

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS			
DATE	TIME																				
10-21-03	0840	PINIS-INF1-N001	G	✓				3	1												
10-21-03	0845	PINIS-EFF1-N001	G	✓				3	1												

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 9-30-03	TIME 1430	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-21-03	TIME 1100	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-01-03	TIME 1100	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 10-21-03	TIME 1100	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY (SIGNATURE) <i>[Signature]</i>	DATE 10-21-03	TIME 1150	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. N/E	STL TAMPA LOG NO. B354090	LABORATORY REMARKS
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Case Narrative: STL Project B354342

Date: November 17, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

Laboratory: STL Tampa

Analysis Requested: 8021, Fe, Hardness

Four liquid samples were received on November 5, 2003 and were logged in as STL Project B354342. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B354342-1	PIN12-RW01-N001	11.05.03
B354342-2	PIN12-RW02-N001	11.05.03
B354342-3	PIN15-INF1-N001	11.05.03
B354342-4	PIN15-EFF1-N001	11.05.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B354342
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 11/17/2003
Sampled By: Client
Sample Received Date: 11/05/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354342
Date Received: 11/05/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN12-RW01-N001	B354342*1	Liquid	11/05/2003 10:17
PIN12-RW02-N001	B354342*2	Liquid	11/05/2003 10:15
PIN15-INF1-N001	B354342*3	Liquid	11/05/2003 10:25
PIN15-EFF1-N001	B354342*4	Liquid	11/05/2003 10:30

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54342-1	PIN12-RW01-N001	Liquid	11/05/03	11/05/03 10:17	
54342-2	PIN12-RW02-N001	Liquid	11/05/03	11/05/03 10:15	

Parameter	Units	Lab Sample IDs		
		54342-1	54342-2	
Halogenated and Aromatic Volatiles (8021)				
cis-1,2-Dichloroethene	ug/l	3400	700	
Trichloroethene	ug/l	5700	630	
Vinyl chloride	ug/l	570	49	
trans-1,2-Dichloroethene	ug/l		30	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54342-3	PIN15-INF1-N001	Liquid	11/05/03	11/05/03 10:25	
54342-4	PIN15-EFF1-N001	Liquid	11/05/03	11/05/03 10:30	

Parameter	Units	Lab Sample IDs	
		54342-3	54342-4
Halogenated and Aromatic Volatiles (8021)			
cis-1,2-Dichloroethene	ug/l	2100	
Methylene chloride (Dichloromethane)	ug/l	1600	
Toluene	ug/l	580	
Trichloroethene	ug/l	910	
Vinyl chloride	ug/l	770	
Bromodichloromethane	ug/l		0.10J
Chloroform	ug/l		3.2
Iron (6010)			
Iron	mg/l	7.0	5.1
Hardness as CaCO3 (2340B)			
Hardness as CaCO3	mg/l	480	480

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B354342
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 11/17/2003
Sampled By: Client
Sample Received Date: 11/05/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354342
Date Received: 11/05/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN12-RW01-N001	B354342*1	Liquid	11/05/2003 10:17
PIN12-RW02-N001	B354342*2	Liquid	11/05/2003 10:15
PIN15-INF1-N001	B354342*3	Liquid	11/05/2003 10:25
PIN15-EFF1-N001	B354342*4	Liquid	11/05/2003 10:30

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54342-1	PIN12-RW01-N001	Liquid	11/05/03	11/05/03 10:17	
54342-2	PIN12-RW02-N001	Liquid	11/05/03	11/05/03 10:15	

Parameter	Units	Lab Sample IDs	
		54342-1	54342-2

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	100U	25U
Bromodichloromethane	ug/l	100U	25U
Bromoform	ug/l	500U	120U
Bromomethane (Methyl bromide)	ug/l	100U	25U
Carbon tetrachloride	ug/l	100U	25U
Chlorobenzene	ug/l	100U	25U
Chloroethane	ug/l	100U	25U
Chloroform	ug/l	100U	25U
Chloromethane	ug/l	100U	25U
Dibromochloromethane	ug/l	100U	25U
1,2-Dichlorobenzene	ug/l	100U	25U
1,3-Dichlorobenzene	ug/l	100U	25U
1,4-Dichlorobenzene	ug/l	100U	25U
Dichlorodifluoromethane	ug/l	100U	25U
1,1-Dichloroethane	ug/l	100U	25U
1,2-Dichloroethane	ug/l	100U	25U
1,1-Dichloroethene	ug/l	100U	25U
cis-1,2-Dichloroethene	ug/l	3400	700
trans-1,2-Dichloroethene	ug/l	100U	30
1,2-Dichloropropane	ug/l	100U	25U
cis-1,3-Dichloropropene	ug/l	100U	25U
trans-1,3-Dichloropropene	ug/l	100U	25U
Ethylbenzene	ug/l	100U	25U
Methylene chloride (Dichloromethane)	ug/l	500U	120U
1,1,2,2-Tetrachloroethane	ug/l	100U	25U
Tetrachloroethene	ug/l	100U	25U
Toluene	ug/l	100U	25U
1,1,1-Trichloroethane	ug/l	100U	25U
1,1,2-Trichloroethane	ug/l	100U	25U
Trichloroethene	ug/l	5700	630
Trichlorofluoromethane	ug/l	100U	25U
Vinyl chloride	ug/l	570	49
o-Xylene	ug/l	100U	25U
m&p-Xylene	ug/l	100U	25U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54342-1	PIN12-RW01-N001	Liquid	11/05/03	11/05/03 10:17	
54342-2	PIN12-RW02-N001	Liquid	11/05/03	11/05/03 10:15	

Parameter	Units	Lab Sample IDs	
		54342-1	54342-2
Halogenated and Aromatic Volatiles (8021)			
2-Chloroethylvinyl ether	ug/l	1000U	250U
Methyl Tert Butyl Ether (MTBE)	ug/l	1000U	250U
Total Volatile Organic			
Aromatics	ug/l	100U	25U
Dilution Factor		100	25
Analysis Date		11/11/03	11/11/03
Analysis Time		19:39	20:18
Batch ID		1111A	1111A
Quantitation Factor		100.0	25.00

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54342-3	PIN15-INF1-N001	Liquid	11/05/03	11/05/03 10:25	
54342-4	PIN15-EFF1-N001	Liquid	11/05/03	11/05/03 10:30	

Parameter	Units	Lab Sample IDs	
		54342-3	54342-4

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	50U	1.0U
Bromodichloromethane	ug/l	50U	0.10U
Bromoform	ug/l	250U	5.0U
Bromomethane (Methyl bromide)	ug/l	50U	1.0U
Carbon tetrachloride	ug/l	50U	1.0U
Chlorobenzene	ug/l	50U	1.0U
Chloroethane	ug/l	50U	1.0U
Chloroform	ug/l	50U	3.2
Chloromethane	ug/l	50U	1.0U
Dibromochloromethane	ug/l	50U	1.0U
1,2-Dichlorobenzene	ug/l	50U	1.0U
1,3-Dichlorobenzene	ug/l	50U	1.0U
1,4-Dichlorobenzene	ug/l	50U	1.0U
Dichlorodifluoromethane	ug/l	50U	1.0U
1,1-Dichloroethane	ug/l	50U	1.0U
1,2-Dichloroethane	ug/l	50U	1.0U
1,1-Dichloroethene	ug/l	50U	1.0U
cis-1,2-Dichloroethene	ug/l	210U	1.0U
trans-1,2-Dichloroethene	ug/l	50U	1.0U
1,2-Dichloropropane	ug/l	50U	1.0U
cis-1,3-Dichloropropene	ug/l	50U	1.0U
trans-1,3-Dichloropropene	ug/l	50U	1.0U
Ethylbenzene	ug/l	50U	1.0U
Methylene chloride (Dichloromethane)	ug/l	1600	5.0U
1,1,2,2-Tetrachloroethane	ug/l	50U	1.0U
Tetrachloroethene	ug/l	50U	1.0U
Toluene	ug/l	580	1.0U
1,1,1-Trichloroethane	ug/l	50U	1.0U
1,1,2-Trichloroethane	ug/l	50U	1.0U
Trichloroethene	ug/l	910	1.0U
Trichlorofluoromethane	ug/l	50U	1.0U
Vinyl chloride	ug/l	770	1.0U
o-Xylene	ug/l	50U	1.0U
m&p-Xylene	ug/l	50U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54342-3	PIN15-INF1-N001	Liquid	11/05/03	11/05/03 10:25	
54342-4	PIN15-EFF1-N001	Liquid	11/05/03	11/05/03 10:30	

Parameter	Units	Lab Sample IDs	
		54342-3	54342-4

Halogenated and Aromatic Volatiles (8021)

2-Chloroethylvinyl ether	ug/l	500U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	500U	10U
Total Volatile Organic Aromatics	ug/l		1.0U
Dilution Factor		50	1
Analysis Date		11/11/03	11/11/03
Analysis Time		20:59	18:58
Batch ID		1111A	1111A
Quantitation Factor		50.00	1.000

Iron (6010)

Iron	mg/l	7.0	5.1
Dilution Factor		1	1
Prep Date		11/05/03	11/05/03
Prep Time		18:45	18:45
Analysis Date		11/07/03	11/07/03
Analysis Time		12:59	13:04
Batch ID		1105J	1105J
Quantitation Factor		1.000	1.000

Hardness as CaCO3 (2340B)

Hardness as CaCO3	mg/l	480	480
Dilution Factor		1	1
Prep Date		11/05/03	11/05/03
Prep Time		18:45	18:45
Analysis Date		11/07/03	11/07/03
Analysis Time		12:59	13:04
Batch ID		1105J	1105J
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54342-5	Method Blank	Liquid	11/05/03		
54342-6	LCS % Recovery	Liquid	11/05/03		
54342-7	LCSD % Recovery	Liquid	11/05/03		
54342-8	BATCH-MS % Recovery	Liquid	11/05/03		
54342-9	BATCH-MSD % Recovery	Liquid	11/05/03		

Parameter	Units	Lab Sample IDs				
		54342-5	54342-6	54342-7	54342-8	54342-9

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.0U	91 %	88 %	86 %	92 %
Bromodichloromethane	ug/l	1.0U				
Bromoform	ug/l	5.0U				
Bromomethane (Methyl bromide)	ug/l	1.0U				
Carbon tetrachloride	ug/l	1.0U				
Chlorobenzene	ug/l	1.0U	80 %	74 %	69 %	80 %
Chloroethane	ug/l	1.0U				
Chloroform	ug/l	1.0U				
Chloromethane	ug/l	1.0U				
Dibromochloromethane	ug/l	1.0U				
1,2-Dichlorobenzene	ug/l	1.0U				
1,3-Dichlorobenzene	ug/l	1.0U				
1,4-Dichlorobenzene	ug/l	1.0U				
Dichlorodifluoromethane	ug/l	1.0U				
1,1-Dichloroethane	ug/l	1.0U				
1,2-Dichloroethane	ug/l	1.0U				
1,1-Dichloroethene	ug/l	1.0U	93 %	81 %	88 %	88 %
cis-1,2-Dichloroethene	ug/l	1.0U				
trans-1,2-Dichloroethene	ug/l	1.0U				
1,2-Dichloropropane	ug/l	1.0U				
cis-1,3-Dichloropropene	ug/l	1.0U				
trans-1,3-Dichloropropene	ug/l	1.0U				
Ethylbenzene	ug/l	1.0U				
Methylene chloride (Dichloromethane)	ug/l	5.0U				
1,1,2,2-Tetrachloroethane	ug/l	1.0U				
Tetrachloroethene	ug/l	1.0U				
Toluene	ug/l	1.0U	85 %	73 %	80 %	83 %
1,1,1-Trichloroethane	ug/l	1.0U				
1,1,2-Trichloroethane	ug/l	1.0U				
Trichloroethene	ug/l	1.0U	98 %	74 %	77 %	80 %
Trichlorofluoromethane	ug/l	1.0U				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54342-5	Method Blank	Liquid	11/05/03		
54342-6	LCS % Recovery	Liquid	11/05/03		
54342-7	LCSD % Recovery	Liquid	11/05/03		
54342-8	BATCH-MS % Recovery	Liquid	11/05/03		
54342-9	BATCH-MSD % Recovery	Liquid	11/05/03		

Parameter	Units	Lab Sample IDs				
		54342-5	54342-6	54342-7	54342-8	54342-9

Halogenated and Aromatic Volatiles (8021)

Vinyl chloride	ug/l	1.00				
o-Xylene	ug/l	1.00				
m&p-Xylene	ug/l	1.00				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic						
Aromatics	ug/l	1.00				
Dilution Factor		1	1	1	1	1
Analysis Date		11/11/03	11/11/03	11/11/03	11/12/03	11/12/03
Analysis Time		13:38	10:57	11:38	02:19	02:58
Batch ID		1111A	1111A	1111A	1111A	1111A
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54342-10	Method Blank	Liquid	11/05/03		
54342-11	LCS % Recovery	Liquid	11/05/03		
54342-12	LCSD % Recovery	Liquid	11/05/03		
54342-13	BATCH-MS % Recovery	Liquid	11/05/03		
54342-14	BATCH-MSD % Recovery	Liquid	11/05/03		

Parameter	Units	Lab Sample IDs				
		54342-10	54342-11	54342-12	54342-13	54342-14
Iron (6010)						
Iron	mg/l	0.050U	105 %	106 %	101 %	101 %
Dilution Factor		1	1	1	1	1
Prep Date		11/05/03	11/05/03	11/05/03	11/05/03	11/05/03
Prep Time		18:45	18:45	18:45	18:45	18:45
Analysis Date		11/07/03	11/07/03	11/07/03	11/07/03	11/07/03
Analysis Time		11:38	11:43	11:48	12:03	12:08
Batch ID		1105J	1105J	1105J	1105J	1105J
Quantitation Factor		1.000				

Hardness as CaCO3 (2340B)						
Hardness as CaCO3	mg/l	3.3U	100 %	101 %	102 %	103 %
Dilution Factor		1	1	1	1	1
Prep Date		11/05/03	11/05/03	11/05/03	11/05/03	11/05/03
Prep Time		18:45	18:45	18:45	18:45	18:45
Analysis Date		11/07/03	11/07/03	11/07/03	11/07/03	11/07/03
Analysis Time		11:38	11:43	11:48	12:03	12:08
Batch ID		1105J	1105J	1105J	1105J	1105J
Quantitation Factor		1.000				

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

**SEVERN
TRENT**

STL

35 4342

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1				
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT...)	Hcl	Vocs - 8021	AN03 Fe + Hardness	PRESERVATIVE											STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	DATE DUE _____
CLIENT (SITE) PM Barry Rice	CLIENT PHONE 727-545-6036	CLIENT FAX 544-1121																EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	DATE DUE _____
CLIENT NAME S.M. Stoller	CLIENT E-MAIL																	NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1	
CLIENT ADDRESS 7887 Bryan Dairy Rd., Suite 260, Largo, FL		COMPANY CONTRACTING THIS WORK (if applicable)																	

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS		
DATE	TIME																			
11-05-03	1017	PIN12-RW01-N001	G	✓			3													
	1015	PIN12-RW02-N001	G	✓			3													
	1025	PIN15-INF1-N001	G	✓			3	1												
	1030	PIN15-EFF1-N001	G	✓			3	1												

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 11-3-03	TIME 1130	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 11-05-03	TIME 1345	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 11-04-03	TIME 1430	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 11-05-03	TIME 1345	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY (SIGNATURE) <i>[Signature]</i>	DATE 11-5-03	TIME 1825	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. N/S	STL TAMPA LOG NO. 8354342	LABORATORY REMARKS
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Case Narrative: STL Project B354563

Date: December 3, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

Laboratory: STL Tampa

Analysis Requested: 8021, Fe, Hardness

Two liquid samples were received on November 19, 2003 and were logged in as STL Project B354563.
The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B354563-1	PIN15-INF1-N001	11.19.03
B354563-2	PIN15-EFF1-N001	11.19.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B354563
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 12/02/2003
Sampled By: Client
Sample Received Date: 11/19/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354563
Date Received: 11/19/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-INF1-N001	B354563*1	Liquid	11/19/2003 10:30
PIN15-EFF1-N001	B354563*2	Liquid	11/19/2003 10:35

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54563-1	PIN15-INF1-N001	Liquid	11/19/03	11/19/03 10:30	
54563-2	PIN15-EFF1-N001	Liquid	11/19/03	11/19/03 10:35	
Parameter		Units	Lab Sample IDs		
			54563-1	54563-2	
Halogenated and Aromatic Volatiles (8021)					
cis-1,2-Dichloroethene	ug/l	3200			
Methylene chloride (Dichloromethane)	ug/l	4100			
Toluene	ug/l	350			
Trichloroethene	ug/l	1700			
Vinyl chloride	ug/l	820			
m&p-Xylene	ug/l	79			
Methyl Tert Butyl Ether (MTBE)	ug/l	450J			
Total Volatile Organic Aromatics	ug/l	429			
Chloroform	ug/l			4.0	
Iron (6010)					
Iron	mg/l	6.0		4.7	
Hardness as CaCO3 (2340B)					
Hardness as CaCO3	mg/l	450		430	

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B354563
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 12/02/2003
Sampled By: Client
Sample Received Date: 11/19/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354563
Date Received: 11/19/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN15-INF1-N001	B354563*1	Liquid	11/19/2003 10:30
PIN15-EFF1-N001	B354563*2	Liquid	11/19/2003 10:35

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54563-1	PIN15-INF1-N001	Liquid	11/19/03	11/19/03 10:30	
54563-2	PIN15-EFF1-N001	Liquid	11/19/03	11/19/03 10:35	

Parameter	Units	Lab Sample IDs	
		54563-1	54563-2

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	50U	1.0U
Bromodichloromethane	ug/l	50U	1.0U
Bromoform	ug/l	250U	5.0U
Bromomethane (Methyl bromide)	ug/l	50U	1.0U
Carbon tetrachloride	ug/l	50U	1.0U
Chlorobenzene	ug/l	50U	1.0U
Chloroethane	ug/l	50U	1.0U
Chloroform	ug/l	50U	4.0
Chloromethane	ug/l	50U	1.0U
Dibromochloromethane	ug/l	50U	1.0U
1,2-Dichlorobenzene	ug/l	50U	1.0U
1,3-Dichlorobenzene	ug/l	50U	1.0U
1,4-Dichlorobenzene	ug/l	50U	1.0U
Dichlorodifluoromethane	ug/l	50U	1.0U
1,1-Dichloroethane	ug/l	50U	1.0U
1,2-Dichloroethane	ug/l	50U	1.0U
1,1-Dichloroethene	ug/l	50U	1.0U
cis-1,2-Dichloroethene	ug/l	3200	1.0U
trans-1,2-Dichloroethene	ug/l	50U	1.0U
1,2-Dichloropropane	ug/l	50U	1.0U
cis-1,3-Dichloropropene	ug/l	50U	1.0U
trans-1,3-Dichloropropene	ug/l	50U	1.0U
Ethylbenzene	ug/l	50U	1.0U
Methylene chloride			
(Dichloromethane)	ug/l	4100	5.0U
1,1,2,2-Tetrachloroethane	ug/l	50U	1.0U
Tetrachloroethene	ug/l	50U	1.0U
Toluene	ug/l	350	1.0U
1,1,1-Trichloroethane	ug/l	50U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54563-1	PIN15-INF1-N001	Liquid	11/19/03	11/19/03 10:30	
54563-2	PIN15-EFF1-N001	Liquid	11/19/03	11/19/03 10:35	

Parameter	Units	Lab Sample IDs	
		54563-1	54563-2

Halogenated and Aromatic Volatiles (8021)

1,1,2-Trichloroethane	ug/l	50U	1.0U
Trichloroethene	ug/l	1700	1.0U
Trichlorofluoromethane	ug/l	50U	1.0U
Vinyl chloride	ug/l	820	1.0U
o-Xylene	ug/l	50U	1.0U
m&p-Xylene	ug/l	79	1.0U
2-Chloroethylvinyl ether	ug/l	500U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	450J	10U
Total Volatile Organic			
Aromatics	ug/l	429	1.0U
Dilution Factor		50	1
Analysis Date		12/01/03	12/01/03
Analysis Time		16:37	15:57
Batch ID		1201B	1201B
Quantitation Factor		50	1

Iron (6010)

Iron	mg/l	6.0	4.7
Dilution Factor		1	1
Prep Date		11/19/03	11/19/03
Prep Time		20:20	20:20
Analysis Date		11/20/03	11/20/03
Analysis Time		12:51	13:10
Batch ID		1119J	1119J
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54563-1	PIN15-INF1-N001	Liquid	11/19/03	11/19/03 10:30	
54563-2	PIN15-EFF1-N001	Liquid	11/19/03	11/19/03 10:35	

Parameter	Units	Lab Sample IDs	
		54563-1	54563-2
Hardness as CaCO3 (2340B)			
Hardness as CaCO3	mg/l	450	430
Dilution Factor		1	1
Prep Date		11/19/03	11/19/03
Prep Time		20:20	20:20
Analysis Date		11/20/03	11/20/03
Analysis Time		12:51	13:10
Batch ID		1119J	1119J
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54563-3	Method Blank	Liquid	11/19/03		
54563-4	LCS % Recovery	Liquid	11/19/03		
54563-5	LCSD % Recovery	Liquid	11/19/03		
54563-6	PIN15-EFF1-N001-MS % Recovery	Liquid	11/19/03		
54563-7	PIN15-EFF1-N001-MSD % Recovery	Liquid	11/19/03		

Parameter	Units	Lab Sample IDs				
		54563-3	54563-4	54563-5	54563-6	54563-7

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.00	82 %	86 %	93 %	95 %
Bromodichloromethane	ug/l	1.00				
Bromoform	ug/l	5.00				
Bromomethane (Methyl bromide)	ug/l	1.00				
Carbon tetrachloride	ug/l	1.00				
Chlorobenzene	ug/l	1.00	98 %	91 %	94 %	94 %
Chloroethane	ug/l	1.00				
Chloroform	ug/l	1.00				
Chloromethane	ug/l	1.00				
Dibromochloromethane	ug/l	1.00				
1,2-Dichlorobenzene	ug/l	1.00				
1,3-Dichlorobenzene	ug/l	1.00				
1,4-Dichlorobenzene	ug/l	1.00				
Dichlorodifluoromethane	ug/l	1.00				
1,1-Dichloroethane	ug/l	1.00				
1,2-Dichloroethane	ug/l	1.00				
1,1-Dichloroethene	ug/l	1.00	100 %	82 %	95 %	100 %
cis-1,2-Dichloroethene	ug/l	1.00				
trans-1,2-Dichloroethene	ug/l	1.00				
1,2-Dichloropropane	ug/l	1.00				
cis-1,3-Dichloropropene	ug/l	1.00				
trans-1,3-Dichloropropene	ug/l	1.00				
Ethylbenzene	ug/l	1.00				
Methylene chloride						
(Dichloromethane)	ug/l	5.00				
1,1,2,2-Tetrachloroethane	ug/l	1.00				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDC#
54563-3	Method Blank	Liquid	11/19/03		
54563-4	LCS % Recovery	Liquid	11/19/03		
54563-5	LCSD % Recovery	Liquid	11/19/03		
54563-6	PIN15-EFF1-N001-MS % Recovery	Liquid	11/19/03		
54563-7	PIN15-EFF1-N001-MSD % Recovery	Liquid	11/19/03		

Parameter	Units	Lab Sample IDs				
		54563-3	54563-4	54563-5	54563-6	54563-7
Halogenated and Aromatic Volatiles (8021)						
Tetrachloroethene	ug/l	1.00				
Toluene	ug/l	1.00	91 %	82 %	100 %	96 %
1,1,1-Trichloroethane	ug/l	1.00				
1,1,2-Trichloroethane	ug/l	1.00				
Trichloroethene	ug/l	1.00	83 %	68 %	77 %	83 %
Trichlorofluoromethane	ug/l	1.00				
Vinyl chloride	ug/l	1.00				
o-Xylene	ug/l	1.00				
m&p-Xylene	ug/l	1.00				
2-Chloroethylvinyl ether	ug/l	10U				
Methyl Tert Butyl Ether (MTBE)	ug/l	10U				
Total Volatile Organic						
Aromatics	ug/l	1.00				
Dilution Factor		1	1	1	1	1
Analysis Date		12/01/03	12/01/03	12/01/03	12/02/03	12/02/03
Analysis Time		13:20	14:39	23:09	11:31	12:11
Batch ID		1201B	1201B	1201B	1201B	1201B
Quantitation Factor		1				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54563-8	Method Blank	Liquid	11/19/03		
54563-9	LCS % Recovery	Liquid	11/19/03		
54563-10	LCS % Recovery	Liquid	11/19/03		
54563-11	PIN15-INF1-N001-MS % Recovery	Liquid	11/19/03	11/19/03	
54563-12	PIN15-INF1-N001-MSD % Recovery	Liquid	11/19/03	11/19/03	

Parameter	Units	Lab Sample IDs				
		54563-8	54563-9	54563-10	54563-11	54563-12

Iron (6010)

Iron	mg/l	0.023U	109 %	105 %	114 %	113 %
Dilution Factor		1	1	1	1	1
Prep Date		11/19/03	11/19/03	11/19/03	11/19/03	11/19/03
Prep Time		20:20	20:20	20:20	20:20	20:20
Analysis Date		11/20/03	11/20/03	11/20/03	11/20/03	11/20/03
Analysis Time		11:02	11:08	11:33	12:57	13:04
Batch ID		1119J	1119J	1119J	1119J	1119J
Quantitation Factor		1.000				

Hardness as CaCO3 (2340B)

Hardness as CaCO3	mg/l	<0.56	98 %	93 %	100 %	91 %
Dilution Factor		1	1	1	1	1
Prep Date		11/19/03	11/19/03	11/19/03	11/19/03	11/19/03
Prep Time		20:20	20:20	20:20	20:20	20:20
Analysis Date		11/20/03	11/20/03	11/20/03	11/20/03	11/20/03
Analysis Time		11:02	11:08	11:33	12:57	13:04
Batch ID		1119J	1119J	1119J	1119J	1119J
Quantitation Factor		1.000				

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

**SEVERN
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SERVICES**

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa

35 4 563

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

RECEIVED
Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

DEC 06 2003

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1							
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) /INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	HCl	VOCs-8021	Fe+Hardness	PRESERVATIVE														STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	DATE DUE _____
CLIENT (SITE) PM Barry Rice	CLIENT PHONE 727-545-6036	CLIENT FAX 549-1121																			EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	DATE DUE _____
CLIENT NAME S.M. Stoller	CLIENT E-MAIL																				NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1	
CLIENT ADDRESS 7887 Bryan Dairy Rd. Suite 260, Largo, FL		COMPANY CONTRACTING THIS WORK (if applicable)																				

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) /INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS			
DATE	TIME																				
11-19-03	1030	PIN15-INF1-N001	G	✓				3	1												
11-19-03	1035	PIN15-EFF1-N001	G	✓				3	1												

RELINQUISHED BY: (SIGNATURE) EMPTY CONTAINERS	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) EMPTY CONTAINERS	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
				11-19-03	1100			
				11-19-03	1100			

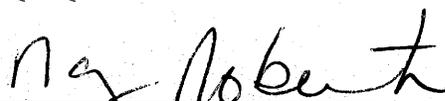
RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. 16	STL TAMPA LOG NO. B354563	LABORATORY REMARKS
	11-19-03	1502				

Case Narrative: STL Project B354731**Date:** December 15, 2003**Client:** S. M. Stoller Corporation**Project:** Pinellas Star Center**Laboratory:** STL Tampa**Analysis Requested:** 8021, Iron, Hardness

Four liquid samples were received on December 3, 2003 and were logged in as STL Project B354731.
The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B354731-1	PIN12-RW01-N001	12.03.03
B354731-2	PIN12-RW02-N001	12.03.03
B354731-3	PIN15-INF1-N001	12.03.03
B354731-4	PIN15-EFF1-N001	12.03.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B354731
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 12/12/2003
Sampled By: Client
Sample Received Date: 12/03/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354731
Date Received: 12/03/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN12-RW01-N001	B354731*1	Liquid	12/03/2003 10:47
PIN12-RW02-N001	B354731*2	Liquid	12/03/2003 10:45
PIN15-INF1-N001	B354731*3	Liquid	12/03/2003 10:40
PIN15-EFF1-N001	B354731*4	Liquid	12/03/2003 10:45

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54731-1	PIN12-RW01-N001	Liquid	12/03/03	12/03/03 10:47	
54731-2	PIN12-RW02-N001	Liquid	12/03/03	12/03/03 10:45	

Parameter	Units	Lab Sample IDs	
		54731-1	54731-2
Halogenated and Aromatic Volatiles (8021)			
cis-1,2-Dichloroethene	ug/l	5100	890
Toluene	ug/l	343	
Trichloroethene	ug/l	11000	750
Vinyl chloride	ug/l	670	57
o-Xylene	ug/l	333	
m&p-Xylene	ug/l	180	
Methyl Tert Butyl Ether (MTBE)	ug/l	9603	190
Total Volatile Organic			
Aromatics	ug/l	247	
trans-1,2-Dichloroethene	ug/l		55
2-Chloroethylvinyl ether	ug/l		100

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54731-3	PIN15-INF1-N001	Liquid	12/03/03	12/03/03 10:40	
54731-4	PIN15-EFF1-N001	Liquid	12/03/03	12/03/03 10:45	

Parameter	Units	Lab Sample IDs	
		54731-3	54731-4
Halogenated and Aromatic Volatiles (8021)			
cis-1,2-Dichloroethene	ug/l	3400	
Methylene chloride (Dichloromethane)	ug/l	5100	
Toluene	ug/l	470	0.35J
Trichloroethene	ug/l	2100	
Vinyl chloride	ug/l	890	
m&p-Xylene	ug/l	81	
Methyl Tert Butyl Ether (MTBE)	ug/l	440J	
Total Volatile Organic			
Aromatics	ug/l	551	0.35J
Chloroform	ug/l		15
Iron (6010)			
Iron	mg/l	4.5	3.8
Hardness as CaCO3 (2340B)			
Hardness as CaCO3	mg/l	450	450

Methods: EPA SW-846, EPA Standard Methods

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

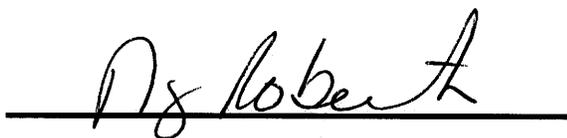
J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503

CC:

Order Number: B354731
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 12/12/2003
Sampled By: Client
Sample Received Date: 12/03/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354731
Date Received: 12/03/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN12-RW01-N001	B354731*1	Liquid	12/03/2003 10:47
PIN12-RW02-N001	B354731*2	Liquid	12/03/2003 10:45
PIN15-INF1-N001	B354731*3	Liquid	12/03/2003 10:40
PIN15-EFF1-N001	B354731*4	Liquid	12/03/2003 10:45

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54731-1	PIN12-RW01-N001	Liquid	12/03/03	12/03/03 10:47	
54731-2	PIN12-RW02-N001	Liquid	12/03/03	12/03/03 10:45	

Parameter	Units	Lab Sample IDs	
		54731-1	54731-2

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	100U	10U
Bromodichloromethane	ug/l	100U	10U
Bromoform	ug/l	500U	50U
Bromomethane (Methyl bromide)	ug/l	100U	10U
Carbon tetrachloride	ug/l	100U	10U
Chlorobenzene	ug/l	100U	10U
Chloroethane	ug/l	100U	10U
Chloroform	ug/l	100U	10U
Chloromethane	ug/l	100U	10U
Dibromochloromethane	ug/l	100U	10U
1,2-Dichlorobenzene	ug/l	100U	10U
1,3-Dichlorobenzene	ug/l	100U	10U
1,4-Dichlorobenzene	ug/l	100U	10U
Dichlorodifluoromethane	ug/l	100U	10U
1,1-Dichloroethane	ug/l	100U	10U
1,2-Dichloroethane	ug/l	100U	10U
1,1-Dichloroethene	ug/l	100U	10U
cis-1,2-Dichloroethene	ug/l	510U	89U
trans-1,2-Dichloroethene	ug/l	100U	55
1,2-Dichloropropane	ug/l	100U	10U
cis-1,3-Dichloropropene	ug/l	100U	10U
trans-1,3-Dichloropropene	ug/l	100U	10U
Ethylbenzene	ug/l	100U	10U
Methylene chloride (Dichloromethane)	ug/l	500U	50U
1,1,2,2-Tetrachloroethane	ug/l	100U	10U
Tetrachloroethene	ug/l	100U	10U
Toluene	ug/l	34J	10U
1,1,1-Trichloroethane	ug/l	100U	10U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54731-1	PIN12-RW01-N001	Liquid	12/03/03	12/03/03 10:47	
54731-2	PIN12-RW02-N001	Liquid	12/03/03	12/03/03 10:45	

Parameter	Units	Lab Sample IDs	
		54731-1	54731-2
Halogenated and Aromatic Volatiles (8021)			
1,1,2-Trichloroethane	ug/l	100U	10U
Trichloroethene	ug/l	11000	750
Trichlorofluoromethane	ug/l	100U	10U
Vinyl chloride	ug/l	670	57
o-Xylene	ug/l	33J	10U
m&p-Xylene	ug/l	180	10U
2-Chloroethylvinyl ether	ug/l	1000U	100
Methyl Tert Butyl Ether (MTBE)	ug/l	960J	190
Total Volatile Organic			
Aromatics	ug/l	247	10U
Dilution Factor		100	10
Analysis Date		12/08/03	12/08/03
Analysis Time		15:04	15:43
Batch ID		1208B	1208B
Quantitation Factor		100.0	10.00

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54731-3	PIN15-INF1-N001	Liquid	12/03/03	12/03/03 10:40	
54731-4	PIN15-EFF1-N001	Liquid	12/03/03	12/03/03 10:45	

Parameter	Units	Lab Sample IDs	
		54731-3	54731-4

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	50U	1.0U
Bromodichloromethane	ug/l	50U	1.0U
Bromoform	ug/l	250U	5.0U
Bromomethane (Methyl bromide)	ug/l	50U	1.0U
Carbon tetrachloride	ug/l	50U	1.0U
Chlorobenzene	ug/l	50U	1.0U
Chloroethane	ug/l	50U	1.0U
Chloroform	ug/l	50U	15
Chloromethane	ug/l	50U	1.0U
Dibromochloromethane	ug/l	50U	1.0U
1,2-Dichlorobenzene	ug/l	50U	1.0U
1,3-Dichlorobenzene	ug/l	50U	1.0U
1,4-Dichlorobenzene	ug/l	50U	1.0U
Dichlorodifluoromethane	ug/l	50U	1.0U
1,1-Dichloroethane	ug/l	50U	1.0U
1,2-Dichloroethane	ug/l	50U	1.0U
1,1-Dichloroethene	ug/l	50U	1.0U
cis-1,2-Dichloroethene	ug/l	3400	1.0U
trans-1,2-Dichloroethene	ug/l	50U	1.0U
1,2-Dichloropropane	ug/l	50U	1.0U
cis-1,3-Dichloropropene	ug/l	50U	1.0U
trans-1,3-Dichloropropene	ug/l	50U	1.0U
Ethylbenzene	ug/l	50U	1.0U
Methylene chloride			
(Dichloromethane)	ug/l	5100	5.0U
1,1,2,2-Tetrachloroethane	ug/l	50U	1.0U
Tetrachloroethene	ug/l	50U	1.0U
Toluene	ug/l	470	0.35U
1,1,1-Trichloroethane	ug/l	50U	1.0U

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54731-3	PIN15-INF1-N001	Liquid	12/03/03	12/03/03 10:40	
54731-4	PIN15-EFF1-N001	Liquid	12/03/03	12/03/03 10:45	

Parameter	Units	Lab Sample IDs	
		54731-3	54731-4

Halogenated and Aromatic Volatiles (8021)

1,1,2-Trichloroethane	ug/l	50U	1.0U
Trichloroethene	ug/l	2100	1.0U
Trichlorofluoromethane	ug/l	50U	1.0U
Vinyl chloride	ug/l	890	1.0U
o-Xylene	ug/l	50U	1.0U
m&p-Xylene	ug/l	81	1.0U
2-Chloroethylvinyl ether	ug/l	500U	10U
Methyl Tert Butyl Ether (MTBE)	ug/l	440J	10U
Total Volatile Organic			
Aromatics	ug/l	551	0.35J
Dilution Factor		50	1
Analysis Date		12/08/03	12/08/03
Analysis Time		16:22	17:02
Batch ID		1208B	1208B
Quantitation Factor		50.00	1.000

Iron (6010)

Iron	mg/l	4.5	3.8
Dilution Factor		1	1
Prep Date		12/03/03	12/03/03
Prep Time		20:24	20:24
Analysis Date		12/04/03	12/04/03
Analysis Time		12:18	12:51
Batch ID		1203L	1203L
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54731-3	PIN15-INF1-N001	Liquid	12/03/03	12/03/03 10:40	
54731-4	PIN15-EFF1-N001	Liquid	12/03/03	12/03/03 10:45	

Parameter	Units	Lab Sample IDs	
		54731-3	54731-4

Hardness as CaCO3 (2340B)

Hardness as CaCO3	mg/l	450	450
Dilution Factor		1	1
Prep Date		12/03/03	12/03/03
Prep Time		20:24	20:24
Analysis Date		12/04/03	12/04/03
Analysis Time		12:18	12:51
Batch ID		1203L	1203L
Quantitation Factor		1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54731-5	Method Blank	Liquid	12/03/03		
54731-6	LCS % Recovery	Liquid	12/03/03		
54731-7	LCSD % Recovery	Liquid	12/03/03		
54731-8	PIN15-EFF1-N001-MS % Recovery	Liquid	12/03/03	12/03/03	
54731-9	PIN15-EFF1-N001-MSD % Recovery	Liquid	12/03/03	12/03/03	

Parameter	Units	Lab Sample IDs				
		54731-5	54731-6	54731-7	54731-8	54731-9

Halogenated and Aromatic Volatiles (8021)

Benzene	ug/l	1.00	100 %	100 %	90 %	98 %
Bromodichloromethane	ug/l	1.00				
Bromoform	ug/l	5.00				
Bromomethane (Methyl bromide)	ug/l	1.00				
Carbon tetrachloride	ug/l	1.00				
Chlorobenzene	ug/l	1.00	110 %	110 %	99 %	100 %
Chloroethane	ug/l	1.00				
Chloroform	ug/l	1.00				
Chloromethane	ug/l	1.00				
Dibromochloromethane	ug/l	1.00				
1,2-Dichlorobenzene	ug/l	1.00				
1,3-Dichlorobenzene	ug/l	1.00				
1,4-Dichlorobenzene	ug/l	1.00				
Dichlorodifluoromethane	ug/l	1.00				
1,1-Dichloroethane	ug/l	1.00				
1,2-Dichloroethane	ug/l	1.00				
1,1-Dichloroethene	ug/l	1.00	100 %	120 %	80 %	90 %
cis-1,2-Dichloroethene	ug/l	1.00				
trans-1,2-Dichloroethene	ug/l	1.00				
1,2-Dichloropropane	ug/l	1.00				
cis-1,3-Dichloropropene	ug/l	1.00				
trans-1,3-Dichloropropene	ug/l	1.00				
Ethylbenzene	ug/l	1.00				
Methylene chloride (Dichloromethane)	ug/l	5.00				
1,1,2,2-Tetrachloroethane	ug/l	1.00				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54731-5	Method Blank	Liquid	12/03/03		
54731-6	LCS % Recovery	Liquid	12/03/03		
54731-7	LCSD % Recovery	Liquid	12/03/03		
54731-8	PIN15-EFF1-N001-MS % Recovery	Liquid	12/03/03	12/03/03	
54731-9	PIN15-EFF1-N001-MSD % Recovery	Liquid	12/03/03	12/03/03	

Parameter	Units	Lab Sample IDs				
		54731-5	54731-6	54731-7	54731-8	54731-9

Halogenated and Aromatic Volatiles (8021)

Tetrachloroethene	ug/l	1.00				
Toluene	ug/l	1.00	120 %	100 %	88 %	96 %
1,1,1-Trichloroethane	ug/l	1.00				
1,1,2-Trichloroethane	ug/l	1.00				
Trichloroethene	ug/l	1.00	98 %	89 %	82 %	84 %
Trichlorofluoromethane	ug/l	1.00				
Vinyl chloride	ug/l	1.00				
o-Xylene	ug/l	1.00				
m&p-Xylene	ug/l	1.00				
2-Chloroethylvinyl ether	ug/l	100				
Methyl Tert Butyl Ether (MTBE)	ug/l	100				
Total Volatile Organic						
Aromatics	ug/l	1.00				
Dilution Factor		1	1	1	1	1
Analysis Date		12/08/03	12/08/03	12/08/03	12/09/03	12/09/03
Analysis Time		13:46	12:27	13:06	21:12	21:51
Batch ID		1208B	1208B	1208B	1208B	1208B
Quantitation Factor		1.000				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54731-10	Method Blank	Liquid	12/03/03		
54731-11	LCS % Recovery	Liquid	12/03/03		
54731-12	LCSD % Recovery	Liquid	12/03/03		
54731-13	PIN15-INF1-N001-MS % Recovery	Liquid	12/03/03		
54731-14	PIN15-INF1-N001-MSD % Recovery	Liquid	12/03/03		

Parameter	Units	Lab Sample IDs				
		54731-10	54731-11	54731-12	54731-13	54731-14
Iron (6010)						
Iron	mg/l	0.050U	107 %	110 %	108 %	1.9 %
Dilution Factor		1	1	1	1	1
Prep Date		12/03/03	12/03/03	12/03/03	12/03/03	12/03/03
Prep Time		20:24	20:24	20:24	20:24	20:24
Analysis Date		12/04/03	12/04/03	12/04/03	12/04/03	12/04/03
Analysis Time		11:52	11:59	12:05	12:38	12:45
Batch ID		1203L	1203L	1203L	1203L	1203L
Quantitation Factor		1.000				

Hardness as CaCO3 (2340B)						
Hardness as CaCO3	mg/l	3.3U	96 %	100 %	94 %	102 %
Dilution Factor		1	1	1	1	1
Prep Date		12/03/03	12/03/03	12/03/03	12/03/03	12/03/03
Prep Time		20:24	20:24	20:24	20:24	20:24
Analysis Date		12/04/03	12/04/03	12/04/03	12/04/03	12/04/03
Analysis Time		11:52	11:59	12:05	12:38	12:45
Batch ID		1203L	1203L	1203L	1203L	1203L
Quantitation Factor		1.000				

Methods: EPA SW-846, EPA Standard Methods

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa

6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

**SEVERN
TRENT**

STL

35 47 31

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1					
SAMPLER'S SIGNATURE <i>Chel P. Cole</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)	HCl	HNO3	VOCs - 8021	Fe + Hardness	PRESERVATIVE											STANDARD REPORT DELIVERY <input checked="" type="radio"/>	DATE DUE _____
CLIENT (SITE) PM Barry Rice	CLIENT PHONE 727-545-6036	CLIENT FAX 544-1121																	EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="radio"/>	DATE DUE _____
CLIENT NAME S.M. Stoller	CLIENT E-MAIL																		NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1	
CLIENT ADDRESS 7887 Bryan Dairy Rd, Suite 260, Largo, FL																				
COMPANY CONTRACTING THIS WORK (if applicable)																				

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS					
DATE	TIME																						
12-03-03	1047	PIN12-RW01-N001	G	✓				3															
↓	1045	PIN12-RW02-N001	G	✓				3															
↓	1040	PIN15-INF1-N001	G	✓				3	1														
↓	1045	PIN15-EFF1-N001	G	✓				3	1														

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 12-1-03	TIME 0700	RELINQUISHED BY: (SIGNATURE) <i>Chel P. Cole</i>	DATE 12-3-03	TIME 1100	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 12-1-03	TIME 1030	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 12-3-03	TIME 1100	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY								
RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE 12-3-03	TIME 1431	CUSTODY INTACT YES <input checked="" type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO. 115	STL TAMPA LOG NO. B354731	LABORATORY REMARKS		

Technical Report for

S M Stoller

Mid-Monthly Sampling, STAR Center, Largo, FL

110406202

Accutest Job Number: F21235

Report to:

US Dept of Energy, Grand Junction Office
2597 B3/4 Rd
Attn: PO#
Grand Junction, CO 81503

ATTN: PO# 24231

Total number of pages in report: 29



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Accutest Laboratories Southeast, Inc.
Analytical Narrative

Client: S M Stoller
Site: Mid-Monthly Sampling, STAR Center, Largo FL
Job No.: F21235
Report Date: January 06, 2004

2 samples were collected on December 18, 2003 and received on December 19, 2003. Samples were intact and properly cooled. A listing of the Laboratory Sample ID, Client Sample ID, and dates of collection are presented in the Results Summary section of this report.

All method specified holding times, calibrations and quality control performance criteria were met, with the following notes:

VOCs, SW846 8081A:

- Sample PIN15-INF1-N001 (F21235-1) when analyzed straight found one surrogate to be below acceptance limits due to matrix interference. When the sample was analyzed at 200X, the same surrogate was within limits. Sample data has been footnoted accordingly.
- Sample PIN15-INF1-N001 (F21235-1) has a note by compound Trichlorofuoromethane indicating the Continuing Calibration Verification was outside of control limits. This compound was reported from the straight run. The CCV was 20.2% and the limit is 20%. Sample data has been footnoted accordingly.
- Sample PIN15-EFF1-N001 (F21235-2) was analyzed at 2X due to sample foaming. Sample data has been footnoted accordingly.
- Sample PIN15-EFF-N001 (F21235-2) was reanalyzed at 2X due to MTBE interference. The sample was reanalyzed on a dual PID instrument which uses different surrogates, that accounts for the surrogate aaa-Trifluorotoluene being reported.
- The MS/MSD associated with analytical batch GQR851 had various RPDs above acceptance limits. The associated Blank Spike was within acceptance limits. Data not adversely affected.

Accutest Laboratories Southeast, Inc. certifies that this report meets the project requirements for analytical data produced for the samples as received at the Accutest Laboratories Southeast location as stated in the Analytical Task Order and the COC. In addition, Accutest Laboratories Southeast, Inc. certifies that data as reported meet the Data Quality Objectives for precision, accuracy and completeness as specified in the Accutest Laboratories Southeast, Inc. Quality Manual for other that conditions detailed above. It is recommended by Accutest Laboratories Southeast, Inc. that this report is to be used in its entirety. Accutest Laboratories Southeast, Inc. is not responsible for any assumptions of data quality if partial data packages are used to interpret data. The Accutest Laboratories Southeast, Inc. Laboratory Director as verified by the signature on the front page has authorized release of this report.

Narrative prepared by:

Sue O. Bell, Project Manager (signature on file)

Date: January 06, 2004

Sample Summary

S M Stoller

Job No: F21235

Mid-Monthly Sampling, STAR Center, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F21235-1	12/18/03	10:20 JPC	12/19/03	AQ	Ground Water	PIN15-INF1-N001
F21235-2	12/18/03	10:25 JPC	12/19/03	AQ	Ground Water	PIN15-EFF1-N001

Report of Analysis

Client Sample ID:	PIN15-INF1-N001		Date Sampled:	12/18/03
Lab Sample ID:	F21235-1		Date Received:	12/19/03
Matrix:	AQ - Ground Water		Percent Solids:	n/a
Method:	SW846 8021B			
Project:	Mid-Monthly Sampling, STAR Center, Largo, FL			

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR020158.D	1	12/29/03	RA	n/a	n/a	GQR851
Run #2 ^a	QR020162.D	200	12/29/03	RA	n/a	n/a	GQR851

Run #	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	12.5	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	12.2	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
74-83-9	Bromomethane	ND	1.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-00-3	Chloroethane	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethylvinyl ether	ND	1.0	0.50	ug/l	
67-66-3	Chloroform	479 ^b	200	100	ug/l	
74-87-3	Chloromethane	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	2.6	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	6.0	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	7.8	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	2890 ^b	200	100	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
75-09-2	Methylene chloride	4010 ^b	1000	200	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	2.6	1.0	0.50	ug/l	
108-88-3	Toluene	256 ^b	200	100	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-00-5	1,1,2-Trichloroethane	2.4	1.0	0.50	ug/l	
79-01-6	Trichloroethene	1050 ^b	200	100	ug/l	

ND = Not detected MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-INF1-N001		
Lab Sample ID:	F21235-1	Date Sampled:	12/18/03
Matrix:	AQ - Ground Water	Date Received:	12/19/03
Method:	SW846 8021B	Percent Solids:	n/a
Project:	Mid-Monthly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane ^c	2.5	1.0	0.50	ug/l	
75-01-4	Vinyl chloride	366 ^b	200	100	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
352-33-0	1-Chloro-4-fluorobenzene	111%	98%	70-123%
352-33-0	1-Chloro-4-fluorobenzene	75%	107%	70-123%
563-58-6	1,1-Dichloropropene	95%	92%	86-112%
563-58-6	1,1-Dichloropropene	65% ^d	100%	86-112%

(a) All hits confirmed by GC/MS.

(b) Result is from Run# 2

(c) CCV outside of control limits; results may be biased high.

(d) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-INF1-N001	Date Sampled:	12/18/03
Lab Sample ID:	F21235-1	Date Received:	12/19/03
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Mid-Monthly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	8870	300	48	ug/l	1	12/23/03	12/24/03 DM	SW846 6010B ¹	SW846 3010A ²

(1) Instrument QC Batch: MA3625

(2) Prep QC Batch: MP6171

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 B = Indicates a result >= MDL but < RL

Report of Analysis

Client Sample ID:	PIN15-INF1-N001	Date Sampled:	12/18/03
Lab Sample ID:	F21235-1	Date Received:	12/19/03
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Mid-Monthly Sampling, STAR Center, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	393	4.0	mg/l	1	01/02/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN15-EFF1-N001	
Lab Sample ID:	F21235-2	Date Sampled: 12/18/03
Matrix:	AQ - Ground Water	Date Received: 12/19/03
Method:	SW846 8021B	Percent Solids: n/a
Project:	Mid-Monthly Sampling, STAR Center, Largo, FL	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	QR020161.D	2	12/29/03	RA	n/a	n/a	GQR851
Run #2 ^b	EF033700.D	2	12/31/03	CV	n/a	n/a	GEF2040

Run #	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	2.0	1.0	ug/l	
75-27-4	Bromodichloromethane	2.9	2.0	1.0	ug/l	
75-25-2	Bromoform	ND	2.0	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	1.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	1.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.80	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
110-75-8	2-Chloroethylvinyl ether	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	54.4	2.0	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.0	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.0	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	2.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.60	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.60	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND ^c	2.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	1.0	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	1.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	1.0	ug/l	

ND = Not detected MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-EFF1-N001	Date Sampled:	12/18/03
Lab Sample ID:	F21235-2	Date Received:	12/19/03
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8021B		
Project:	Mid-Monthly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	ug/l	
95-47-6	o-Xylene	ND	2.0	1.0	ug/l	
	m,p-Xylene	ND	4.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
352-33-0	1-Chloro-4-fluorobenzene	100%		70-123%
352-33-0	1-Chloro-4-fluorobenzene	100%	89%	70-123%
563-58-6	1,1-Dichloropropene	93%		86-112%
563-58-6	1,1-Dichloropropene	100%		86-112%
98-08-8	aaa-Trifluorotoluene		93%	73-122%

- (a) Confirmed by GC/MS
 (b) Dilution required due to matrix interference (sample foamed).
 (c) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-EFF1-N001	Date Sampled:	12/18/03
Lab Sample ID:	F21235-2	Date Received:	12/19/03
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Mid-Monthly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	8470	300	48	ug/l	1	12/23/03	12/24/03 DM	SW846 6010B ¹	SW846 3010A ²

(1) Instrument QC Batch: MA3625

(2) Prep QC Batch: MP6171

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 B = Indicates a result >= MDL but < RL

Report of Analysis

Client Sample ID:	PIN15-EFF1-N001	Date Sampled:	12/18/03
Lab Sample ID:	F21235-2	Date Received:	12/19/03
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Mid-Monthly Sampling, STAR Center, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	482	4.0	mg/l	1	01/02/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F21235
Account: STOLCOGJ S M Stoller
Project: Mid-Monthly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQR851-MB	QR020157.D 1		12/29/03	RA	n/a	n/a	GQR851

The QC reported here applies to the following samples:

Method: SW846 8021B

F21235-1, F21235-2

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
74-83-9	Bromomethane	ND	1.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-00-3	Chloroethane	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethylvinyl ether	ND	1.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	

Method Blank Summary

Page 2 of 2

Job Number: F21235
Account: STOLCOGJ S M Stoller
Project: Mid-Monthly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQR851-MB	QR020157.D	1	12/29/03	RA	n/a	n/a	GQR851

The QC reported here applies to the following samples:

Method: SW846 8021B

F21235-1, F21235-2

CAS No.	Surrogate Recoveries		Limits
352-33-0	1-Chloro-4-fluorobenzene	98%	70-123%
352-33-0	1-Chloro-4-fluorobenzene	107%	70-123%
563-58-6	1,1-Dichloropropene	92%	86-112%
563-58-6	1,1-Dichloropropene	104%	86-112%

Method Blank Summary

Job Number: F21235
Account: STOLCOGJ S M Stoller
Project: Mid-Monthly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEF2040-MB	EF033677.D	1	12/30/03	CV	n/a	n/a	GEF2040

The QC reported here applies to the following samples:

Method: SW846 8021B

F21235-2

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries		Limits
352-33-0	1-Chloro-4-fluorobenzene	88%	70-123%
98-08-8	aaa-Trifluorotoluene	92%	73-122%

Blank Spike Summary

Job Number: F21235
 Account: STOLCOGJ S M Stoller
 Project: Mid-Monthly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQR851-BS	QR020156.D 1		12/29/03	RA	n/a	n/a	GQR851

The QC reported here applies to the following samples:

Method: SW846 8021B

F21235-1, F21235-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	22.0	110	86-121
75-27-4	Bromodichloromethane	20	19.2	96	82-107
75-25-2	Bromoform	20	18.0	90	74-111
74-83-9	Bromomethane	20	20.9	105	64-132
56-23-5	Carbon tetrachloride	20	21.6	108	92-129
108-90-7	Chlorobenzene	20	20.6	103	81-119
124-48-1	Dibromochloromethane	20	19.8	99	77-109
75-00-3	Chloroethane	20	21.1	106	83-125
110-75-8	2-Chloroethylvinyl ether	20	20.4	102	45-150
67-66-3	Chloroform	20	20.4	102	85-111
74-87-3	Chloromethane	20	22.2	111	65-141
95-50-1	1,2-Dichlorobenzene	20	19.7	99	75-120
541-73-1	1,3-Dichlorobenzene	20	20.7	104	77-121
106-46-7	1,4-Dichlorobenzene	20	20.3	102	75-122
75-71-8	Dichlorodifluoromethane	20	23.9	120	51-152
75-34-3	1,1-Dichloroethane	20	22.2	111	94-126
107-06-2	1,2-Dichloroethane	20	19.7	99	88-116
75-35-4	1,1-Dichloroethene	20	21.6	108	83-134
156-59-2	cis-1,2-Dichloroethene	20	21.4	107	83-115
156-60-5	trans-1,2-Dichloroethene	20	22.4	112	94-129
78-87-5	1,2-Dichloropropane	20	19.9	100	90-118
10061-01-5	cis-1,3-Dichloropropene	20	21.6	108	96-125
10061-02-6	trans-1,3-Dichloropropene	20	19.1	96	85-120
100-41-4	Ethylbenzene	20	19.6	98	81-126
75-09-2	Methylene chloride	20	19.8	99	72-137
1634-04-4	Methyl Tert Butyl Ether	20	21.4	107	76-117
79-34-5	1,1,2,2-Tetrachloroethane	20	19.8	99	82-119
127-18-4	Tetrachloroethene	20	20.1	101	94-125
108-88-3	Toluene	20	19.8	99	82-123
71-55-6	1,1,1-Trichloroethane	20	19.8	99	89-127
79-00-5	1,1,2-Trichloroethane	20	20.2	101	86-117
79-01-6	Trichloroethene	20	20.9	105	92-124
75-69-4	Trichlorofluoromethane	20	23.9	120	77-139
75-01-4	Vinyl chloride	20	20.5	103	59-146
95-47-6	o-Xylene	20	19.1	96	81-123
	m,p-Xylene	40	38.7	97	82-126

Blank Spike Summary

Job Number: F21235
Account: STOLCOGJ S M Stoller
Project: Mid-Monthly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQR851-BS	QR020156.D	1	12/29/03	RA	n/a	n/a	GQR851

The QC reported here applies to the following samples:

Method: SW846 8021B

F21235-1, F21235-2

CAS No.	Surrogate Recoveries	BSP	Limits
352-33-0	1-Chloro-4-fluorobenzene	109%	70-123%
352-33-0	1-Chloro-4-fluorobenzene	118%	70-123%
563-58-6	1,1-Dichloropropene	91%	86-112%
563-58-6	1,1-Dichloropropene	100%	86-112%

Blank Spike Summary

Job Number: F21235
Account: STOLCOGJ S M Stoller
Project: Mid-Monthly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEF2040-BS	EF033676.D	1	12/30/03	CV	n/a	n/a	GEF2040

The QC reported here applies to the following samples:

Method: SW846 8021B

F21235-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	20	19.5	98	76-117

CAS No.	Surrogate Recoveries	BSP	Limits
352-33-0	1-Chloro-4-fluorobenzene	97%	70-123%
98-08-8	aaa-Trifluorotoluene	96%	73-122%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F21235
 Account: STOLCOGJ S M Stoller
 Project: Mid-Monthly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F21235-1MS	QR020163.D	200	12/29/03	RA	n/a	n/a	GQR851
F21235-1MSD	QR020164.D	200	12/29/03	RA	n/a	n/a	GQR851
F21235-1	QR020158.D	1	12/29/03	RA	n/a	n/a	GQR851
F21235-1 ^a	QR020162.D	200	12/29/03	RA	n/a	n/a	GQR851

The QC reported here applies to the following samples:

Method: SW846 8021B

F21235-1, F21235-2

CAS No.	Compound	F21235-1 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	12.5	4000	4470	111	4410	110	1	77-125/6
75-27-4	Bromodichloromethane	12.2	4000	4020	100	3650	91	10*	77-111/9
75-25-2	Bromoform	ND	4000	4150	104	3530	88	16*	69-117/9
74-83-9	Bromomethane	ND	4000	4090	102	3990	100	2	60-134/14
56-23-5	Carbon tetrachloride	ND	4000	4480	112	3930	98	13*	83-133/8
108-90-7	Chlorobenzene	ND	4000	4340	109	3980	100	9*	78-120/8
124-48-1	Dibromochloromethane	ND	4000	4320	108	4230	106	2	70-117/9
75-00-3	Chloroethane	ND	4000	4210	105	3900	98	8	66-135/13
110-75-8	2-Chloroethylvinyl ether	ND	4000	4370	109	3850	96	13	20-122/32
67-66-3	Chloroform	479 ^b	4000	4590	115	4020	101	13*	80-116/7
74-87-3	Chloromethane	ND	4000	4740	119	4270	107	10	42-154/21
95-50-1	1,2-Dichlorobenzene	ND	4000	4030	101	3910	98	3	69-125/7
541-73-1	1,3-Dichlorobenzene	ND	4000	4000	100	3820	96	5	71-126/7
106-46-7	1,4-Dichlorobenzene	ND	4000	4110	103	3940	99	4	67-129/7
75-71-8	Dichlorodifluoromethane	ND	4000	5160	129	4760	119	8	19-163/14
75-34-3	1,1-Dichloroethane	2.6	4000	4590	115	3980	99	14*	90-129/8
107-06-2	1,2-Dichloroethane	6.0	4000	4180	104	3990	100	5	87-117/7
75-35-4	1,1-Dichloroethene	7.8	4000	4470	112	4250	106	5	81-139/19
156-59-2	cis-1,2-Dichloroethene	2890 ^b	4000	6420	88	6080	80	5	80-116/8
156-60-5	trans-1,2-Dichloroethene	ND	4000	4790	120	4140	104	15*	88-133/9
78-87-5	1,2-Dichloropropane	ND	4000	4160	104	3830	96	8	86-123/9
10061-01-5	cis-1,3-Dichloropropene	ND	4000	4380	110	4000	100	9	86-129/10
10061-02-6	trans-1,3-Dichloropropene	ND	4000	4000	100	3850	96	4	74-125/11
100-41-4	Ethylbenzene	ND	4000	3940	99	3880	97	2	74-127/6
75-09-2	Methylene chloride	4010 ^b	4000	8600	115	6990	75	21	61-144/26
1634-04-4	Methyl Tert Butyl Ether	ND	4000	4560	114	4450	111	2	66-127/9
79-34-5	1,1,2,2-Tetrachloroethane	ND	4000	4490	112	4260	107	5	80-126/10
127-18-4	Tetrachloroethene	2.6	4000	4120	103	3970	99	4	91-125/8
108-88-3	Toluene	256 ^b	4000	4220	99	4160	98	1	77-124/5
71-55-6	1,1,1-Trichloroethane	ND	4000	4280	107	3940	99	8	85-129/9
79-00-5	1,1,2-Trichloroethane	2.4	4000	4030	101	3800	95	6	85-119/9
79-01-6	Trichloroethene	1050 ^b	4000	5430	110	4910	97	10*	88-124/8
75-69-4	Trichlorofluoromethane	2.5	4000	5270	132	4620	115	13	68-135/15
75-01-4	Vinyl chloride	366 ^b	4000	4920	114	4430	102	10	43-150/22
95-47-6	o-Xylene	ND	4000	3840	96	3750	94	2	77-122/5
	m,p-Xylene	ND	8000	7750	97	7630	95	2	75-127/6

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F21235
 Account: STOLCOGJ S M Stoller
 Project: Mid-Monthly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F21235-1MS	QR020163.D	200	12/29/03	RA	n/a	n/a	GQR851
F21235-1MSD	QR020164.D	200	12/29/03	RA	n/a	n/a	GQR851
F21235-1	QR020158.D	1	12/29/03	RA	n/a	n/a	GQR851
F21235-1 ^a	QR020162.D	200	12/29/03	RA	n/a	n/a	GQR851

The QC reported here applies to the following samples:

Method: SW846 8021B

F21235-1, F21235-2

CAS No.	Surrogate Recoveries	MS	MSD	F21235-1	F21235-1	Limits
352-33-0	1-Chloro-4-fluorobenzene	110%	110%	111%	98%	70-123%
352-33-0	1-Chloro-4-fluorobenzene	111%	107%	75%	107%	70-123%
563-58-6	1,1-Dichloropropene	92%	92%	95%	92%	86-112%
563-58-6	1,1-Dichloropropene	96%	93%	65%* ^c	100%	86-112%

- (a) All hits confirmed by GC/MS.
- (b) Result is from Run #2.
- (c) Outside control limits due to matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F21235
 Account: STOLCOGJ S M Stoller
 Project: Mid-Monthly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F21299-5MS	EF033679.D	1	12/30/03	CV	n/a	n/a	GEF2040
F21299-5MSD	EF033680.D	1	12/30/03	CV	n/a	n/a	GEF2040
F21299-5	EF033678.D	1	12/30/03	CV	n/a	n/a	GEF2040

The QC reported here applies to the following samples:

Method: SW846 8021B

F21235-2

CAS No.	Compound	F21299-5 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	5.0	20	23.5	93	24.8	99	5	66-127/9

CAS No.	Surrogate Recoveries	MS	MSD	F21299-5	Limits
352-33-0	1-Chloro-4-fluorobenzene	96%	96%	90%	70-123%
98-08-8	aaa-Trifluorotoluene	96%	96%	93%	73-122%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F21235
Account: STOLCOGJ - S M Stoller
Project: Mid-Monthly Sampling, STAR Center, Largo, FL

QC Batch ID: MP6171
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 12/23/03

Metal	RL	IDL	MB raw	final
Aluminum	200	6.6	anr	
Antimony	5.0	1.5	anr	
Arsenic	10	2.8	anr	
Barium	200	.5	anr	
Beryllium	5.0	.3	anr	
Cadmium	5.0	.3	anr	
Calcium	1000	3.8	anr	
Chromium	10	.4	anr	
Cobalt	50	.5	anr	
Copper	25	.44	anr	
Iron	300	7.1	-44	<300
Lead	5.0	1.2	anr	
Magnesium	5000	9.9	anr	
Manganese	15	.16	anr	
Molybdenum	50	.75		
Nickel	40	1.1	anr	
Potassium	5000	14	anr	
Selenium	10	2	anr	
Silver	10	.6	anr	
Sodium	5000	150	anr	
Thallium	10	1.5	anr	
Tin	50	1.5	anr	
Vanadium	50	.47	anr	
Zinc	20	.59	anr	

Associated samples MP6171: F21235-1, F21235-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F21235
 Account: STOLCOGJ - S M Stoller
 Project: Mid-Monthly Sampling, STAR Center, Largo, FL

QC Batch ID: MP6171
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/23/03

12/23/03

Metal	F21204-2 Original	DUP	RPD	QC Limits	F21204-2 Original MS	Spikelot MPFLICP	% Rec	QC Limits	
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	3550	3670	3.3	0-14	3550	33400	27000	110.6	76-125
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin	anr								
Vanadium	anr								
Zinc	anr								

Associated samples MP6171: F21235-1, F21235-2

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F21235
 Account: STOLCOGJ - S M Stoller
 Project: Mid-Monthly Sampling, STAR Center, Largo, FL

QC Batch ID: MP6171
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/23/03

Metal	F21204-2 Original	MSD	SpikeLot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	3550	33000	27000	109.1	1.2	20
Lead	anr					
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel	anr					
Potassium	anr					
Selenium	anr					
Silver	anr					
Sodium	anr					
Thallium	anr					
Tin	anr					
Vanadium	anr					
Zinc	anr					

Associated samples MP6171: F21235-1, F21235-2

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F21235
 Account: STOLCOGJ - S M Stoller
 Project: Mid-Monthly Sampling, STAR Center, Largo, FL

QC Batch ID: MP6171
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/23/03

Metal	BSP Result	Spikelet MPFLICP	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	29200	27000	108.1	80-120
Lead	anr			
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin	anr			
Vanadium	anr			
Zinc	anr			

Associated samples MP6171: F21235-1, F21235-2

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F21235
 Account: STOLCOGJ - S M Stoller
 Project: Mid-Monthly Sampling, STAR Center, Largo, FL

QC Batch ID: MP6171
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/23/03

Metal	F21204-2 Original	SDL 1:5	RPD	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	3550	3390	4.5	0-10
Lead	anr			
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin	anr			
Vanadium	anr			
Zinc	anr			

Associated samples MP6171: F21235-1, F21235-2

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: **F21235**
ACCUTEST QUOTE #

CLIENT INFORMATION			FACILITY INFORMATION			ANALYTICAL INFORMATION						MATRIX CODES
NAME: <u>S.M. Stoller</u> ADDRESS: <u>2597 B 3/4 Rd.</u> <u>Grand Junction FL 81503</u> CITY: _____ STATE: <u>FL</u> ZIP: <u>81503</u> SEND REPORT TO: <u>Keith Miller</u> PHONE #: <u>970-248-6548</u>			PROJECT NAME: <u>STAR Center</u> LOCATION: <u>Largo, FL</u> PROJECT NO.: <u>110406202</u> On site contact: <u>Julian Caballero</u> FAX #: <u>727-549-1121</u>			<u>VOCs - 8021</u> <u>Fe + Hardness</u>						DW - DRINKING WATER GW - GROUND WATER WW - WASTE WATER SO - SOIL SL - SLUDGE OI - OIL LIQ - OTHER LIQUID SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION			PRESERVATION						LAB USE ONLY		
		DATE	TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	HCl	NaOH	HNO3	H2SO4			NONE
1)	PIN15-INFI-N001	12-18-03	1020	JPC	GW	4	3	1				3	1
2)	PIN15-EFFI-N001	12-18-03	1025	JPC	GW	4	3	1				3	1

DATA TURNAROUND INFORMATION	DATA DELIVERABLE INFORMATION	COMMENTS/REMARKS
<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> 48 HOUR RUSH <input type="checkbox"/> 24 HOUR EMERGENCY <input type="checkbox"/> OTHER APPROVED BY: _____ EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> COMMERCIAL "B" <input type="checkbox"/> DISK DELIVERABLE <input type="checkbox"/> STATE FORMS <input type="checkbox"/> OTHER (SPECIFY) _____	<u>EOD to Grand Junction as discussed in the 12-11-03 kickoff meeting.</u>

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

RELINQUISHED BY: <u>[Signature]</u>	DATE TIME: <u>12-18-03/1105</u>	RECEIVED BY: <u>[Signature]</u>	DATE TIME: <u>11:05</u>	RELINQUISHED BY: <u>[Signature]</u>	DATE TIME: <u>13:55</u>	RECEIVED BY: <u>[Signature]</u>
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.		RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.		SEAL #	PRESERVE WHERE APPLICABLE <input type="checkbox"/>	ON ICE <input type="checkbox"/> TEMPERATURE <u>2.8</u> °C

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

F21235

Accutest's Job Number: _____
 Client: S.M. STOLLER Project: STAR CENTER
 Date Received: 12-18-03 Time Received: 13:55 pm
 # of Coolers Received: 1 Cooler Temperatures: 2-8
 Delivery Method: FedEx UPS Accutest Courier Greyhound Delivery Other
 Air Bill Number: _____

- Cooler Custody Seals Intact ? Yes No
- Chain of Custody Provided ? Yes No
- COC Match Bottle Label ID's ? Yes No
- Sample Labels Present on all bottles ? Yes No
- All Analyses Marked On COC ? Yes No
- Are All Bottles Intact ? Yes No
- Samples Preserved Correctly ? Yes No
- Correct Number of Containers Used ? Yes No
- Sufficient Sample Volume ? Yes No
- Trip Blank Provided ? Yes No
- Trip Blank on COC ? Yes No
- Trip Blank Intact ? Yes No N/A
- Trip Blank Matrix ? Soil Water N/A
- Number of Encores ? 0
- Number of Soil Field Kits ? 0

Summary of Comments: _____

Signature: Carlos R Date: 12-18-03

Appendix C

Laboratory Reports for WWNA—October through December 2003

Case Narrative: STL Project B354340

Date: November 10, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

Laboratory: STL Tampa

Analysis Requested: Arsenic

Five liquid samples were received on November 5, 2003 and logged in as STL Project B354340. The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B354340-1	PIN18-RW02-N001	11.05.03
B354340-2	PIN18-RW03-N001	11.05.03
B354340-3	PIN18-RW0501-N001	11.05.03
B354340-4	PIN18-EFF1-N001	11.05.03
B354340-5	PIN18-EFF2-N001	11.05.03

No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B354340
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 11/10/2003
Sampled By: Client
Sample Received Date: 11/05/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354340
Date Received: 11/05/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN18-RW02-N001	B354340*1	Liquid	11/05/2003 10:07
PIN18-RW03-N001	B354340*2	Liquid	11/05/2003 10:08
PIN18-RW0501-N001	B354340*3	Liquid	11/05/2003 10:09
PIN18-EFF1-N001	B354340*4	Liquid	11/05/2003 10:12
PIN18-EFF2-N001	B354340*5	Liquid	11/05/2003 10:10

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54340-1	PIN18-RW02-N001	Liquid	11/05/03	11/05/03 10:07	
54340-2	PIN18-RW03-N001	Liquid	11/05/03	11/05/03 10:08	
54340-3	PIN18-RW0501-N001	Liquid	11/05/03	11/05/03 10:09	
54340-4	PIN18-EFF1-N001	Liquid	11/05/03	11/05/03 10:12	
54340-5	PIN18-EFF2-N001	Liquid	11/05/03	11/05/03 10:10	

Parameter	Units	Lab Sample IDs				
		54340-1	54340-2	54340-3	54340-4	54340-5
Arsenic (6010)						
Arsenic	mg/l	0.054	0.053	0.18	0.056	0.0037J

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B354340
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 11/10/2003
Sampled By: Client
Sample Received Date: 11/05/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354340
Date Received: 11/05/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN18-RW02-N001	B354340*1	Liquid	11/05/2003 10:07
PIN18-RW03-N001	B354340*2	Liquid	11/05/2003 10:08
PIN18-RW0501-N001	B354340*3	Liquid	11/05/2003 10:09
PIN18-EFF1-N001	B354340*4	Liquid	11/05/2003 10:12
PIN18-EFF2-N001	B354340*5	Liquid	11/05/2003 10:10

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54340-1	PIN18-RW02-N001	Liquid	11/05/03	11/05/03 10:07	
54340-2	PIN18-RW03-N001	Liquid	11/05/03	11/05/03 10:08	
54340-3	PIN18-RW0501-N001	Liquid	11/05/03	11/05/03 10:09	
54340-4	PIN18-EFF1-N001	Liquid	11/05/03	11/05/03 10:12	
54340-5	PIN18-EFF2-N001	Liquid	11/05/03	11/05/03 10:10	

Parameter	Units	Lab Sample IDs				
		54340-1	54340-2	54340-3	54340-4	54340-5
Arsenic (6010)						
Arsenic	mg/l	0.054	0.053	0.18	0.056	0.0037J
Dilution Factor		1	1	1	1	1
Prep Date		11/05/03	11/05/03	11/05/03	11/05/03	11/05/03
Prep Time		18:45	18:45	18:45	18:45	18:45
Analysis Date		11/07/03	11/07/03	11/07/03	11/07/03	11/07/03
Analysis Time		11:58	12:23	12:29	12:34	12:39
Batch ID		1105J	1105J	1105J	1105J	1105J
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54340-6	Method Blank	Liquid	11/05/03		
54340-7	LCS % Recovery	Liquid	11/05/03		
54340-8	LCS % Recovery	Liquid	11/05/03		
54340-9	PIN18-RW02-N001-MS % Recovery	Liquid	11/05/03	11/05/03	
54340-10	PIN18-RW02-N001-MSD % Recovery	Liquid	11/05/03	11/05/03	

Parameter	Units	Lab Sample IDs				
		54340-6	54340-7	54340-8	54340-9	54340-10

Arsenic (6010)						
Parameter	Units	54340-6	54340-7	54340-8	54340-9	54340-10
Arsenic	mg/l	0.010U	101 %	102 %	101 %	101 %
Dilution Factor		1	1	1	1	1
Prep Date		11/05/03	11/05/03	11/05/03	11/05/03	11/05/03
Prep Time		18:45	18:45	18:45	18:45	18:45
Analysis Date		11/07/03	11/07/03	11/07/03	11/07/03	11/07/03
Analysis Time		11:38	11:43	11:48	12:03	12:08
Batch ID		1105J	1105J	1105J	1105J	1105J
Quantitation Factor		1.000				

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
 6712 Benjamin Road, Suite 100
 Tampa, FL 33634

Alternate Laboratory Name/Location

Website: www.stl-inc.com
 Phone: (813) 885-7427
 Fax: (813) 885-7049

Phone:
 Fax:

**SEVERN
 TRENT**

STL

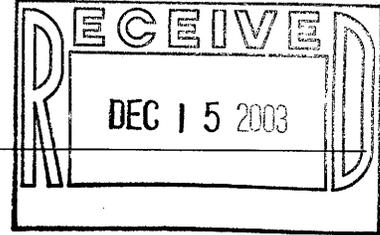
~~35 4330~~
 35 4340

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS	PAGE 1	OF 1
SAMPLER'S SIGNATURE <i>Jul P. Cole</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...) HN03 Arsenic	PRESERVATIVE	STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	
CLIENT (SITE) PM Barry Rice	CLIENT PHONE 727.545.6036	CLIENT FAX 545.1121			DATE DUE _____	
CLIENT NAME S.M. Stoller	CLIENT E-MAIL				EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	
CLIENT ADDRESS 7887 Bryan Dairy Rd. Suite 260, Largo, FL		COMPANY CONTRACTING THIS WORK (if applicable)			DATE DUE _____	
				NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1		

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS	
DATE	TIME							1	2	3	4	5	6	7	8	9	10		
11-05-03	1007	PIN18-RW02-N001	G	✓				1											
	1008	PIN18-RW03-N001	G	✓				1											
	1009	PIN18-RW0501-N001	G	✓				1											
	1012	PIN18-EFF1-N001	G	✓				1											
	1010	PIN18-EFF2-N001	G	✓				1											

RELINQUISHED BY: (SIGNATURE) <i>V. R...</i>	DATE 11-3-03	TIME 1138	RELINQUISHED BY: (SIGNATURE) <i>Jul P. Cole</i>	DATE 11-05-03	TIME 1345	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>Jul P. Cole</i>	DATE 11-04-03	TIME 1430	RECEIVED BY: (SIGNATURE) <i>Jul P. Cole</i>	DATE 11-05-03	TIME 1345	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY (SIGNATURE) <i>Charles El...</i>	DATE 11-05-03	TIME 810	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. N/S	STL TAMPA LOG NO. 8359340	LABORATORY REMARKS
--	-------------------------	--------------------	--	--------------------------------	-------------------------------------	--------------------



Case Narrative: STL Project B354737

Date: December 10, 2003

Client: S. M. Stoller Corporation

Project: Pinellas Star Center

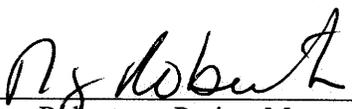
Laboratory: STL Tampa

Analysis Requested: Arsenic

Five liquid samples were received on December 3, 2003 and were logged in as STL Project B354737.
The samples are identified as follows:

STL Log No.	Sample ID	Date Collected
B354737-1	PIN18-RW02-N001	12.03.03
B354737-2	PIN18-RW03-N001	12.03.03
B354737-3	PIN18-RW0501-N001	12.03.03
B354737-4	PIN18-EFF1-N001	12.03.03
B354737-5	PIN18-EFF2-N001	12.03.03

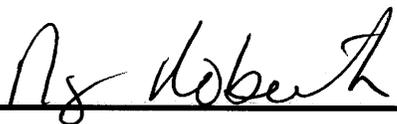
No QA/QC issues were noted.


Nancy Robertson, Project Manager

Positive Results Summary Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B354737
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 12/10/2003
Sampled By: Client
Sample Received Date: 12/03/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354737
Date Received: 12/03/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN18-RW02-N001	B354737*1	Liquid	12/03/2003 10:54
PIN18-RW03-N001	B354737*2	Liquid	12/03/2003 10:51
PIN18-RW0501-N001	B354737*3	Liquid	12/03/2003 10:53
PIN18-EFF1-N001	B354737*4	Liquid	12/03/2003 10:59
PIN18-EFF2-N001	B354737*5	Liquid	12/03/2003 10:57

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54737-1	PIN18-RW02-N001	Liquid	12/03/03	12/03/03 10:54	
54737-2	PIN18-RW03-N001	Liquid	12/03/03	12/03/03 10:51	
54737-3	PIN18-RW0501-N001	Liquid	12/03/03	12/03/03 10:53	
54737-4	PIN18-EFF1-N001	Liquid	12/03/03	12/03/03 10:59	
54737-5	PIN18-EFF2-N001	Liquid	12/03/03	12/03/03 10:57	

Parameter	Units	Lab Sample IDs				
		54737-1	54737-2	54737-3	54737-4	54737-5
Arsenic (6010)						
Arsenic	mg/l	0.076	0.044	0.18	0.062	

Method: EPA SW-846

DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

Analytical Report

For: Mr. Paul Darr
S.M. Stoller Corporation
2597 B-3/4 Road
Grand Junction, CO 81503
CC:

Order Number: B354737
SDG Number:
Client Project ID:
Project: Pinellas Star Center
Report Date: 12/10/2003
Sampled By: Client
Sample Received Date: 12/03/2003
Requisition Number:
Purchase Order: 20742



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354737
Date Received: 12/03/2003

Client: S.M. Stoller Corporation
Project: Pinellas Star Center

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
PIN18-RW02-N001	B354737*1	Liquid	12/03/2003 10:54
PIN18-RW03-N001	B354737*2	Liquid	12/03/2003 10:51
PIN18-RW0501-N001	B354737*3	Liquid	12/03/2003 10:53
PIN18-EFF1-N001	B354737*4	Liquid	12/03/2003 10:59
PIN18-EFF2-N001	B354737*5	Liquid	12/03/2003 10:57

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54737-1	PIN18-RW02-N001	Liquid	12/03/03	12/03/03 10:54	
54737-2	PIN18-RW03-N001	Liquid	12/03/03	12/03/03 10:51	
54737-3	PIN18-RW0501-N001	Liquid	12/03/03	12/03/03 10:53	
54737-4	PIN18-EFF1-N001	Liquid	12/03/03	12/03/03 10:59	
54737-5	PIN18-EFF2-N001	Liquid	12/03/03	12/03/03 10:57	

Parameter	Units	Lab Sample IDs				
		54737-1	54737-2	54737-3	54737-4	54737-5

Arsenic (6010)

Arsenic	mg/l	0.076	0.044	0.18	0.062	0.010U
Dilution Factor		1	1	1	1	1
Prep Date		12/03/03	12/03/03	12/03/03	12/03/03	12/03/03
Prep Time		20:47	20:47	20:47	20:47	20:47
Analysis Date		12/08/03	12/08/03	12/08/03	12/08/03	12/08/03
Analysis Time		11:05	11:24	11:30	11:37	11:43
Batch ID		1203M	1203M	1203M	1203M	1203M
Quantitation Factor		1.000	1.000	1.000	1.000	1.000

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54737-6	Method Blank	Liquid	12/03/03		
54737-7	LCS % Recovery	Liquid	12/03/03		
54737-8	LCSD % Recovery	Liquid	12/03/03		
54737-9	PIN18-RW02-N001-MS % Recovery	Liquid	12/03/03	12/03/03	
54737-10	PIN18-RW02-N001-MSD % Recovery	Liquid	12/03/03	12/03/03	

Parameter	Units	Lab Sample IDs				
		54737-6	54737-7	54737-8	54737-9	54737-10

Arsenic (6010)

Arsenic	mg/l	0.010U	104 %	103 %	104 %	103 %
Dilution Factor		1	1	1	1	1
Prep Date		12/03/03	12/03/03	12/03/03	12/03/03	12/03/03
Prep Time		20:47	20:47	20:47	20:47	20:47
Analysis Date		12/08/03	12/08/03	12/08/03	12/08/03	12/08/03
Analysis Time		10:27	10:34	10:53	11:11	11:18
Batch ID		1203M	1203M	1203M	1203M	1203M
Quantitation Factor		1.000				

Method: EPA SW-846
DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

SEVERN
TRENT

STL

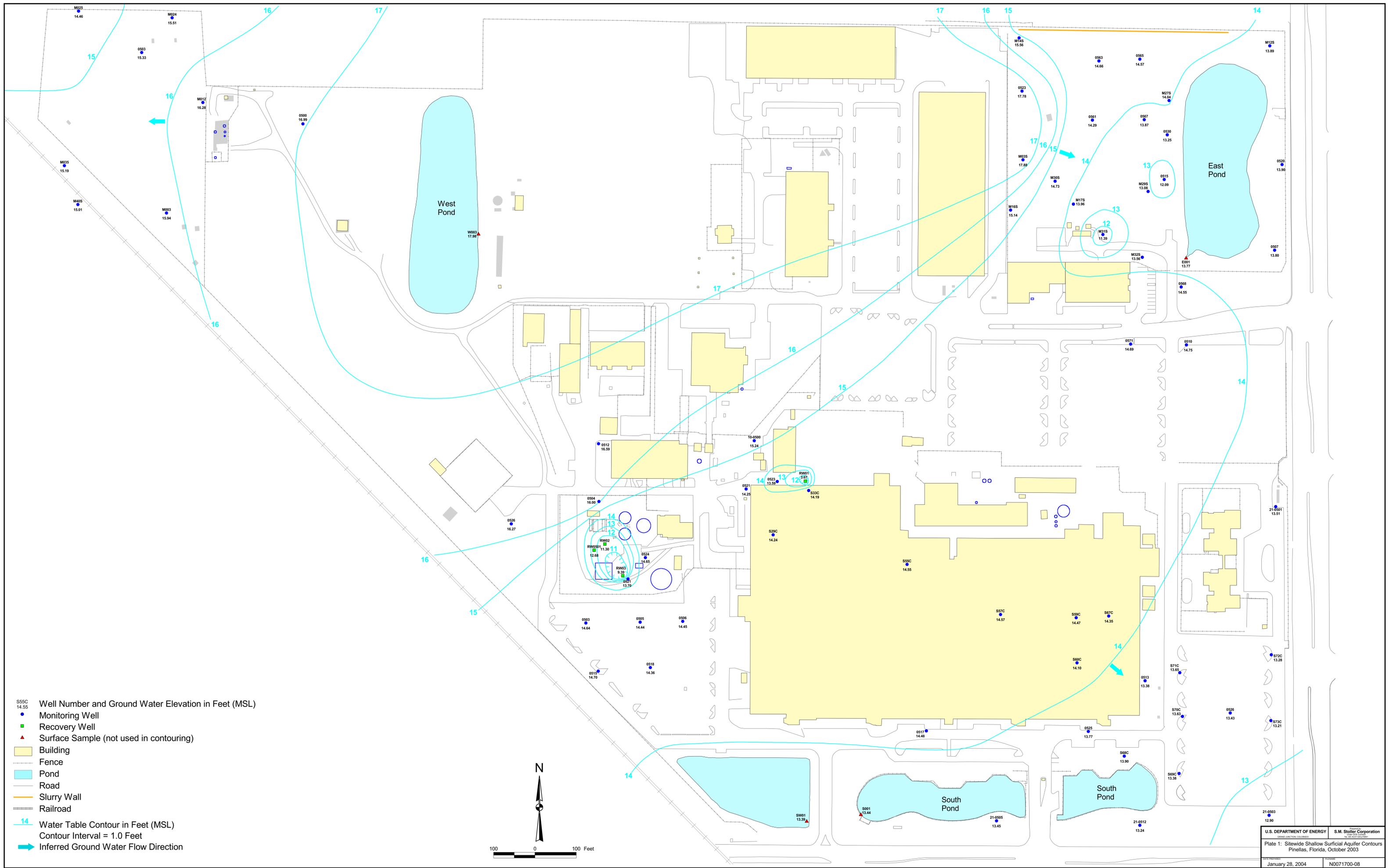
35 47 37-

PROJECT REFERENCE STAR Center	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1
SAMPLER'S SIGNATURE <i>Julie P. Carr</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	HNO3 Arsenic PRESERVATIVE										STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	
CLIENT (SITE) PM Barry Rice	CLIENT PHONE 727-545-6036	CLIENT FAX 549-1121												DATE DUE _____	
CLIENT NAME S.M. Stoller	CLIENT E-MAIL													EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	
CLIENT ADDRESS 7887 Bryan Dairy Rd, Suite 260, Largo, FL														DATE DUE _____	
COMPANY CONTRACTING THIS WORK (if applicable)			NUMBER OF CONTAINERS SUBMITTED										NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1		

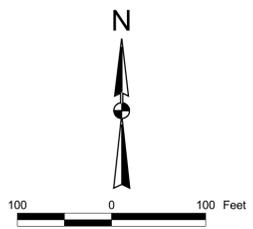
SAMPLE		SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED										REMARKS									
DATE	TIME																					
12-3-03	1054	PIN18-RW02-N001	G	✓																		
	1051	PIN18-RW03-N001	G	✓																		
	1053	PIN18-RW0501-N001	G	✓																		
	1059	PIN18-EFF1-N001	G	✓																		
	1057	PIN18-EFF2-N001	G	✓																		

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 12-1-03	TIME 0700	RELINQUISHED BY: (SIGNATURE) <i>Julie P. Carr</i>	DATE 12-3-03	TIME 1100	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 12-1-3	TIME 1030	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 12-3-03	TIME 1100	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE 12-3-03	TIME 1510	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. <i>[Signature]</i>	STL TAMPA LOG NO. B354737	LABORATORY REMARKS
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- S55C 14.55
- Monitoring Well
- Recovery Well
- ▲ Surface Sample (not used in contouring)
- Building
- Fence
- Pond
- Road
- Slurry Wall
- Railroad
- 14 Water Table Contour in Feet (MSL)
Contour Interval = 1.0 Feet
- ➔ Inferred Ground Water Flow Direction





- SS7D 14.46 Well Number and Ground Water Elevation in Feet (MSL)
- Monitoring Well
- Recovery Well
- Building
- Fence
- Pond
- Road
- Slurry Wall
- Railroad
- 14 Water Table Contour in Feet (MSL)
- Contour Interval = 1.0 Feet
- * Water Level Not Used to Construct Contours
- ➔ Inferred Ground Water Flow Direction

