SITE ASSESSMENT REPORT
SOUTH BEND STAMPING SITE
SOUTH BEND, ST. JOSEPH COUNTY, INDIANA

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
Region 5 Emergency Response Branch
77 West Jackson Boulevard
Chicago, IL 60604

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Prepared by:	Tetra Tech EM Inc.
Tetra Tech START Project Manager:	Jodi McCarty
Telephone No.:	(312) 946-6482
U.S. EPA On-Scene Coordinator:	Kenneth M. Theisen
Telephone No.:	(312) 886-1959

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1.0 INTRODUCTION

The Tetra Tech EM Inc. Superfund Technical Assessment and Response Team (START) was tasked by the U.S. Environmental Protection Agency (U.S. EPA) to perform a site assessment for the South Bend Stamping (SBS) site in South Bend, St. Joseph County, Indiana, under Technical Direction Document (TDD) No. S05-0406-003. Specifically, START was directed to compile available site information, develop a site safety plan and sampling plan, perform a site reconnaissance, collect site samples, retain an analytical laboratory, develop photographic documentation of site conditions, provide a written log documenting all on-site activities, validate sample analytical data, evaluate potential threats posed by the site to human health and the environment, and prepare this site assessment report.

The site assessment was performed in accordance with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) and Title 40 of the *Code of Federal Regulations* (CFR), Section 300.415(b)(2), to evaluate site conditions and possible threats to human health, public welfare, and the environment. This report discusses site background information, site assessment activities, sample analytical results, and potential site-related threats and includes a summary of the assessment. In addition, Appendix A contains a photographic log of site features, Appendix B contains a data validation report and validated analytical results for site samples collected by START, and Appendix C contains a list of witnesses for the site assessment.

2.0 SITE BACKGROUND

This section describes the SBS site and provides information on its history.

2.1 SITE DESCRIPTION

The SBS site is located at 601 West Broadway Street in South Bend, St. Joseph County, Indiana (see Figure 1). The site occupies approximately 82 acres in a primarily industrial area. The site is bordered by South Bend Lathe and Sample Street to the north, Franklin Street to the east, a railroad yard and residences to the south, Underground Pipe and Valve Company and Prairie Avenue to the west, and Huckins Tool & Die and Chapin Street to the northwest. The geographic coordinates for the site are latitude 41° 39' 34" north and longitude 86° 15' 16" west.

The SBS property contains eight large buildings (see Figure 2). The eight buildings are located under three separate roofs and are identified in this report as the North, East, and West buildings. The North building consists of Building 78; the East buildings include Buildings 83, 82, 79, and 80; and the West buildings consist of Buildings 93, 142, and 86. The site is surrounded by chain-link fencing. Underground tunnels connect and run through the North, East, and West buildings. It is not known why the tunnels were originally built. In addition, rooms housing electrical transformers and capacitors containing polychlorinated biphenyl (PCB) oil are located in four of the on-site buildings.

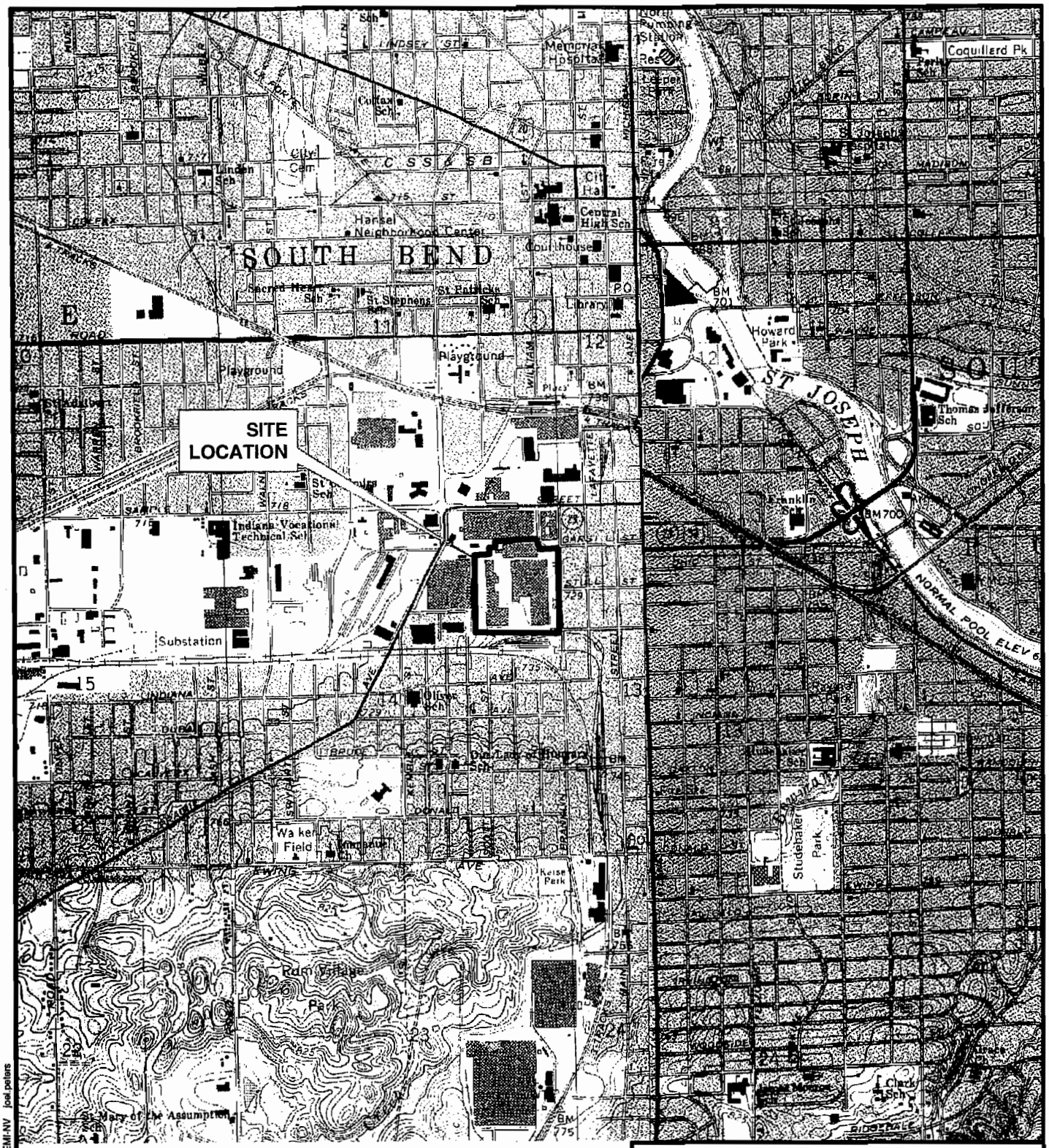
The North, East, and West buildings are further described below.

The North Building

Building 78 was constructed in 1919, is located north of Buildings 79 and 80, and was historically used as a tool room and maintenance building. In addition, a former heat treat area was located in the western portion of Building 78. An American Electric Power (AEP) substation is located approximately 50 feet west of this building.

The East Buildings

Building 83 was constructed in 1922 and is located at the east end of the East buildings. Building 83 was historically used for shipping and receiving and for storage of raw materials and manufactured goods.



QUADRANGLE LOCATION

N
W E
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0 1,000 2,000 Feet

SOURCE: MODIFIED FROM USGS, SOUTH BEND EAST AND SOUTH BEND WEST INDIANA, QUADRANGLES 1981

SOUTH BEND STAMPING SITE
601 WEST BROADWAY STREET
SOUTH BEND, INDIANA
TDD No. S05-0406-003

FIGURE 1
SITE LOCATION MAP

Tetra Tech EM Inc.

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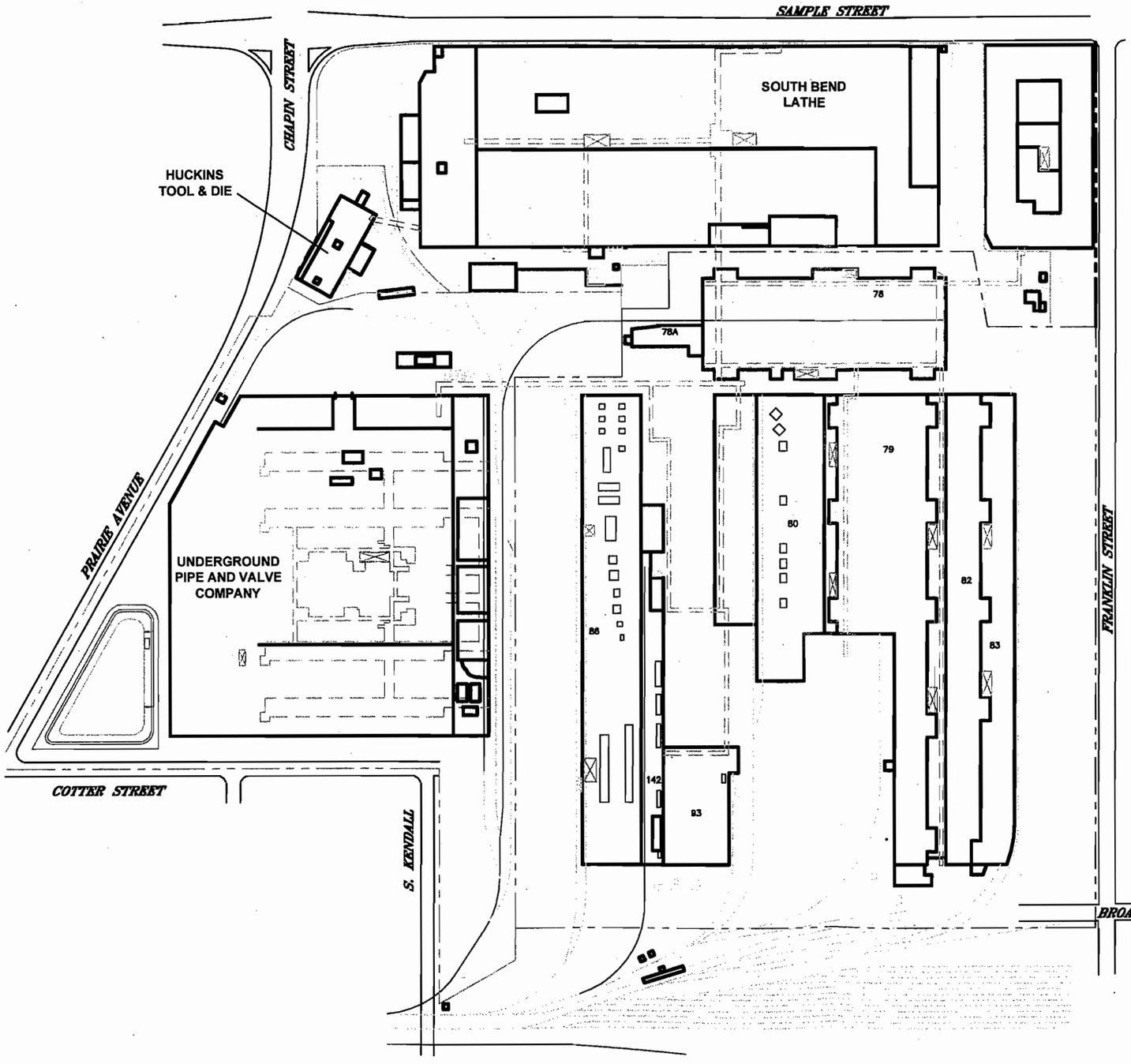

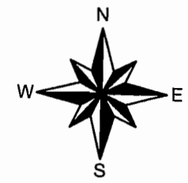

LEGEND

- PIT
- TRANSFORMER
- TANK
- STRUCTURES
- SOUTH BEND STAMPING PROPERTY LINE
- TUNNELS
- RAILROAD
- FORMER RAILROAD

SOURCE: MODIFIED FROM HULL AND ASSOCIATES, INC. 2004

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APPROX. SCALE IN FEET

SOUTH BEND STAMPING SITE
601 WEST BROADWAY STREET
SOUTH BEND, INDIANA
TDD No. S05-0406-003

FIGURE 2
SITE LAYOUT MAP

Tetra Tech EM Inc.

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Building 82 was constructed in 1922, is located west of Building 83, and was historically used for automobile assembly and part painting.

Building 79 was constructed in 1919, is located west of Building 82, and was historically used for steel part storage and assembly. Petroleum and solvents were previously stored in the southern portion of Building 79.

Building 80 was constructed in 1912, is located west of Building 79, and was historically used as a press room. Eight press pits are located in Building 80. Three of the pits have been steam-cleaned; four of the pits currently contain a petroleum-based liquid; and the remaining pit, according to Hull and Associates, Inc. (Hull), was never used.

The West Buildings

Building 93 was constructed in 1928, is located at the east end of the West buildings, and was historically used as a machining room.

Building 142 was constructed in 1926, is located west of Building 93, and was historically used for steel receiving and storage and as a die wash area and press room. Four pits, all containing a petroleum-based liquid, are located in the northern portion of Building 142.

Building 86 was constructed in 1926, is located west of Building 142, and was historically used as a spring shop, a truck chassis assembly area, and a large press room. Large presses and press pits, all containing a petroleum-based liquid, are located in the northern and southern portions of Building 86.

2.2 SITE HISTORY

This section provides a history of the SBS site.

Studebaker began operations at Plant No. 1, which is located north of the site, in the 1860s. As Plant No. 1 grew, the site property was acquired by Studebaker sometime in the 1880s and was used as a lumber storage yard for wagon production. Studebaker, preparing to enter the automobile industry, constructed much of Plant No. 2 on the site property in the 1920s. Except for Buildings 78, 79, and 80,

the buildings were built between 1922 and 1928 and were collectively known as Studebaker Plant No. 2. Studebaker Plant No. 2 contained a 500,000-square-foot foundry; an 800,000-square-foot body plant; a 400,000-square-foot engine plant; a 200,000-square-foot stamping plant; and a 1,300,000-square-foot final assembly complex. The engine plant was located north of the site property, and the stamping plant and final assembly complex later became part of the site property. Stamping, assembly, and shipping operations were conducted at Plant No. 2. Automobiles were produced there until December 1963, when Studebaker shut down all its operations and sold all its automobile production facilities in the United States. The foundry was operated by Chrysler and Cummins for about another 20 years.

In December 1963, Allied Products Corporation (APC) purchased Plant No. 2 from Studebaker, and SBS began operations as an automotive stamping plant. SBS was formed as a subsidiary to APC, which purchased old manufacturing plants throughout the Midwest for use in various business ventures. APC sold SBS to EWI, which eventually sold SBS to Tecumseh Metals (Tecumseh). The dates of the sales are not known. SBS, although it was owned by three different companies, remained in business until 1999. APC, EWI, Tecumseh, and SBS all filed for bankruptcy, with Tecumseh filing first and APC filing last in 1999.

The site was vacant between 1999 and 2002 but was purchased by the City of South Bend in March 2002 through bankruptcy proceedings. At that time, the site property became part of the Studebaker/Oliver Plow Works Redevelopment Strategy. The site has remained vacant.

A letter report submitted to the City of South Bend Redevelopment Commission by Hull on October 20, 2003, documents Phase II environmental site assessment (ESA) activities conducted at the SBS site. Hull's ESA activities included determination of the horizontal and vertical limits of petroleum-contaminated soils; evaluation of the concentrations of target analyte list (TAL) metals, semivolatile organic compounds (SVOC), and volatile organic compounds (VOC) in soils; evaluation of the horizontal and vertical extent of the source area in groundwater; and characterization of the concentrations of metals, SVOCs, and VOCs in the upper and intermediate portions of the groundwater that exceeded applicable Indiana Voluntary Remediation Program (VRP) cleanup goals. The following metals were detected in at least one soil sample: arsenic, chromium, and lead. Tetrachloroethylene (PCE) and total petroleum hydrocarbons (TPH) as diesel range organics (DRO) were also detected in at least one soil sample. The following chemicals were detected in at least one of the upper and

intermediate groundwater samples: arsenic; chromium; lead; PCE; trichloroethylene; and cis-1,2-dichloroethylene. In addition, Hull's letter report indicates that a source area for PCE exists east of Building 93 and that a PCE plume in groundwater originates near the eastern portion of Building 93. The letter report also indicates that an additional contamination source area may exist upgradient of Building 93. Groundwater flow in the area is generally to the northeast toward the St. Joseph River.

In a letter dated May 6, 2004, Mr. Andy Laurent of the City of South Bend requested assistance from U.S. EPA in assessing real and potential threats posed to human health and the environment by the SBS site. Emergency funds were authorized by the Federal On-Scene Coordinator on June 25, 2004, for the U.S. EPA's Emergency and Rapid Response Services (ERRS) contractor to secure various transformer rooms at the site. Additional funding was allocated on July 9, 2004, for the purposes of initiating an emergency removal action at the site.

Site assessment activities performed by START included a site reconnaissance and sampling. Each activity is discussed below. Photographs documenting current site conditions and site assessment activities are presented in Appendix A.

3.1 SITE RECONNAISSANCE

At about 9:00 a.m. on June 25, 2004, U.S. EPA On-Scene Coordinator (OSC) Kenneth Theisen and START members Jodi McCarty, Brandt Brown, and Thomas Kouris met at the SBS site to conduct a site reconnaissance and sampling activities. In addition, Mr. Roger Shields of Environmental Quality Management (EQM), Mr. Andy Laurent of the City of South Bend Redevelopment Commission, and Mr. Terry Baehr of Hull were present during the site assessment activities.

The site contains eight large buildings that were observed to be in poor condition. Piles of debris, including old car molds, piping, and other items, were observed in the courtyard area between the East and West buildings.

The interior of Building 78 in the northern portion of the site was not inspected because it was believed that no drums or other containers were located in the building and because both transformers were located on the exterior of the building. Two transformer rooms were observed, one on the north side of the building and one on the south side. Both rooms were labeled as containing PCB oil. Drums and smaller containers were observed in each transformer room.

Buildings 79, 80, 82, and 83 (the East buildings) contained a number of 55-gallon drums and smaller containers. Most drums were not labeled. Electrical transformers and capacitors were observed in Buildings 79 and 83. PCB labels were observed on all the transformers. Electrical switches and ignitrons containing mercury were observed in one of the transformer rooms in Building 79. Eight belowground pits were observed in Building 80. Three pits in the northern portion of the building were overflowing with oil. No barricades were present around any of these pits. Wood fencing had been placed around a few of the pits in the southern portion of the building; however, the wood was warped

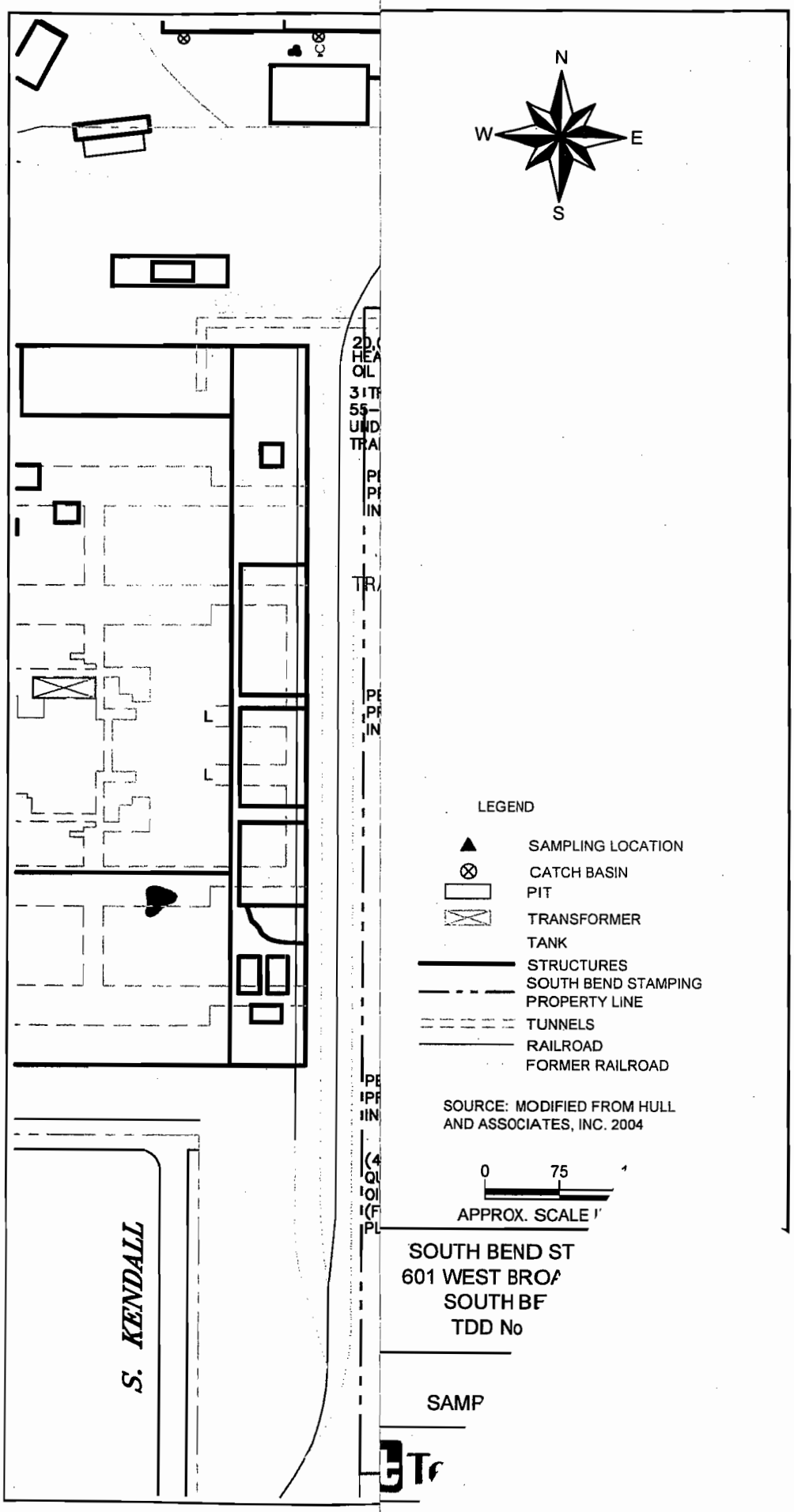
and had either been removed or deteriorated in most locations. The floor in some areas of the buildings consisted of concrete with overlying wooden blocks. Because of freezing and thawing conditions in the abandoned buildings during winter, the wooden blocks were loose in most spots, creating piles of wooden blocks throughout the buildings. The blocks appeared to be stained with oil in most locations. In addition, puddles of both oil and water were observed on the floor in each building.

Buildings 86, 93, and 142 (the West buildings) contained numerous 55-gallon drums, most of which were unlabeled. Unlabeled, 55-gallon drums were also observed outside of Building 93. One 55-gallon drum in the northwest corner of Building 93 had spilled its contents onto the floor. Puddles of oil and water were observed throughout the buildings. Three pits were observed in Building 142, and 21 pits were observed in Building 86. Oil was observed in most of the pits. Wooden tables and fencing had been placed around some of the pits; however, some of the fencing had either fallen over or deteriorated. Transformers labeled as containing PCBs were observed in Building 86, as were electrical switches and ignitrons containing mercury.

The roof in the northwestern part of Building 86 had collapsed. A fire had been set by vandals in the area, and the roof and wall had caved in. The insulation used for the piping in the fire-damaged area appeared to contain friable asbestos and was exposed to the environment.

3.2 SAMPLING ACTIVITIES

To evaluate whether the SBS site poses a threat to human health or the environment, START collected samples from 55-gallon drums, a monitoring well, transformers, in-ground concrete pits, pipe insulation, and a debris stockpile on June 25, 2004. Specifically, START collected six liquid waste drum samples, one groundwater sample, four transformer oil samples, two waste oil pit samples, one wastewater pit sample, and two suspected asbestos samples. Sampling locations are shown in Figure 3. START collected the samples under the direction of U.S. EPA OSC Theisen, who determined the exact locations and media to be sampled. The determination was based on previous sampling locations and their respective analytical results. Drum sampling was performed in Level B personal protective equipment (PPE), and all other sampling activities were performed in Level D PPE. The sampling activities are detailed below. The drum, monitoring well, transformer, and pit samples were submitted to Severn



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Trent Laboratories (STL) in University Park, Illinois, for analysis for various parameters, including VOCs, SVOCs, PCBs, total Resource Conservation and Recovery Act (RCRA) metals, flash point, pH, heat content, TPH as gasoline range organics (GRO) and DRO. The two suspected asbestos samples were submitted to Reservoirs Environmental in Denver, Colorado, for analysis for the presence of asbestos.

Drum sample D01 was a liquid waste sample collected from a 55-gallon drum in Building 93. No markings were observed on the drum. The drum was less than one-quarter full and produced a headspace reading of 4.4 parts per million (ppm) on a photoionization detector (PID). The top layer of the sample was a brown, opaque liquid, and the bottom layer was a yellow, opaque liquid. The sample was analyzed for VOCs, SVOCs, PCBs, total RCRA metals, flash point, and pH.

Drum sample D02 was a liquid waste sample collected from a 55-gallon drum in Building 93. The drum was marked with "Diluted 5/18/98 CW" in writing. The drum was less than one-quarter full and produced a headspace reading of 10 ppm on the PID. The sample was a red, transparent liquid. The sample was analyzed for VOCs, SVOCs, PCBs, total RCRA metals, flash point, and pH.

Drum sample D03 was a liquid waste sample collected from a 55-gallon drum in Building 93. The drum was marked "Crown Oil." The drum was one-half full and produced a headspace reading of 5 ppm on the PID. The sample was a green-brown, opaque liquid. The sample was analyzed for VOCs, SVOCs, PCBs, total RCRA metals, flash point, and pH.

Drum sample D04 was a liquid waste sample collected from a 55-gallon drum in Building 93. The drum was marked "Fuchs Lubricants Reodleax CS 205 HU" and had a "Corrosive" label. The drum was one-half full and produced a headspace reading of 7 ppm on the PID. The sample was a red, transparent liquid. The sample was analyzed for VOCs, SVOCs, PCBs, total RCRA metals, flash point, and pH.

Drum sample D05 was a liquid waste sample collected from a 55-gallon drum located outside of Building 93. No markings were observed on the drum. The drum was three-quarters full and produced a headspace reading of 500 ppm on the PID. The sample was a reddish-pink, transparent liquid. The sample was analyzed for VOCs, SVOCs, PCBs, total RCRA metals, flash point, pH, TPH as GRO, and TPH as DRO.

Drum sample D06 was a liquid waste sample collected from a 55-gallon drum in Building 80. The drum was marked with "Fox Oil." The drum was less than one-quarter full and produced a headspace reading of 0 ppm on the PID. The sample was a brown, opaque liquid. The sample was analyzed for VOCs, SVOCs, PCBs, total RCRA metals, flash point, and pH.

Monitoring well sample GW01 was a groundwater sample collected from Hull monitoring well HMW-9I in Building 142. The sample was analyzed for VOCs.

Transformer sample Transformer-01 was an oil sample collected from a transformer located in the southern portion of Building 79 along the eastern wall. The sample was analyzed for PCBs.

Transformer sample Transformer-02 was an oil sample collected from a transformer located in the central portion of Building 79 along the eastern wall. The sample was analyzed for PCBs.

Transformer sample Transformer-03 was an oil sample collected from a transformer located in the southwestern portion of Building 79 along the western wall. The sample was analyzed for PCBs.

Transformer sample Transformer-04 was an oil sample collected from a transformer located in Building 86 along the western wall. The sample was analyzed for PCBs.

Pit sample P01 was a waste oil sample collected from the southwestern pit in Building 86. The pit is approximately 60 feet long, 15 feet wide, and 20 to 30 feet deep. Approximately 2.5 feet of waste oil was observed in the pit. The sample was analyzed for VOCs, SVOCs, PCBs, total RCRA metals, and heat content.

Pit sample P02 was a waste oil sample collected from one of the northern pits in Building 80. The pit is approximately 20 feet long, 20 feet wide, and 20 to 30 feet deep. The pit was overflowing with a waste oil and wastewater mixture. Approximately the top three inches of liquid was waste oil, and the rest of the pit was wastewater. The sample was analyzed for VOCs, SVOCs, PCBs, total RCRA metals, and heat content.

Pit sample P02W was a wastewater sample collected from the northern pit in Building 80 described in

the preceding paragraph. Only wastewater below the oily phase in the pit was collected for this sample. The sample was analyzed for SVOCs, PCBs, total RCRA metals, and pH.

Sample ASB01 was suspected asbestos collected from the insulation on a water steam pipe near the fire-damaged area in Building 86. Sample ASB02 was suspected asbestos collected from a debris pile in a courtyard area south of Buildings 79 and 80. Both samples were analyzed for asbestos.

START obtained laboratory analytical results for six liquid waste drum samples, one groundwater sample, four transformer oil samples, two waste oil pit samples, one wastewater pit sample, and two suspected asbestos samples collected at the SBS site. The drum, monitoring well, transformer, and pit samples were submitted to STL in University Park, Illinois, for analysis for various parameters, including VOCs, SVOCs, PCBs, total RCRA metals, flash point, pH, heat content, TPH as GRO, and TPH as DRO. The two suspected asbestos samples were submitted to Reservoirs Environmental in Denver, Colorado, for asbestos analysis under analytical TDD No. S05-0406-004. Analytical parameters were chosen based on the criteria for identification of hazardous waste set forth in 40 CFR Part 261. Analytical results for drum samples are presented in Table 1, analytical results for monitoring well and pit samples are presented in Table 2, analytical results for transformer samples are presented in Table 3, and analytical results for suspected asbestos samples are presented in Table 4. Sample analytical parameters and significant analytical results are discussed below.

Drum sample D01 contained low concentrations of the following VOCs: acetone; 2-Butanone; hexachlorobutadiene; p-isopropyltoluene; 4-methyl-2-pentanone; naphthalene; toluene; 1,2,3-trichlorobenzene; 1,2,4-trichlorobenzene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; and m - and p-xylenes. Sample D01 also contained the SVOCs bis(2-ethylhexyl)phthalate and n-nitrosodiphenylamine at concentrations of 1,200,000 and 1,400,000 micrograms per kilogram (µg/kg), respectively. The SVOC analysis yielded mostly nondetect results, but the analytical detection limits were 990,000 µg/kg or higher. Trace concentrations of metals were detected in sample D01. No PCBs were detected in the sample.

Drum sample D02 contained detectable concentrations of carbon tetrachloride and chloromethane. The SVOC analysis limits yielded nondetect results, but the analytical detection limits were 85,000 µg/kg or higher. Sample D02 contained detectable concentrations of arsenic, barium, and chromium. The sample was slightly caustic, with a pH of 9.5 standard units (S.U.). No PCBs were detected in the sample.

Drum sample D03 contained naphthalene at a low concentration as well as trace concentrations of barium and lead. The SVOC analysis yielded nondetect results, but the analytical detection limits were 930,000 µg/kg or higher. The sample was slightly caustic, with a pH of 9.2 S.U. No PCBs were detected in the sample.

TABLE 1
DRUM SAMPLE ANALYTICAL RESULTS
SOUTH BEND STAMPING SITE

Sample ID	**D01**	**D02**	**D03**	**D04**	**D05**	**D06**
Sampling Date	**06/25/04**	**06/25/04**	**06/25/04**	**06/25/04**	**06/25/04**	**06/25/04**
Volatile Organic Compounds (µg/kg)						
Acetone	**7,300**	BDL	BDL	BDL	BDL	BDL
Benzene	BDL	BDL	BDL	BDL	**29,000**	BDL
2-Butanone	**280**	BDL	BDL	BDL	BDL	**210**
n-Butylbenzene	BDL	BDL	BDL	BDL	**530,000**	BDL
sec-Butylbenzene	BDL	BDL	BDL	BDL	**170,000**	BDL
Carbon tetrachloride	BDL	**340**	BDL	BDL	BDL	BDL
Chloromethane	BDL	**220**	BDL	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL	BDL	**240,000**	BDL
Hexachlorobutadiene	**140**	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	BDL	BDL	BDL	BDL	**91,000**	BDL
p-Isopropyltoluene	**290**	BDL	BDL	BDL	**110,000**	BDL
4-Methyl-2-pentanone	**860**	BDL	BDL	BDL	BDL	BDL
Naphthalene	**450**	BDL	**450**	BDL	**400,000**	**240**
n-Propylbenzene	BDL	BDL	BDL	BDL	**250,000**	BDL
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL
Toluene	**100**	BDL	BDL	BDL	**290,000**	BDL
1,2,3-Trichlorobenzene	**140**	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	**100**	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	**370**	BDL	BDL	BDL	**1,600,000**	BDL
1,3,5-Trimethylbenzene	**150**	BDL	BDL	BDL	**450,000**	BDL
m- and p-Xylenes	**160**	BDL	BDL	BDL	**810,000**	BDL
o-Xylene	BDL	BDL	BDL	BDL	**440,000**	BDL

TABLE 1 (Continued)
DRUM SAMPLE ANALYTICAL RESULTS
SOUTH BEND STAMPING SITE

Sample ID	D01	D02	D03	D04	D05	D06
Sampling Date	**06/25/04**	**06/25/04**	**06/25/04**	**06/25/04**	**06/25/04**	**06/25/04**
Semivolatile Organic Compounds (µg/kg)						
Bis(2-ethylhexyl)phthalate	**1,200,000**	BDL	BDL	BDL	BDL	BDL
2-Methylnaphthalene	BDL	BDL	BDL	BDL	**2,000,000**	BDL
n-Nitrosodiphenylamine	**1,400,000**	BDL	BDL	BDL	BDL	BDL
Total Resource Conservation and Recovery Act Metals (mg/kg)						
Arsenic	BDL	**0.23**	BDL	BDL	BDL	BDL
Barium	**24**	**0.17**	**2.5**	**0.35**	BDL	BDL
Cadmium	**0.075**	BDL	BDL	BDL	BDL	BDL
Chromium	**0.21**	**0.24**	BDL	**0.71**	BDL	BDL
Lead	**0.40**	**0.043**	**4.4**	BDL	BDL	BDL
Mercury	**0.0043**	**0.0043**	**0.0043**	BDL	**0.0043**	BDL
Selenium	**0.37**	**0.04**	BDL	BDL	**0.13**	BDL
Silver	**0.29**	**0.031**	BDL	BDL	BDL	BDL
Total Petroleum Hydrocarbons (mg/kg)						
Diesel range organics	NA	NA	NA	NA	**940,000**	NA
Gasoline range organics	NA	NA	NA	NA	**56,000**	NA
General Chemistry						
Flash point (°F)	>140	>200	>200	>140	**130**	>140
pH (standard units)	6.9	9.5	9.2	13.5	10.2	8.9

Notes:

µg/Kg = Microgram per kilogram
mg/Kg = Milligram per kilogram
BDL = Below detection limit
NA = Parameter not analyzed for

Although complete analyses for volatile organic compounds, semivolatile organic compounds, polychlorinated biphenyls, and total Resource Conservation and Recovery Act metals were performed for designated samples, only those analytes detected in at least one of the samples are presented above.

TABLE 2
MONITORING WELL AND PIT SAMPLE ANALYTICAL RESULTS
SOUTH BEND STAMPING SITE

Sample ID	GW01	P01	P02	P02W
Sampling Date	**06/25/04**	**06/25/04**	**06/25/04**	**06/25/04**
Volatile Organic Compounds (µg/kg)				
Acetone	**9.2**	BDL	BDL	NA
1,2-Dibromoethane	**0.13**	BDL	BDL	NA
1,2-Dichloroethane	**0.090**	BDL	BDL	NA
Naphthalene	BDL	**260**	**310**	NA
Tetrachloroethene	**140**	BDL	BDL	NA
Semivolatile Organic Compounds (µg/kg)				
Fluorene	NA	BDL	BDL	**9.9J**
2-Methylnaphthalene	NA	**2,000,000**	BDL	**36**
Phenol	NA	BDL	BDL	**320**
Total Resource Conservation and Recovery Act Metals (mg/L)				
Barium	NA	**10**	**25**	**0.92**
Cadmium	NA	**0.19**	**0.15**	**0.0064**
Chromium	NA	**1.3**	**0.34**	**0.039**
Mercury	NA	**0.0058**	**0.0078**	BDL
Lead	NA	**16**	**5.2**	**0.21**
General Chemistry				
pH (standard units)	NA	NA	NA	11.4
Heat content (BTUs per pound)	NA	**15,000**	**20,000**	NA

Notes:

µg/kg = Microgram per kilogram
mg/L = Milligram per liter
BDL = Below detection limit
BTU = British thermal unit
J = Estimated result
NA = Parameter not analyzed for

Although complete analyses for volatile organic compounds, semivolatile organic compounds, polychlorinated biphenyls, and total Resource Conservation and Recovery Act metals were performed for designated samples, only those analytes detected in at least one of the samples are presented above.

TABLE 3
TRANSFORMER SAMPLE ANALYTICAL RESULTS
SOUTH BEND STAMPING SITE

Sample ID	Transformer-01	Transformer-02	Transformer-03	Transformer-04
Sampling Date	**06/25/04**	**06/25/04**	**06/25/04**	**06/25/04**
Polychlorinated Biphenyls (µg/kg)				
Aroclor 1016	BDL	BDL	BDL	BDL
Aroclor 1221	BDL	BDL	BDL	BDL
Aroclor 1232	BDL	BDL	BDL	BDL
Aroclor 1242	BDL	BDL	BDL	BDL
Aroclor 1248	BDL	BDL	BDL	BDL
Aroclor 1254	BDL	BDL	BDL	BDL
Aroclor 1260	**3,500,000**	**10,000,000**	**500,000,000**	**520,000,000**

Notes:

µg/kg = Microgram per kilogram
BDL = Below detection limit

TABLE 4
SUSPECTED ASBESTOS SAMPLE ANALYTICAL RESULTS
SOUTH BEND STAMPING SITE

Sample ID	Asbestos Content		Non-Asbestos Fibers Component (Percent)	Non-Fibrous Component (Percent)
	Mineral	Percentage		
ASB01	Chrysotile	23	0	75
	Amosite	2		
ASB02	Chrysotile	ND	60	40
	Amosite	ND		

Notes:

ND = Not detected

The samples were collected on June 25, 2004.

In drum sample D04, barium and chromium were detected at 0.35 and 0.71 milligrams per kilogram (mg/kg), respectively. These parameters were also found in an associated laboratory blank sample. The sample was caustic with a pH of 13.5 S.U. No VOCs, SVOCs, or PCBs were detected in the sample. However, the analytical detection limit for SVOCs was 950,000 µg/kg or higher.

Drum sample D05 contained high concentrations of benzene (29,000 µg/kg); n-butylbenzene (530,000 µg/kg); sec-butylbenzene (170,000 µg/kg); ethylbenzene (240,000 µg/kg); isopropylbenzene (91,000 µg/kg); p-isopropyltoluene (110,000 µg/kg); naphthalene (400,000 µg/kg); n-propylbenzene (250,000 µg/kg); toluene (290,000 µg/kg); 1,2,4-trimethylbenzene (1,600,000 µg/kg); 1,3,5-trimethylbenzene (450,000 µg/kg); m- and p-xylenes (810,000 µg/kg); and o-xylene (440,000 µg/kg). The sample also contained 2-methylnaphthalene at a concentration of 2,000,000 µg/kg. The analytical detection limits for SVOCs were 1,000,000 µg/kg or higher. Trace concentrations of mercury and selenium were detected. TPH as DRO and TPH as GRO were detected at concentrations of 940,000 and 56,000 mg/kg, respectively. The sample had a flash point of 130 °F and a pH of 10.2 S.U. which is slightly caustic. No PCBs were detected in the sample.

Drum sample D06 contained low concentrations of 2-butanone (210 µg/kg) and naphthalene (240 µg/kg). No SVOCs, RCRA metals, or PCBs were detected in the sample. However, the analytical detection limits for SVOCs were 970,000 µg/kg or higher. The sample had a flash point of >140 °F and a pH of 8.9 S.U.

Monitoring well sample GW01 contained low concentrations of acetone and tetrachloroethene. Pit samples P01 and P02 contained low concentrations of naphthalene and various metals, including barium, cadmium, chromium, mercury, and lead. Sample P01 also contained 2-methylnaphthalene at a concentration of 2,000,000 µg/kg. Samples P01 and P02 had heat content values of 15,000 and 20,000 British thermal units (BTU) per pound, respectively. No PCBs were detected in either sample. Pit sample P02W contained low concentrations of fluorene, 2-methylnaphthalene, and phenol as well as low concentrations of barium, cadmium, chromium, and lead. The sample was caustic, with a pH of 11.4 S.U. No PCBs were detected in sample P02W.

Transformer oil samples Transformer-01, Transformer-02, Transformer-03, and Transformer-04 were all analyzed for PCBs. Aroclor 1260 was detected in the four samples at concentrations of 3,500,000;

10,000,000; 500,000,000; and 520,000,000 µg/kg, respectively.

Suspected asbestos sample ASB01 contained 23 percent chrysotile and 2 percent amosite. No asbestos was detected in sample ASB02.

Paragraph (b)(2) of 40 CFR Section 300.415 lists factors to be considered when determining the appropriateness of a potential removal action at a site. Those factors applicable to the SBS site are summarized below.

Actual or potential exposure of nearby human populations, animals, or the food chain to hazardous substances or pollutants or contaminants

The SBS site is fenced. However, access to the site buildings is virtually unrestricted. Numerous building doors are unlocked and can be opened easily. In addition, openings have been created in many of the buildings' outer walls, allowing access to the interiors of all the buildings and contact with numerous drums of unidentified chemicals, pits filled with oil, transformers containing PCB oil, and electrical switches and ignitrons containing mercury. Evidence of trespassing was observed throughout the site buildings. A chain-link fence separates the site from the surrounding properties; however, areas of the fence have been cut away and gate locks have been removed, allowing access to the site. A fire intentionally set by trespassers in September 2003 destroyed a portion of Building 86. The damage created by the fire exposed friable asbestos to the atmosphere. The fire damage also created a means of easy access to the interior of Buildings 86, 93, and 142, which contain drums with unidentified contents, pits filled with oil, and transformers containing both PCB oil and mercury.

Additional results for drum samples collected during the site assessment indicated the presence of VOCs in five of the six drums sampled. Four of the six drums sampled also contained caustic materials with pH levels ranging between 9.2 and 13.5 S.U. The contents of one of the drums sampled had a flash point of 130 °F, indicating the presence of ignitable materials. Four electrical transformers were sampled during the site assessment, and they contained Aroclor 1260 concentrations ranging between 3,500,000 and 520,000,000 µg/kg. Elemental mercury was observed in two of the transformer rooms. The presence of asbestos on site was confirmed by sample analytical results; the sample was collected from piping insulation in the fire-damaged area of Building 86.

Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers that pose a threat of release

Numerous 55-gallon drums and smaller containers with unidentified contents are located at the SBS site. Some of the containers are open and have leaked their contents onto the floors. Transformers located throughout the site buildings contain PCB oil, and some contain ignitrons with mercury. Evidence of leakage was observed around the transformers. In some of the buildings, pits containing oil are overflowing. The oil is migrating onto the surrounding floors and possibly out of the buildings into the environment.

Oil samples collected from the pits during the site assessment confirmed the presence of VOCs, SVOCs, and RCRA metals in the pits. In addition, the pit oil samples collected had heat content values of 15,000 and 20,000 BTUs per pound. Five of the six drum samples collected contained VOCs. Asbestos was confirmed to be present on site. The presence of PCB oil in four of the on-site transformers was confirmed; one transformer sample had an Aroclor 1260 concentration of 520,000,000 µg/kg.

Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released

A fire intentionally set in Building 86 caused the roof in one area to collapse. The collapsed roof has left large amounts of asbestos exposed to the environment. The fire damage has also created an area where rain and snow can enter the building. The roofs of the site buildings have deteriorated and allow rain to enter the buildings and collect in both pits and puddles on the floor. The rain that has entered the buildings has caused several of the large pits containing oil to overflow onto the surrounding floors. Eventually, this overflowing oil and water mixture could migrate to the adjacent sewers, the local sewage treatment plant, and ultimately the St. Joseph River.

The pit oil samples collected during the site assessment confirmed the presence of VOCs, SVOCs, and RCRA metals in the pits. In addition, these samples had heat content values of 15,000 and 20,000 BTUs per pound.

Threat of fire or explosion

Large quantities of hydraulic oil and PCB oil are present on site. In addition, oil is present in pits, 55-gallon drums, and other containers. One fire has already been intentionally set at the site. Most buildings have floors covered with wooden blocks as well as ceilings or roofs constructed of wood. Rooms containing transformers holding PCB oil are not secured and could easily be accessed by trespassers wanting to set a fire.

Five of the six drum samples collected during the site assessment contained VOCs. The VOCs (and maximum concentrations) detected in the sample included benzene (29,000 µg/kg), ethylbenzene (240,000 µg/kg), naphthalene (400,000 µg/kg), toluene (290,000 µg/kg), and xylenes (1,250,000 µg/kg). In addition, sample D05 had a flash point of 130 °F and TPH as DRO and TPH as GRO concentrations of 940,000 and 56,000 mg/kg, respectively.

The availability of other appropriate federal or state response mechanisms, to respond to the release

In a letter dated May 6, 2004, the City of South Bend requested U.S. EPA's assistance with the SBS site.

6.0 SUMMARY

The SBS site is located at 601 West Broadway Street in South Bend, St. Joseph County, Indiana. The site occupies approximately 82 acres in a primarily industrial area. The site is bordered by South Bend Lathe and Sample Street to the north, Franklin Street to the east, a railroad yard and residences to the south, Underground Pipe and Valve Company and Prairie Avenue to the west, and Huckins Tool & Die and Chapin Street to the northwest.

During a site assessment conducted on June 25, 2004, U.S. EPA and START observed numerous 55-gallon drums and smaller containers with unidentified contents and pits filled with oil and wastewater, some of which were overflowing to the surrounding floors. In addition, numerous rooms containing transformers were observed. Each transformer room was labeled as containing PCBs. Electrical switches and ignitrons containing mercury were observed in two of the transformer rooms. Friable asbestos was observed on piping in Building 86, where a fire had occurred. Access to the site property was not restricted.

Analytical results for samples collected during the site assessment indicated the presence of VOCs in five of the six drums sampled as well as in two pits. Four of the six drums sampled also contained caustic materials with pH levels ranging between 9.2 and 13.5 S.U. The four transformers sampled contained Aroclor 1260 concentrations ranging between 3,500,000 and 520,000,000 µg/kg. Asbestos was detected in insulation around piping in the fire-damaged area of Building 86.

Based on the results of the site assessment, the SBS site poses a threat of release of hazardous substances both on the site property, off-site properties, and to human populations. Therefore, the site meets the criteria for an emergency action outlined in 40 CFR Section 300.415(b)(2).

APPENDIX A

PHOTOGRAPHIC LOG

(Six Pages)

Photograph No.: 1 **Orientation:** Northeast
TDD No.: S05-0406-003 **Date:** June 25, 2004
Location: South Bend Stamping (SBS) site
Subject: Structure containing southern portion of Building 79 and Buildings 82 and 83

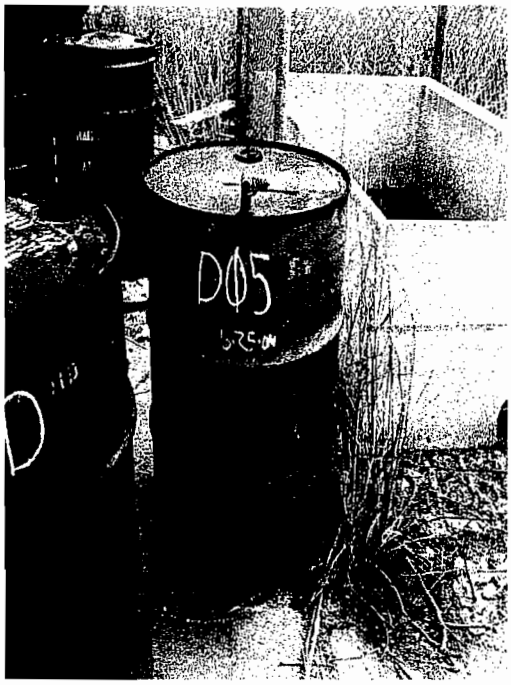
Photograph No.: 2 **Orientation:** North
TDD No.: S05-0406-003 **Date:** June 25, 2004
Location: SBS site
Subject: Buildings 79 and 80

Photograph No.: 3
TDD No.: S05-0406-003
Location: SBS site
Subject: Buildings 93, 142, and 86

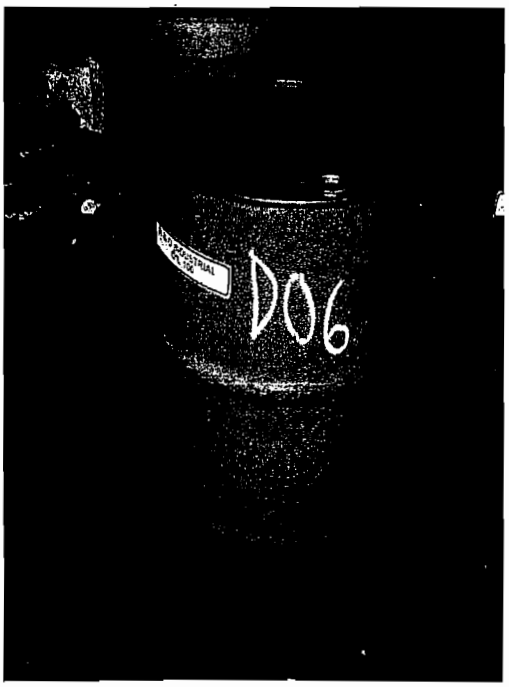
Orientation: Northwest
Date: June 25, 2004

Photograph No.: 4
TDD No.: S05-0406-003
Location: SBS site
Subject: 55-gallon drums in Building 93

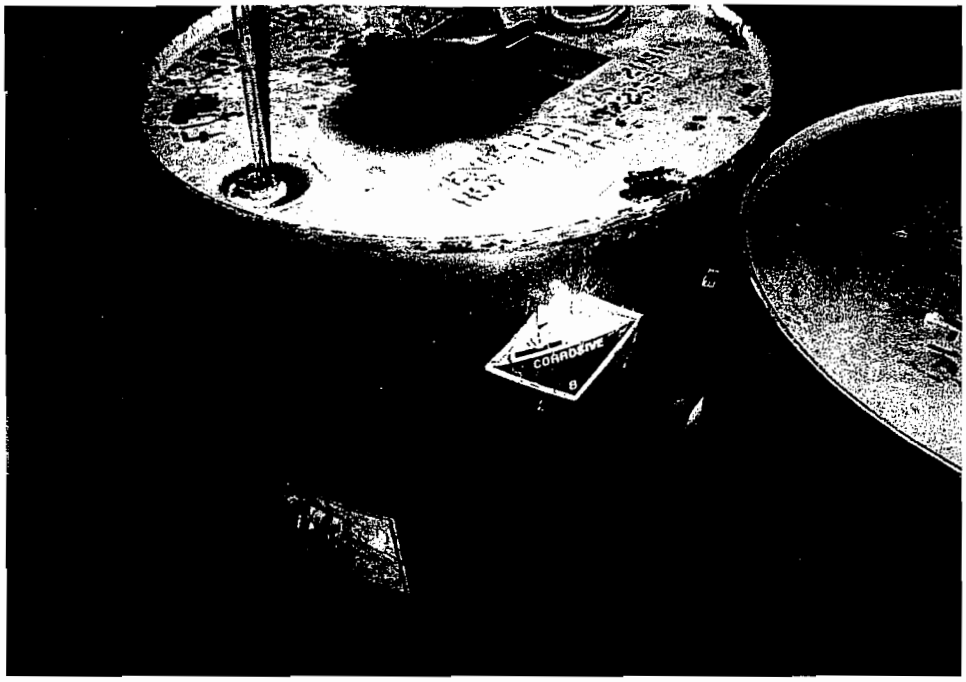
Orientation: West
Date: June 25, 2004



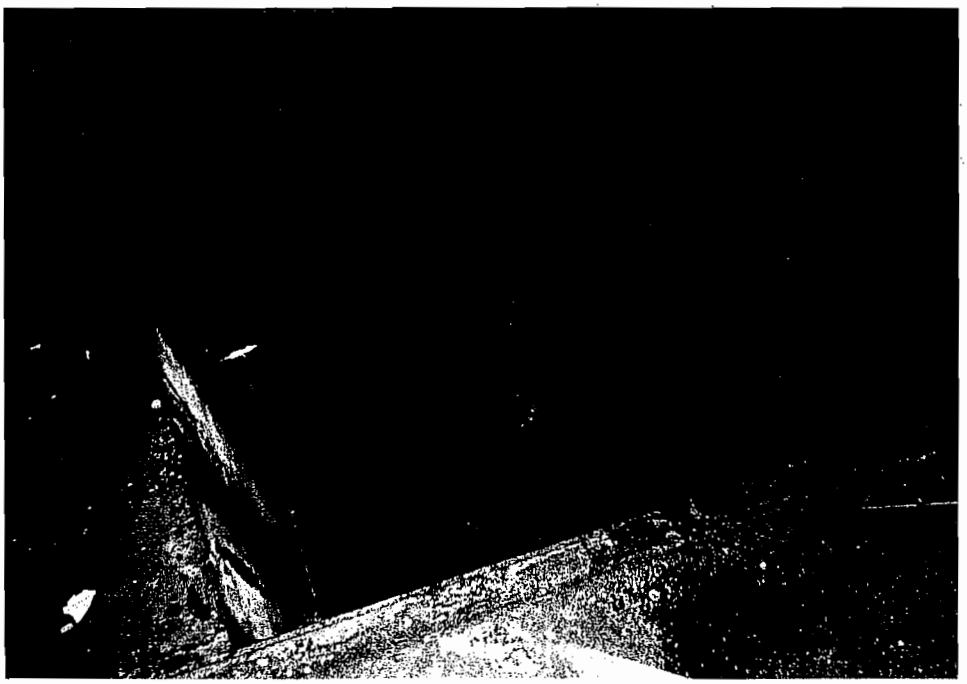
Photograph No.: 5
TDD No.: S05-0406-003
Location: SBS site
Subject: 55-gallon drums stored outside Building 93
Orientation: South
Date: June 25, 2004



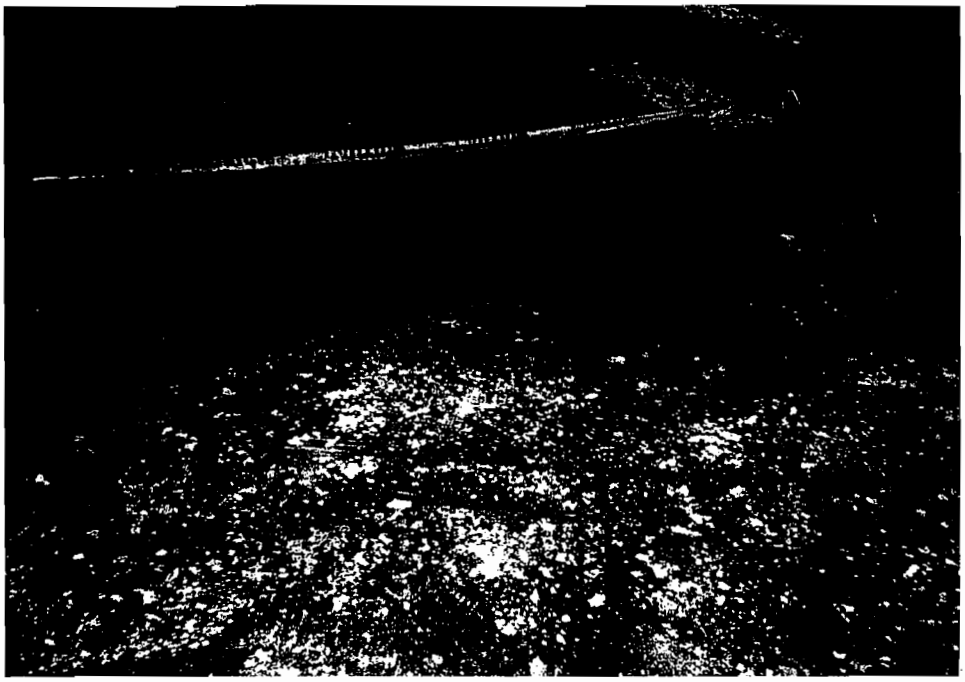
Photograph No.: 6
TDD No.: S05-0406-003
Location: SBS site
Subject: 55-gallon drums in Building 80
Orientation: Northwest
Date: June 25, 2004



Photograph No.: 7 **Orientation:** Northeast
TDD No.: S05-0406-003 **Date:** June 25, 2004
Location: SBS site
Subject: "Corrosive" label on one 55-gallon drum in Building 93

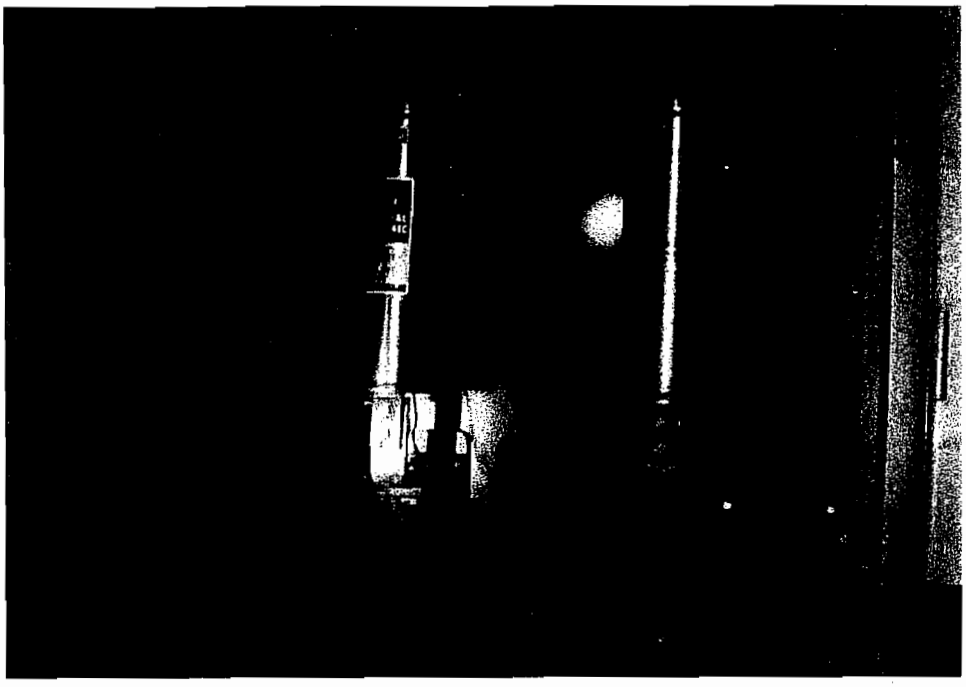


Photograph No.: 8 **Orientation:** Downward
TDD No.: S05-0406-003 **Date:** June 25, 2004
Location: SBS site
Subject: Concrete pit containing waste oil in Building 142

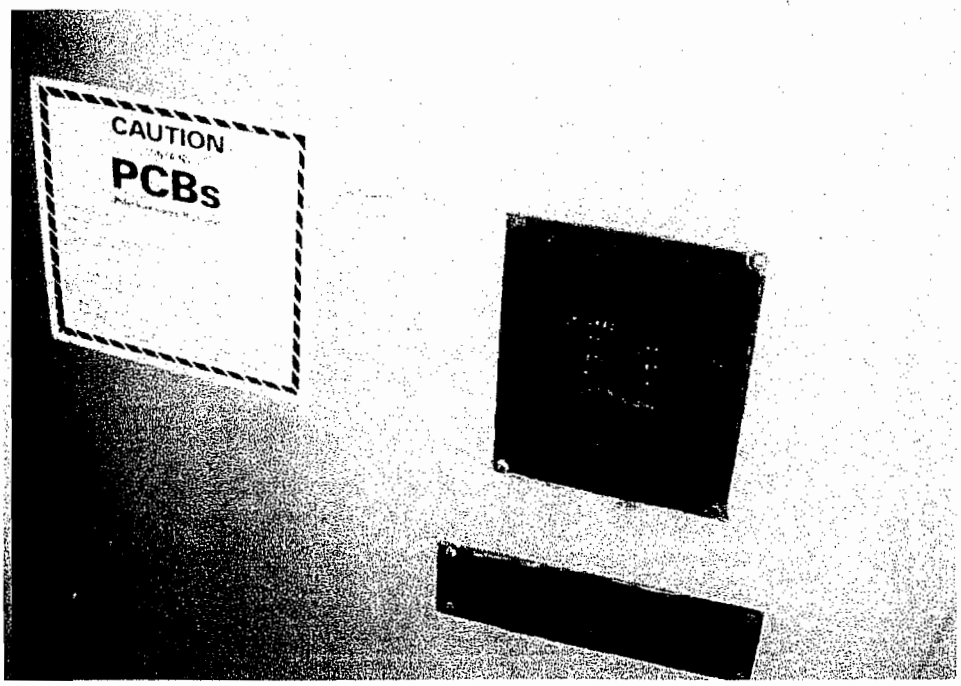


Photograph No.: 9 **Orientation:** West
TDD No.: S05-0406-003 **Date:** June 25, 2004
Location: SBS site
Subject: Oil overflowing from a concrete pit in Building 80

Photograph No.: 10 **Orientation:** North
TDD No.: S05-0406-003 **Date:** June 25, 2004
Location: SBS site
Subject: Debris pile containing suspected asbestos located outside Building 79



Photograph No.: 11 **Orientation:** Not recorded
TDD No.: S05-0406-003 **Date:** June 25, 2004
Location: SBS site
Subject: Ignitrons with mercury-containing switches on a transformer



Photograph No.: 12 **Orientation:** Unknown
TDD No.: S05-0406-003 **Date:** June 25, 2004
Location: SBS site
Subject: Transformer with label indicating the presence of polychlorinated biphenyls

APPENDIX B

DATA VALIDATION REPORT AND VALIDATED ANALYTICAL RESULTS

(10 Pages)

Tetra Tech EM Inc.

200 E. Randolph Drive, Suite 4700 ◆ Chicago, IL 60601 ◆ (312) 856-8700 ◆ FAX (312) 938-0118

MEMORANDUM

Date: August 3, 2004

To: Jodi McCarty, Project Manager, Tetra Tech EM Inc. (Tetra Tech)
Superfund Technical Assessment and Response Team (START) for Region 5

From: Harry Ellis, Chemist, Tetra Tech START for Region 5

Subject: Data Validation for
South Bend Stamping Site
South Bend, Indiana
Analytical Technical Direction Document (TDD) No. S05-0406-004
Project TDD No. S05-0406-003

Laboratory: Severn Trent Laboratories, Inc. (STL), University Park, Illinois
Laboratory Job No. 228056
Volatile Organic Compound (VOC), Semivolatile Organic Compound (SVOC), Polychlorinated Biphenyl (PCB), Total Petroleum Hydrocarbons (TPH) as Diesel Range Organic (DRO) and Gasoline Range Organic (GRO), Metal, Flash Point, pH, and Heat Content Analyses of 12 Waste Samples and 3 Water Sample

1.0 INTRODUCTION

The Tetra Tech START for Region 5 validated VOC, SVOC, PCB, TPH as DRO and GRO, metal, flash point, pH, and heat content analytical data for 12 waste samples and 3 water sample collected on June 25, 2004, during a site assessment at the South Bend Stamping site in South Bend, Indiana. The samples were analyzed by STL using U.S. Environmental Protection Agency (U.S. EPA) SW-846 Method 8260B for VOC analyses; SW-846 Method 8270C for SVOC analyses; SW-846 Method 8082 for PCB analyses; SW-846 Method 8015B for TPH as DRO and GRO analyses; SW-846 Methods 7470A, 7471A, and 6010B for metal analyses; SW-846 Method 1010 for flash point analysis; SW-846 Methods

9040B and 9045C for pH analyses; and American Society for Testing and Materials (ASTM) Method D 240 for heat content analyses. No sample was subjected to all the analyses. The water sample and one waste sample were analyzed for VOCs only. Eight waste samples were analyzed for VOCs, SVOCs, PCBs, and metals; two of these samples were also analyzed for heat content; five of these samples were also analyzed for flash point and pH; and the remaining sample was also analyzed for flash point, pH, and TPH as DRO and GRO. Four waste samples (transformer oil) were analyzed for PCBs only. One waste sample was analyzed for SVOCs, PCBs, metals, and pH. One field sample was submitted in two phases (one oil and one water), which are considered to be separate samples and were subjected to different sets of analyses.

The organic and inorganic data were evaluated in general accordance with U.S. EPA's "Contract Laboratory Program National Functional Guidelines for Organic Data Review" dated October 1999 and "Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" dated July 2002, respectively. Organic data validation consisted of a review of the following quality control (QC) parameters: holding times, instrument performance checks, initial and continuing calibrations, blank results, surrogate recovery results, matrix spike and matrix spike duplicate (MS/MSD) results, laboratory control sample (LCS) results, internal standard (IS) area counts, and target compound identification and quantitation. Inorganic data validation consisted of a review of the following QC parameters: holding times, initial and continuing calibrations, blank results, inductively coupled plasma (ICP) interference check sample results, LCS results, duplicate sample results, MS/MSD results, and sample result quantitation.

Section 2.0 discusses the results of the organic data validation, Section 3.0 discusses the results of the inorganic data validation (including the data validation for the flash point, pH, and heat content analyses), and Section 4.0 presents an overall assessment of the data. The attachment contains STL's summary of sample analytical results as well as START's handwritten data qualifications where warranted.

2.0 ORGANIC DATA VALIDATION RESULTS

The results of START's data validation for the organic analyses are summarized below in terms of the QC parameters reviewed. The data qualifiers listed below were applied to the sample analytical results where warranted (see the attachment).

- J - The analyte was detected. The reported numerical value is considered estimated for QC reasons.
- UJ - The analyte was not detected. The sample quantitation limit is considered estimated for QC reasons.
- R - The result is rejected. The analyte may or may not be present.

2.1 HOLDING TIMES

Samples were analyzed for VOCs and TPH as GRO within the holding time limit of 14 days and for SVOCs, PCBs, and TPH as DRO within the holding time limits of 14 days to extraction and 40 days from extraction to analysis. As detailed in Section 2.5, sample D04 was re-extracted for SVOC analysis slightly beyond the expiration of the holding time, but no qualifications are applied.

2.2 INSTRUMENT PERFORMANCE CHECKS

The bromofluorobenzene and decafluorotriphenylphosphine instrument performance checks met the QC abundance criteria for the VOC and SVOC analyses, respectively. The analytical instruments had adequate resolution for the PCB and TPH as DRO and GRO analyses.

2.3 INITIAL AND CONTINUING CALIBRATIONS

There were no irregularities in the calibrations for the TPH as DRO and GRO analyses, or in the initial calibrations for the other analyses, but there were irregularities in the continuing calibrations for the VOC, SVOC, and PCB analyses.

In the VOC analyses, five separate continuing calibrations were used for the sample analyses and re-analyses. There were no irregularities in two of the continuing calibrations. However, two continuing calibrations exhibited excessive percent differences from the initial calibration averages for carbon disulfide, acetone, 2-butanone, 4-methyl-2-pentanone, and 2-hexanone. The results for these compounds in the associated samples (those results based on analyses performed after 10:29 AM on July 8, 2004) are flagged "J" or "UJ," as appropriate, to indicate that the results are considered to be estimated. Dichlorodifluoromethane exhibited an excessive percent difference in the continuing calibration performed before the diluted analysis of sample GW01. Because the sample result for this analyte was drawn from the undiluted analysis of the sample, no further qualifications are warranted.

In the SVOC analyses, excessive percent differences were noted in all three continuing calibrations. In the continuing calibration associated with the reanalysis of sample D04, benzoic acid, 2-chloronaphthalene, and benzidine exhibited high percent differences. In the continuing calibration associated with the analysis of sample P02W, 2,4-dinitrophenol and benzidine exhibited high percent differences. And in the other continuing calibration associated with the analyses of the remaining samples, 3-nitroaniline; 4-nitroaniline; 2,4-dinitrophenol; and benzidine exhibited high percent differences. The results for the above-mentioned compounds in the associated samples are flagged "UJ" to indicate that the sample quantitation limits are considered to be estimated.

In a number of the continuing calibrations in the PCB analyses, one or two of the five chromatographic peaks used for quantifying Aroclor 1016 or Aroclor 1260 exhibited excessive percent differences. However, the average results for the mixtures were within QC limits. No qualifications are warranted for

the minor irregularities. The closing continuing calibration exhibited percent differences above the QC limit of 15 percent for Aroclor 1260 on the primary (quantitation) column (17 percent) and the secondary (confirmation) column (18 percent). An acceptable continuing calibration standard had been analyzed between the analyses of all samples containing Aroclor 1260 and the aberrant standard. Therefore, no qualifications are applied for the minor irregularities.

2.4 BLANK RESULTS

Method blanks were analyzed with each analytical batch. No target compounds were detected in any of the method blanks used for the organic analyses.

2.5 SURROGATE RECOVERY RESULTS

In the VOC and TPH as GRO analyses, all surrogate recovery results were within the laboratory-established QC limits. In the SVOC, PCB, and TPH as DRO analyses, some surrogate recoveries could not be determined because of the high dilution factors required by the concentration of organic compounds in the samples. No qualifications are required for these data gaps.

The initial SVOC analysis of sample D04 exhibited zero recovery for two of the three acidic surrogates. Another, larger portion of the sample was extracted on the 17th day after sample collection, or 3 days after the expiration of the 14-day holding time. This second extract exhibited fully acceptable recoveries for all surrogates and, like the first extract, nondetect results for all analytes. The sample results from the reanalysis should be used because of the fully satisfactory surrogate recoveries and the lower sample reporting limits (due to the larger sample portion extracted). Because the holding time exceedance was small and no analytes were detected in either analysis, no qualifications are applied.

In the PCB analyses, recoveries of both surrogates in sample P02W were below QC limits. The results for that sample are flagged "UJ" to indicate the uncertainty associated with the true sample quantitation

limits. For samples D02, P01, and P02, recoveries of the second surrogate, decachlorobiphenyl, were high because of interference from non-PCB components. No qualifications are required based on the data validation guidance because PCBs were not detected in samples D02, P01, and P02.

2.6 MS/MSD RESULTS

MS/MSD analyses were not performed for the VOC or TPH as DRO and GRO analyses. Some MS/MSD results were not usable because contaminants were present at extremely high concentrations. For example, in the PCB analyses, the MS/MSD analyses performed on sample D06 produced fully satisfactory results, but recoveries for sample Transformer-4 could not be determined due because of the very high (over 50 percent) concentration of PCBs in the unspiked sample. No qualifications are warranted for the data gaps, especially given the fact that duplicate LCSs were used to obtain precision data.

Almost all the usable MS/MSD analyses produced acceptable results. The one exception involved the SVOC MS/MSD analyses performed using sample D03. In one or both MS/MSD samples, a number of analytes exhibited recoveries slightly above or below the QC limits. No qualifications are warranted for these minor irregularities, which are similar to those observed in the LCS analyses discussed in Section 2.7. However, hexachlorocyclopentadiene; 2,4-dinitrophenol; 4-nitrophenol; and pentachlorophenol exhibited zero recoveries for both the MS and MSD samples. These results are apparently due to a difficulty in distinguishing analyte peaks from the large mass of nontarget peaks. The sample D03 results for the four compounds are flagged "R" to indicate that the compounds may or may not have been present.

2.7 LCS RESULTS

One or two LCSs were analyzed with each medium during each analysis and each analytical run. The LCS results for the PCB and TPH as DRO and GRO analyses were within laboratory-established QC

limits.

In the VOC analyses, the LCS recoveries for some analytes were slightly outside the laboratory's QC limits. Most of the variations were relatively small and do not warrant qualifications. The exception involved chloromethane, which exhibited recoveries of 162 and 189 percent for the LCS and duplicate LCS, whereas the QC limits were 56 to 129 percent recovery. Therefore, the chloromethane results for all samples are flagged "J" or "UJ" as estimated.

In the SVOC analyses, the LCS recoveries for some analytes were slightly outside the laboratory's QC limits, but most of the variations were relatively small and do not warrant qualifications. The exceptions involved 2,4-dinitrophenol; benzidine; pentachlorophenol; and benzo(a)anthracene in the oil matrix LCSs. These compounds exhibited recoveries of 13 percent or less, all of which were below QC limits. The sample quantitation limits for these four compounds in the waste samples are flagged "UJ" as estimated except for those already flagged "R" for sample D03.

2.8 IS AREA COUNTS

The IS area counts for all the VOC and SVOC analyses were within the QC limits of 50 to 200 percent of the area counts for the preceding continuing calibration standard.

2.9 TARGET COMPOUND IDENTIFICATION AND QUANTITATION

Target compound identification was performed correctly. The positive PCB results were fairly good matches with the results for the Aroclor 1260 standard. STL noted that the TPH as DRO results were very similar to those for the diesel fuel No. 2 standards and were quite distinct from those for the motor oil standards. It is likely that the sample contained either diesel fuel No. 2 or fuel oil No. 2.

START verified sample quantitation for one analyte for each analysis and medium. Some sample results

were below the reporting limits, which correspond to the lowest calibration standards. STL flagged these extrapolations "J" to indicate that they are estimated. A number of samples had analyte concentrations that exceeded the calibration range of the analytical instrument. STL reanalyzed these samples at a dilution or dilutions, bringing the results within the calibration range. Therefore, no qualifications are warranted.

3.0 INORGANIC DATA VALIDATION RESULTS

The results of START's data validation for the inorganic analyses are summarized below in terms of the QC parameters reviewed. The data qualifiers listed below were applied to the sample analytical results where warranted (see the attachment).

- J - The analyte was detected. The reported numerical value is considered estimated for QC reasons.
- U - The analyte was not detected. The reported numerical value is the sample quantitation limit.

3.1 HOLDING TIMES

All metal analyses were performed within the holding time limits of 28 days for mercury and 6 months for other metals. No official holding times exist for flash point, waste pH, and heat content analyses, but all these analyses were performed promptly, so no qualifications are warranted.

3.2 INITIAL AND CONTINUING CALIBRATIONS

Initial and continuing calibrations were performed as required by the analytical methods. The initial calibration results were above the minimum correlation coefficient of 0.995 for mercury and were within the QC limits of 90 to 110 percent recovery for other metals. The percent recoveries for the continuing

calibrations were within the QC limits of 80 to 120 percent for mercury and 90 to 110 percent for other metals.

There are no calibration procedures for flash point and heat content analyses other than use of an appropriately calibrated and maintained thermometer. The calibration range for the pH analyses was 4.0 to 12.45. However, sample D04 had a pH of 13.5, which exceeded the calibration range. This extrapolation is flagged "J" to indicate that it is considered to be estimated.

3.3 BLANK RESULTS

Blanks, including method blanks and initial and continuing calibration blanks, were analyzed with each analytical batch as required by the methods. A number of metals were found in these blanks. In most cases, the sample results for these metals were nondetects or were more than 10 times the highest associated blank concentration, so no qualifications are warranted. However, the chromium concentrations in samples D04 and P02 and the mercury concentrations in samples P01 and P02 were similar to the blank concentrations, so these sample results are flagged "U" to indicate that they are considered to be laboratory artifacts.

3.4 ICP INTERFERENCE CHECK SAMPLE RESULTS

ICP interference check sample analyses were performed as required and produced acceptable results.

3.5 LCS RESULTS

An LCS was analyzed with each analytical batch, and all LCS results were within the laboratory-established QC limits.

3.6 DUPLICATE SAMPLE RESULTS

A laboratory duplicate sample was analyzed with each analytical batch, and all duplicate sample results were within the laboratory-established QC limits.

3.7 MS/MSD RESULTS

MS/MSD analyses were performed as required, and all MS/MSD results were within QC limits.

3.8 SAMPLE RESULT QUANTITATION

START verified sample quantitation for one result for each analysis and medium. Some metal results were below the sample reporting limits, which correspond to the lowest calibration standards. These extrapolations are flagged "J" to indicate that they are estimated.

4.0 OVERALL ASSESSMENT OF DATA

Most of the sample analytical data generated by STL are acceptable for use as qualified. The only rejected results are four SVOCs in one waste sample; these SVOCs exhibited zero recoveries in the associated MS/MSD analyses, apparently because of matrix interference. The high concentrations of organic compounds in most samples required many dilutions. Given the nature of the samples (most were identified as "liquid waste," "waste oil," or "transformer oil") and the fact that the analytical methods were designed to detect trace concentrations of contaminants, the analyses were very successful and displayed minimal problems.

ATTACHMENT

STL SUMMARY OF SAMPLE ANALYTICAL RESULTS

(92 Sheets)

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D01
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:45
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-1
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
82608	Volatile Organics											
	Dichlorodifluoromethane, High/Med Level	25	U	*UJ	25	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Chloromethane, High/Med Level	25	U		25	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Vinyl chloride, High/Med Level	26	U	*	26	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Bromomethane, High/Med Level	44	U		44	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Chloroethane, High/Med Level	38	U		38	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Trichlorofluoromethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,1-Dichloroethene, High/Med Level	29	U		29	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Carbon disulfide, High/Med Level	21	U	UJ	21	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Acetone, High/Med Level	7300		J	170	200	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Methylene chloride, High/Med Level	89	U		89	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	trans-1,2-Dichloroethene, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Methyl-tert-butyl-ether (MTBE), High/Med Level	16	U		16	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,1-Dichloroethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	2,2-Dichloropropane, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	cis-1,2-Dichloroethene, High/Med Level	24	U		24	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	2-Butanone (MEK), High/Med Level	280		J	42	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Bromochloromethane, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Chloroform, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,1,1-Trichloroethane, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,1-Dichloropropene, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Carbon tetrachloride, High/Med Level	16	U		16	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Benzene, High/Med Level	16	U		16	25	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,2-Dichloroethane, High/Med Level	24	U		24	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Trichloroethene, High/Med Level	45	U		45	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,2-Dichloropropane, High/Med Level	31	U		31	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Dibromomethane, High/Med Level	55	U		55	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Bromodichloromethane, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	cis-1,3-Dichloropropene, High/Med Level	18	U		18	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn

* In Description = Dry Wgt.

HOG
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D01
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:45
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-1
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Methyl-2-pentanone (MIBK), High/Med Level	860		J	38	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Toluene, High/Med Level	100			20	25	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	trans-1,3-Dichloropropene, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,1,2-Trichloroethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Tetrachloroethene, High/Med Level	34	U		34	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,3-Dichloropropane, High/Med Level	20	U		20	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	2-Hexanone, High/Med Level	43	U	UJ	43	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Dibromochloromethane, High/Med Level	21	U		21	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,2-Dibromoethane (EDB), High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Chlorobenzene, High/Med Level	21	U		21	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,1,1,2-Tetrachloroethane, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Ethylbenzene, High/Med Level	23	U		23	25	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	m&p-Xylenes, High/Med Level	160			41	50	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	o-Xylene, High/Med Level	18	U		18	25	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Styrene, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Bromoform, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Isopropylbenzene, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Bromobenzene, High/Med Level	25	U		25	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,1,2,2-Tetrachloroethane, High/Med Level	27	U		27	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,2,3-Trichloropropane, High/Med Level	32	U		32	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	n-Propylbenzene, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	2-Chlorotoluene, High/Med Level	27	U		27	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,3,5-Trimethylbenzene, High/Med Level	150			26	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	4-Chlorotoluene, High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	tert-Butylbenzene, High/Med Level	26	U	*	26	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,2,4-Trimethylbenzene, High/Med Level	370		*	26	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	sec-Butylbenzene, High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,3-Dichlorobenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	p-Isopropyltoluene, High/Med Level	290			29	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn

* In Description = Dry Wgt.

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26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D01
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:45
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-1
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,4-Dichlorobenzene, High/Med Level	36	U		36	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	n-Butylbenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,2-Dichlorobenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,2-Dibromo-3-chloropropane, High/Med Level	60	U		60	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,2,4-Trichlorobenzene, High/Med Level	100			57	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Hexachlorobutadiene, High/Med Level	140			43	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	Naphthalene, High/Med Level	450			77	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn
	1,2,3-Trichlorobenzene, High/Med Level	140			79	100	1.0000	ug/Kg	122840		07/08/04 1221	jdn

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D01
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:45
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-1
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Bis(2-chloroethyl)ether, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	1,3-Dichlorobenzene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	1,4-Dichlorobenzene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	1,2-Dichlorobenzene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Benzyl alcohol, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2-Methylphenol (o-cresol), Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2,2-oxybis (1-chloropropane), Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	n-Nitroso-di-n-propylamine, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Hexachloroethane, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	4-Methylphenol (m/p-cresol), Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2-Chlorophenol, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Nitrobenzene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Bis(2-chloroethoxy)methane, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	1,2,4-Trichlorobenzene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Benzoic acid, Oil	5100000	U		5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Isophorone, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2,4-Dimethylphenol, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Hexachlorobutadiene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Naphthalene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2,4-Dichlorophenol, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	4-Chloroaniline, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2,4,6-Trichlorophenol, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2,4,5-Trichlorophenol, Oil	5100000	U		5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Hexachlorocyclopentadiene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2-Methylnaphthalene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2-Nitroaniline, Oil	5100000	U		5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2-Chloronaphthalene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

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CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D01
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:45
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-1
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2,6-Dinitrotoluene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2-Nitrophenol, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	3-Nitroaniline, Oil	5100000	U	UJ	5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Dimethyl phthalate, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2,4-Dinitrophenol, Oil	5100000	U	UJ	5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Acenaphthylene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	2,4-Dinitrotoluene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Acenaphthene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Dibenzofuran, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	4-Nitrophenol, Oil	5100000	U		5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Fluorene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	4-Nitroaniline, Oil	5100000	U	UJ	5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	4-Bromophenyl phenyl ether, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Hexachlorobenzene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Diethyl phthalate, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	4-Chlorophenyl phenyl ether, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Pentachlorophenol, Oil	5100000	U	UJ	5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	n-Nitrosodiphenylamine, Oil	1400000			990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	4,6-Dinitro-2-methylphenol, Oil	5100000	U		5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Phenanthrene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Anthracene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Carbazole, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Di-n-butyl phthalate, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Benzidine, Oil	9900000	U	UJ	9900000	9900000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Fluoranthene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Pyrene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Butyl benzyl phthalate, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Benzo(a)anthracene, Oil	990000	U	UJ	990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk

* In Description = Dry Wgt.

1+VE
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D01
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TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	3,3-Dichlorobenzidine, Oil	2000000	U		2000000	2000000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Bis(2-ethylhexyl)phthalate, Oil	1200000			990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Di-n-octyl phthalate, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Benzo(b)fluoranthene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Benzo(k)fluoranthene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Benzo(a)pyrene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Indeno(1,2,3-cd)pyrene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Dibenzo(a,h)anthracene, Oil	990000	U		990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk
	Benzo(ghi)perylene, Oil	990000	U	*	990000	990000	10.00000	ug/Kg	123044		07/08/04 1304	dpk

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

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Laboratory Sample ID: 228056-1
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TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	12000	U		12000	25000	50.0000	ug/Kg	122979		07/09/04 0306	bjt
	Aroclor 1221, Oil	12000	U		12000	25000	50.0000	ug/Kg	122979		07/09/04 0306	bjt
	Aroclor 1232, Oil	12000	U		12000	25000	50.0000	ug/Kg	122979		07/09/04 0306	bjt
	Aroclor 1242, Oil	12000	U		12000	25000	50.0000	ug/Kg	122979		07/09/04 0306	bjt
	Aroclor 1248, Oil	12000	U		12000	25000	50.0000	ug/Kg	122979		07/09/04 0306	bjt
	Aroclor 1254, Oil	12000	U		12000	25000	50.0000	ug/Kg	122979		07/09/04 0306	bjt
	Aroclor 1260, Oil	12000	U		12000	25000	50.0000	ug/Kg	122979		07/09/04 0306	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D01
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:45
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-1
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
7471A	Mercury (CVAA) Solids											
	Mercury, Solid	0.0043	U		0.0043	0.016	1	mg/Kg	123020		07/10/04 1044	gok
6010B	Metals Analysis (ICAP Trace)											
	Arsenic, Solid	0.48	U		0.48	0.93	1	mg/Kg	122846		07/08/04 1102	lmr
	Barium, Solid	24			0.15	0.93	1	mg/Kg	122846		07/08/04 1102	lmr
	Cadmium, Solid	0.075	U		0.075	0.19	1	mg/Kg	122846		07/08/04 1102	lmr
	Chromium, Solid	0.21	U		0.21	0.93	1	mg/Kg	122846		07/08/04 1102	lmr
	Lead, Solid	0.40	U		0.40	0.47	1	mg/Kg	122846		07/08/04 1102	lmr
	Selenium, Solid	0.37	U		0.37	0.93	1	mg/Kg	122846		07/08/04 1102	lmr
	Silver, Solid	0.29	U		0.29	0.47	1	mg/Kg	122846		07/08/04 1102	lmr

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/09/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D01
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:45
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-1
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	57.3			0.10	0.10	1	%	122099		06/29/04 1903	clb
	% Moisture, Solid	42.7			0.10	0.10	1	%	122099		06/29/04 1903	clb
1010	Ignitability (Pensky-Martens Closed-Cup)											
	Ignitability (Flashpoint), Solid	>140					1	degrees F	122809		07/08/04 1640	jmk
9045C	pH (Soil)											
	pH, Solid	6.9			0.2	0.2	1	pH Units	122197		06/30/04 1438	pmf

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D02
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:50
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-2
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Dichlorodifluoromethane, High/Med Level	50	U	*J	50	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Chloromethane, High/Med Level	220		*J	50	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Vinyl chloride, High/Med Level	51	U	*	51	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Bromomethane, High/Med Level	88	U		88	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Chloroethane, High/Med Level	76	U		76	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Trichlorofluoromethane, High/Med Level	43	U		43	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,1-Dichloroethene, High/Med Level	58	U		58	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Carbon disulfide, High/Med Level	42	U	UJ	42	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Acetone, High/Med Level	330	U	UJ	330	400	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Methylene chloride, High/Med Level	180	U		180	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	trans-1,2-Dichloroethene, High/Med Level	34	U		34	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Methyl-tert-butyl-ether (MTBE), High/Med Level	33	U		33	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,1-Dichloroethane, High/Med Level	44	U		44	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	2,2-Dichloropropane, High/Med Level	38	U		38	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	cis-1,2-Dichloroethene, High/Med Level	49	U		49	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	2-Butanone (MEK), High/Med Level	84	U	UJ	84	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Bromochloromethane, High/Med Level	53	U		53	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Chloroform, High/Med Level	51	U		51	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,1,1-Trichloroethane, High/Med Level	46	U		46	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,1-Dichloropropene, High/Med Level	38	U		38	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Carbon tetrachloride, High/Med Level	340			33	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Benzene, High/Med Level	31	U		31	50	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,2-Dichloroethane, High/Med Level	48	U		48	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Trichloroethene, High/Med Level	90	U		90	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,2-Dichloropropane, High/Med Level	61	U		61	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Dibromomethane, High/Med Level	110	U		110	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Bromodichloromethane, High/Med Level	34	U		34	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	cis-1,3-Dichloropropene, High/Med Level	35	U		35	200	2.000	ug/Kg	122840		07/08/04 1306	jdn

* In Description = Dry Wgt.

HUG
26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D02
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:50
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-2
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Methyl-2-pentanone (MIBK), High/Med Level	76	U	UJ	76	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Toluene, High/Med Level	40	U		40	50	2.000	ug/Kg	122840		07/08/04 1306	jdn
	trans-1,3-Dichloropropene, High/Med Level	33	U		33	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,1,2-Trichloroethane, High/Med Level	44	U		44	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Tetrachloroethene, High/Med Level	67	U		67	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,3-Dichloropropane, High/Med Level	40	U		40	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	2-Hexanone, High/Med Level	85	U	UJ	85	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Dibromochloromethane, High/Med Level	41	U		41	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,2-Dibromoethane (EDB), High/Med Level	56	U		56	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Chlorobenzene, High/Med Level	43	U		43	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,1,1,2-Tetrachloroethane, High/Med Level	38	U		38	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Ethylbenzene, High/Med Level	46	U		46	50	2.000	ug/Kg	122840		07/08/04 1306	jdn
	m&p-Xylenes, High/Med Level	82	U		82	100	2.000	ug/Kg	122840		07/08/04 1306	jdn
	o-Xylene, High/Med Level	37	U		37	50	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Styrene, High/Med Level	38	U		38	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Bromoform, High/Med Level	45	U		45	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Isopropylbenzene, High/Med Level	44	U		44	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Bromobenzene, High/Med Level	51	U		51	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,1,2,2-Tetrachloroethane, High/Med Level	54	U		54	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,2,3-Trichloropropane, High/Med Level	63	U		63	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	n-Propylbenzene, High/Med Level	45	U		45	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	2-Chlorotoluene, High/Med Level	55	U		55	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,3,5-Trimethylbenzene, High/Med Level	51	U		51	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	4-Chlorotoluene, High/Med Level	57	U		57	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	tert-Butylbenzene, High/Med Level	51	U	*	51	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,2,4-Trimethylbenzene, High/Med Level	53	U	*	53	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	sec-Butylbenzene, High/Med Level	56	U		56	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,3-Dichlorobenzene, High/Med Level	66	U		66	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	p-Isopropyltoluene, High/Med Level	57	U		57	200	2.000	ug/Kg	122840		07/08/04 1306	jdn

* In Description = Dry Wgt.

AOE
26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D02
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:50
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-2
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,4-Dichlorobenzene, High/Med Level	71	U		71	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	n-Butylbenzene, High/Med Level	66	U		66	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,2-Dichlorobenzene, High/Med Level	67	U		67	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,2-Dibromo-3-chloropropane, High/Med Level	120	U		120	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,2,4-Trichlorobenzene, High/Med Level	110	U		110	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Hexachlorobutadiene, High/Med Level	87	U		87	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	Naphthalene, High/Med Level	150	U		150	200	2.000	ug/Kg	122840		07/08/04 1306	jdn
	1,2,3-Trichlorobenzene, High/Med Level	160	U		160	200	2.000	ug/Kg	122840		07/08/04 1306	jdn

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D02
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:50
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-2
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Bis(2-chloroethyl)ether, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	1,3-Dichlorobenzene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	1,4-Dichlorobenzene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	1,2-Dichlorobenzene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Benzyl alcohol, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2-Methylphenol (o-cresol), Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2,2-oxybis (1-chloropropane), Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	n-Nitroso-di-n-propylamine, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Hexachloroethane, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	4-Methylphenol (m/p-cresol), Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2-Chlorophenol, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Nitrobenzene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Bis(2-chloroethoxy)methane, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	1,2,4-Trichlorobenzene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Benzoic acid, Oil	440000	U		440000	440000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Isophorone, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2,4-Dimethylphenol, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Hexachlorobutadiene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Naphthalene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2,4-Dichlorophenol, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	4-Chloroaniline, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2,4,6-Trichlorophenol, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2,4,5-Trichlorophenol, Oil	440000	U		440000	440000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Hexachlorocyclopentadiene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2-Methylnaphthalene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2-Nitroaniline, Oil	440000	U		440000	440000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2-Chloronaphthalene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D02
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:50
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-2
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2,6-Dinitrotoluene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2-Nitrophenol, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	3-Nitroaniline, Oil	440000	U	UJ	440000	440000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Dimethyl phthalate, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2,4-Dinitrophenol, Oil	440000	U	UJ	440000	440000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Acenaphthylene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	2,4-Dinitrotoluene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Acenaphthene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Dibenzofuran, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	4-Nitrophenol, Oil	440000	U		440000	440000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Fluorene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	4-Nitroaniline, Oil	440000	U	UJ	440000	440000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	4-Bromophenyl phenyl ether, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Hexachlorobenzene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Diethyl phthalate, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	4-Chlorophenyl phenyl ether, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Pentachlorophenol, Oil	440000	U	UJ	440000	440000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	n-Nitrosodiphenylamine, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	4,6-Dinitro-2-methylphenol, Oil	440000	U		440000	440000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Phenanthrene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Anthracene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Carbazole, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Di-n-butyl phthalate, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Benzidine, Oil	850000	U	UJ	850000	850000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Fluoranthene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Pyrene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Butyl benzyl phthalate, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Benzo(a)anthracene, Oil	85000	U	UJ*	85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk

* In Description = Dry Wgt.

1+UE
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D02
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:50
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-2
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	3,3-Dichlorobenzidine, Oil	170000	U		170000	170000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Bis(2-ethylhexyl)phthalate, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Di-n-octyl phthalate, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Benzo(b)fluoranthene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Benzo(k)fluoranthene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Benzo(a)pyrene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Indeno(1,2,3-cd)pyrene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Dibenzo(a,h)anthracene, Oil	85000	U		85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk
	Benzo(ghi)perylene, Oil	85000	U	*	85000	85000	1.00000	ug/Kg	123044		07/08/04 1922	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc.

PROJECT: START - SOUTH BEND S

ATTN: Lisa Graczyk

Customer Sample ID: D02
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:50
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-2
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 0452	bjt
	Aroclor 1221, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 0452	bjt
	Aroclor 1232, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 0452	bjt
	Aroclor 1242, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 0452	bjt
	Aroclor 1248, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 0452	bjt
	Aroclor 1254, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 0452	bjt
	Aroclor 1260, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 0452	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D02
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:50
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-2
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
7471A	Mercury (CVAA) Solids											
	Mercury, Solid	0.0043	U		0.0043	0.016	1	mg/Kg	123020		07/10/04 1046	gok
6010B	Metals Analysis (ICAP Trace)											
	Arsenic, Solid	0.23			0.051	0.10	1	mg/Kg	122846		07/08/04 1109	lmr
	Barium, Solid	0.17			0.016	0.10	1	mg/Kg	122846		07/08/04 1109	lmr
	Cadmium, Solid	0.0080	U		0.0080	0.020	1	mg/Kg	122846		07/08/04 1109	lmr
	Chromium, Solid	0.24			0.022	0.10	1	mg/Kg	122846		07/08/04 1109	lmr
	Lead, Solid	0.043	U		0.043	0.050	1	mg/Kg	122846		07/08/04 1109	lmr
	Selenium, Solid	0.040	U		0.040	0.10	1	mg/Kg	122846		07/08/04 1109	lmr
	Silver, Solid	0.031	U		0.031	0.050	1	mg/Kg	122846		07/08/04 1109	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/09/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D02
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:50
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-2
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	3.3			0.10	0.10	1	%	122099		06/29/04 1906	clb
	% Moisture, Solid	96.7			0.10	0.10	1	%	122099		06/29/04 1906	clb
1010	Ignitability (Pensky-Martens Closed-Cup)											
	Ignitability (Flashpoint), Solid	>200					1	degrees F	122799		07/05/04 0630	jmk
9045C	pH (Soil)											
	pH, Solid	9.5			0.2	0.2	1	pH Units	122197		06/30/04 1440	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D03
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-3
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Dichlorodifluoromethane, High/Med Level	25	U	*UJ	25	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Chloromethane, High/Med Level	25	U	*	25	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Vinyl chloride, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Bromomethane, High/Med Level	44	U		44	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Chloroethane, High/Med Level	38	U		38	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Trichlorofluoromethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,1-Dichloroethene, High/Med Level	29	U		29	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Carbon disulfide, High/Med Level	21	U	UJ	21	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Acetone, High/Med Level	170	U	UJ	170	200	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Methylene chloride, High/Med Level	89	U		89	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	trans-1,2-Dichloroethene, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Methyl-tert-butyl-ether (MTBE), High/Med Level	16	U		16	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,1-Dichloroethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	2,2-Dichloropropane, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	cis-1,2-Dichloroethene, High/Med Level	24	U		24	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	2-Butanone (MEK), High/Med Level	42	U	UJ	42	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Bromochloromethane, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Chloroform, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,1,1-Trichloroethane, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,1-Dichloropropene, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Carbon tetrachloride, High/Med Level	16	U		16	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Benzene, High/Med Level	16	U		16	25	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,2-Dichloroethane, High/Med Level	24	U		24	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Trichloroethene, High/Med Level	45	U		45	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,2-Dichloropropane, High/Med Level	31	U		31	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Dibromomethane, High/Med Level	55	U		55	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Bromodichloromethane, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	cis-1,3-Dichloropropene, High/Med Level	18	U		18	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn

* In Description = Dry Wgt.

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26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D03
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-3
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Methyl-2-pentanone (MIBK), High/Med Level	38	U	UJ	38	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Toluene, High/Med Level	20	U		20	25	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	trans-1,3-Dichloropropene, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,1,2-Trichloroethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Tetrachloroethene, High/Med Level	34	U		34	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,3-Dichloropropene, High/Med Level	20	U		20	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	2-Hexanone, High/Med Level	43	U	UJ	43	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Dibromochloromethane, High/Med Level	21	U		21	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,2-Dibromoethane (EDB), High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Chlorobenzene, High/Med Level	21	U		21	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,1,1,2-Tetrachloroethane, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Ethylbenzene, High/Med Level	23	U		23	25	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	m&p-Xylenes, High/Med Level	41	U		41	50	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	o-Xylene, High/Med Level	18	U		18	25	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Styrene, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Bromoform, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Isopropylbenzene, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Bromobenzene, High/Med Level	25	U		25	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,1,2,2-Tetrachloroethane, High/Med Level	27	U		27	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,2,3-Trichloropropane, High/Med Level	32	U		32	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	n-Propylbenzene, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	2-Chlorotoluene, High/Med Level	27	U		27	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,3,5-Trimethylbenzene, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	4-Chlorotoluene, High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	tert-Butylbenzene, High/Med Level	26	U	*	26	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,2,4-Trimethylbenzene, High/Med Level	26	U	*	26	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	sec-Butylbenzene, High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,3-Dichlorobenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	p-Isopropyltoluene, High/Med Level	29	U		29	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn

* In Description = Dry Wgt.

HVE
26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D03
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-3
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,4-Dichlorobenzene, High/Med Level	36	U		36	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	n-Butylbenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,2-Dichlorobenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,2-Dibromo-3-chloropropane, High/Med Level	60	U		60	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,2,4-Trichlorobenzene, High/Med Level	57	U		57	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Hexachlorobutadiene, High/Med Level	43	U		43	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	Naphthalene, High/Med Level	250			77	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn
	1,2,3-Trichlorobenzene, High/Med Level	79	U		79	100	1.0000	ug/Kg	122840		07/08/04 1329	jdn

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D03
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-3
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Bis(2-chloroethyl)ether, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	1,3-Dichlorobenzene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	1,4-Dichlorobenzene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	1,2-Dichlorobenzene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Benzyl alcohol, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2-Methylphenol (o-cresol), Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2,2-oxybis (1-chloropropane), Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	n-Nitroso-di-n-propylamine, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Hexachloroethane, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	4-Methylphenol (m/p-cresol), Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2-Chlorophenol, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Nitrobenzene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Bis(2-chloroethoxy)methane, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	1,2,4-Trichlorobenzene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Benzoic acid, Oil	4800000	U		4800000	4800000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Isophorone, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2,4-Dimethylphenol, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Hexachlorobutadiene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Naphthalene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2,4-Dichlorophenol, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	4-Chloroaniline, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2,4,6-Trichlorophenol, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2,4,5-Trichlorophenol, Oil	4800000	U		4800000	4800000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Hexachlorocyclopentadiene, Oil	930000	U	R	930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2-Methylnaphthalene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2-Nitroaniline, Oil	4800000	U		4800000	4800000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2-Chloronaphthalene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk

* In Description = Dry Wgt.

HVG
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D03
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-3
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2,6-Dinitrotoluene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2-Nitrophenol, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	3-Nitroaniline, Oil	4800000	U	UJ	4800000	4800000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Dimethyl phthalate, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2,4-Dinitrophenol, Oil	4800000	U	* R	4800000	4800000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Acenaphthylene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	2,4-Dinitrotoluene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Acenaphthene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Dibenzofuran, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	4-Nitrophenol, Oil	4800000	U	R	4800000	4800000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Fluorene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	4-Nitroaniline, Oil	4800000	U	UJ	4800000	4800000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	4-Bromophenyl phenyl ether, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Hexachlorobenzene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Diethyl phthalate, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	4-Chlorophenyl phenyl ether, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Pentachlorophenol, Oil	4800000	U	R	4800000	4800000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	n-Nitrosodiphenylamine, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	4,6-Dinitro-2-methylphenol, Oil	4800000	U		4800000	4800000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Phenanthrene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Anthracene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Carbazole, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Di-n-butyl phthalate, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Benzidine, Oil	9300000	U	UJ	9300000	9300000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Fluoranthene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Pyrene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Butyl benzyl phthalate, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Benzo(a)anthracene, Oil	930000	U	J*	930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk

* In Description = Dry Wgt.

1+JG
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D03
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-3
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	3,3-Dichlorobenzidine, Oil	1900000	U		1900000	1900000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Bis(2-ethylhexyl)phthalate, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Di-n-octyl phthalate, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Benzo(b)fluoranthene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Benzo(k)fluoranthene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Benzo(a)pyrene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Indeno(1,2,3-cd)pyrene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Dibenzo(a,h)anthracene, Oil	930000	U		930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk
	Benzo(ghi)perylene, Oil	930000	U	*	930000	930000	10.00000	ug/Kg	123044		07/08/04 1358	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D03
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-3
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	2300	U		2300	4600	10.0000	ug/Kg	122979		07/09/04 0748	bjt
	Aroclor 1221, Oil	2300	U		2300	4600	10.0000	ug/Kg	122979		07/09/04 0748	bjt
	Aroclor 1232, Oil	2300	U		2300	4600	10.0000	ug/Kg	122979		07/09/04 0748	bjt
	Aroclor 1242, Oil	2300	U		2300	4600	10.0000	ug/Kg	122979		07/09/04 0748	bjt
	Aroclor 1248, Oil	2300	U		2300	4600	10.0000	ug/Kg	122979		07/09/04 0748	bjt
	Aroclor 1254, Oil	2300	U		2300	4600	10.0000	ug/Kg	122979		07/09/04 0748	bjt
	Aroclor 1260, Oil	2300	U		2300	4600	10.0000	ug/Kg	122979		07/09/04 0748	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc.

PROJECT: START - SOUTH BEND S

ATTN: Lisa Graczyk

Customer Sample ID: D03
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-3
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid	0.0043	U		0.0043	0.016	1	mg/Kg	123020		07/10/04 1048	gok
6010B	Metals Analysis (ICAP Trace)											
	Arsenic, Solid	0.47	U		0.47	0.93	1	mg/Kg	122846		07/08/04 1116	lmr
	Barium, Solid	2.5			0.15	0.93	1	mg/Kg	122846		07/08/04 1116	lmr
	Cadmium, Solid	0.074	U		0.074	0.19	1	mg/Kg	122846		07/08/04 1116	lmr
	Chromium, Solid	0.20	U		0.20	0.93	1	mg/Kg	122846		07/08/04 1116	lmr
	Lead, Solid	4.4			0.40	0.46	1	mg/Kg	122846		07/08/04 1116	lmr
	Selenium, Solid	0.37	U		0.37	0.93	1	mg/Kg	122846		07/08/04 1116	lmr
	Silver, Solid	0.29	U		0.29	0.46	1	mg/Kg	122846		07/08/04 1116	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/09/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D03
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-3
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	99.1			0.10	0.10	1	%	122099		06/29/04 1908	clb
	% Moisture, Solid	0.90			0.10	0.10	1	%	122099		06/29/04 1908	clb
1010	Ignitability (Pensky-Martens Closed-Cup)											
	Ignitability (Flashpoint), Solid	>200					1	degrees F	122799		07/05/04 1200	jmk
9045C	pH (Soil)											
	pH, Solid	9.2			0.2	0.2	1	pH Units	122197		06/30/04 1441	pmf

* In Description = Dry Wgt.

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L A B O R A T O R Y   T E S T   R E S U L T S

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D04
Date Sampled......: 06/25/2004
Time Sampled......: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-4
Date Received.......: 06/28/2004
Time Received.......: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Dichlorodifluoromethane, High/Med Level	50	U		50	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Chloromethane, High/Med Level	50	U	* UJ	50	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Vinyl chloride, High/Med Level	51	U	*	51	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Bromomethane, High/Med Level	88	U		88	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Chloroethane, High/Med Level	76	U		76	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Trichlorofluoromethane, High/Med Level	43	U		43	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,1-Dichloroethene, High/Med Level	58	U		58	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Carbon disulfide, High/Med Level	42	U	UJ	42	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Acetone, High/Med Level	330	U	UJ	330	400	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Methylene chloride, High/Med Level	180	U		180	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	trans-1,2-Dichloroethene, High/Med Level	34	U		34	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Methyl-tert-butyl-ether (MTBE), High/Med Level	33	U		33	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,1-Dichloroethane, High/Med Level	44	U		44	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	2,2-Dichloropropane, High/Med Level	38	U		38	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	cis-1,2-Dichloroethene, High/Med Level	49	U		49	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	2-Butanone (MEK), High/Med Level	84	U	UJ	84	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Bromochloromethane, High/Med Level	53	U		53	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Chloroform, High/Med Level	51	U		51	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,1,1-Trichloroethane, High/Med Level	46	U		46	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,1-Dichloropropene, High/Med Level	38	U		38	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Carbon tetrachloride, High/Med Level	33	U		33	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Benzene, High/Med Level	31	U		31	50	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,2-Dichloroethane, High/Med Level	48	U		48	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Trichloroethene, High/Med Level	90	U		90	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,2-Dichloropropane, High/Med Level	61	U		61	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Dibromomethane, High/Med Level	110	U		110	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Bromodichloromethane, High/Med Level	34	U		34	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	cis-1,3-Dichloropropene, High/Med Level	35	U		35	200	2.000	ug/Kg	122840		07/08/04 1352	jdn

* In Description = Dry Wgt.

HVE
26 Jul 04

STL Chicago

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D04
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-4
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Methyl-2-pentanone (MIBK), High/Med Level	76	U	UJ	76	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Toluene, High/Med Level	40	U		40	50	2.000	ug/Kg	122840		07/08/04 1352	jdn
	trans-1,3-Dichloropropene, High/Med Level	33	U		33	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,1,2-Trichloroethane, High/Med Level	44	U		44	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Tetrachloroethene, High/Med Level	67	U		67	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,3-Dichloropropane, High/Med Level	40	U		40	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	2-Hexanone, High/Med Level	85	U	UJ	85	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Dibromochloromethane, High/Med Level	41	U		41	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,2-Dibromoethane (EDB), High/Med Level	56	U		56	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Chlorobenzene, High/Med Level	43	U		43	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,1,1,2-Tetrachloroethane, High/Med Level	38	U		38	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Ethylbenzene, High/Med Level	46	U		46	50	2.000	ug/Kg	122840		07/08/04 1352	jdn
	m&p-Xylenes, High/Med Level	82	U		82	100	2.000	ug/Kg	122840		07/08/04 1352	jdn
	o-Xylene, High/Med Level	37	U		37	50	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Styrene, High/Med Level	38	U		38	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Bromoform, High/Med Level	45	U		45	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Isopropylbenzene, High/Med Level	44	U		44	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Bromobenzene, High/Med Level	51	U		51	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,1,2,2-Tetrachloroethane, High/Med Level	54	U		54	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,2,3-Trichloropropane, High/Med Level	63	U		63	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	n-Propylbenzene, High/Med Level	45	U		45	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	2-Chlorotoluene, High/Med Level	55	U		55	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,3,5-Trimethylbenzene, High/Med Level	51	U		51	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	4-Chlorotoluene, High/Med Level	57	U		57	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	tert-Butylbenzene, High/Med Level	51	U	*	51	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,2,4-Trimethylbenzene, High/Med Level	53	U	*	53	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	sec-Butylbenzene, High/Med Level	56	U		56	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,3-Dichlorobenzene, High/Med Level	66	U		66	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	p-Isopropyltoluene, High/Med Level	57	U		57	200	2.000	ug/Kg	122840		07/08/04 1352	jdn

* In Description = Dry Wgt.

1+UG
26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D04
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-4
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,4-Dichlorobenzene, High/Med Level	71	U		71	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	n-Butylbenzene, High/Med Level	66	U		66	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,2-Dichlorobenzene, High/Med Level	67	U		67	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,2-Dibromo-3-chloropropane, High/Med Level	120	U		120	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,2,4-Trichlorobenzene, High/Med Level	110	U		110	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Hexachlorobutadiene, High/Med Level	87	U		87	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	Naphthalene, High/Med Level	150	U		150	200	2.000	ug/Kg	122840		07/08/04 1352	jdn
	1,2,3-Trichlorobenzene, High/Med Level	160	U		160	200	2.000	ug/Kg	122840		07/08/04 1352	jdn

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/15/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D04
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-4
Date Received.....: 06/28/2004
Time Received.....: 13:20

use "RE" numbers

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Phenol, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Bis(2-chloroethyl)ether, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Bis(2-chloroethyl)ether, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	1,3-Dichlorobenzene, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	1,3-Dichlorobenzene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	1,4-Dichlorobenzene, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	1,4-Dichlorobenzene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	1,2-Dichlorobenzene, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	1,2-Dichlorobenzene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Benzyl alcohol, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Benzyl alcohol, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2-Methylphenol (o-cresol), Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2-Methylphenol (o-cresol), Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2,2-oxybis (1-chloropropane), Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2,2-oxybis (1-chloropropane), Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	n-Nitroso-di-n-propylamine, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	n-Nitroso-di-n-propylamine, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Hexachloroethane, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Hexachloroethane, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	4-Methylphenol (m/p-cresol), Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	4-Methylphenol (m/p-cresol), Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2-Chlorophenol, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2-Chlorophenol, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Nitrobenzene, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Nitrobenzene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Bis(2-chloroethoxy)methane, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Bis(2-chloroethoxy)methane, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/15/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lina Graczyk

Customer Sample ID: D04
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-4
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,2,4-Trichlorobenzene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	1,2,4-Trichlorobenzene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Benzoic acid, Oil	4900000	U		4900000	4900000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Benzoic acid, Oil	3600000	U	UJ	3600000	3600000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Isophorone, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Isophorone, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2,4-Dimethylphenol, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2,4-Dimethylphenol, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Hexachlorobutadiene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Hexachlorobutadiene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Naphthalene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Naphthalene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2,4-Dichlorophenol, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2,4-Dichlorophenol, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	4-Chloroaniline, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	4-Chloroaniline, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2,4,6-Trichlorophenol, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2,4,6-Trichlorophenol, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2,4,5-Trichlorophenol, Oil	4900000	U		4900000	4900000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2,4,5-Trichlorophenol, Oil	3600000	U		3600000	3600000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Hexachlorocyclopentadiene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Hexachlorocyclopentadiene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2-Methylnaphthalene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2-Methylnaphthalene, Oil	690000	U	*	690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2-Nitroaniline, Oil	4900000	U		4900000	4900000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2-Nitroaniline, Oil	3600000	U		3600000	3600000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2-Chloronaphthalene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2-Chloronaphthalene, Oil	690000	U	UJ	690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	4-Chloro-3-methylphenol, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk

* In Description = Dry Wgt.

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26 Jul 04

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L A B O R A T O R Y   T E S T   R E S U L T S

Job Number: 228056

Date:07/15/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D04
Date Sampled......: 06/25/2004
Time Sampled......: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-4
Date Received.......: 06/28/2004
Time Received.......: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2,6-Dinitrotoluene, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2,6-Dinitrotoluene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2-Nitrophenol, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2-Nitrophenol, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	3-Nitroaniline, Oil	~~4900000~~	~~U~~		4900000	4900000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	3-Nitroaniline, Oil	3600000	U		3600000	3600000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Dimethyl phthalate, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Dimethyl phthalate, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2,4-Dinitrophenol, Oil	~~4900000~~	~~U~~	*	4900000	4900000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2,4-Dinitrophenol, Oil	3600000	U	UJ	3600000	3600000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Acenaphthylene, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Acenaphthylene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	2,4-Dinitrotoluene, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	2,4-Dinitrotoluene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Acenaphthene, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Acenaphthene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Dibenzofuran, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Dibenzofuran, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	4-Nitrophenol, Oil	~~4900000~~	~~U~~		4900000	4900000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	4-Nitrophenol, Oil	3600000	U		3600000	3600000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Fluorene, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Fluorene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	4-Nitroaniline, Oil	~~4900000~~	~~U~~		4900000	4900000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	4-Nitroaniline, Oil	3600000	U		3600000	3600000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	4-Bromophenyl phenyl ether, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	4-Bromophenyl phenyl ether, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Hexachlorobenzene, Oil	~~950000~~	~~U~~		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Hexachlorobenzene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk

* In Description = Dry Wgt.

14UE
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/15/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D04
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-4
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Diethyl phthalate, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Diethyl phthalate, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	4-Chlorophenyl phenyl ether, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	4-Chlorophenyl phenyl ether, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Pentachlorophenol, Oil	4900000	U		4900000	4900000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Pentachlorophenol, Oil	3600000	U	WJ*	3600000	3600000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	n-Nitrosodiphenylamine, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	n-Nitrosodiphenylamine, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	4,6-Dinitro-2-methylphenol, Oil	4900000	U		4900000	4900000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	4,6-Dinitro-2-methylphenol, Oil	3600000	U	*	3600000	3600000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Phenanthrene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Phenanthrene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Anthracene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Anthracene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Carbazole, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Carbazole, Oil	690000	U	*	690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Di-n-butyl phthalate, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Di-n-butyl phthalate, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Benzidine, Oil	9500000	U		9500000	9500000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Benzidine, Oil	6900000	U	WJ	6900000	6900000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Fluoranthene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Fluoranthene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Pyrene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Pyrene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Butyl benzyl phthalate, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Butyl benzyl phthalate, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Benzo(a)anthracene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Benzo(a)anthracene, Oil	690000	U	WJ*	690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Chrysene, Oil	950000	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk

* In Description = Dry Wgt.

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26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/15/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D04
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-4
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	3,3-Dichlorobenzidine, Oil	~~1900000~~	U		1900000	1900000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	3,3-Dichlorobenzidine, Oil	1400000	U		1400000	1400000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Bis(2-ethylhexyl)phthalate, Oil	~~950000~~	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Bis(2-ethylhexyl)phthalate, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Di-n-octyl phthalate, Oil	~~950000~~	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Di-n-octyl phthalate, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Benzo(b)fluoranthene, Oil	~~950000~~	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Benzo(b)fluoranthene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Benzo(k)fluoranthene, Oil	~~950000~~	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Benzo(k)fluoranthene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Benzo(a)pyrene, Oil	~~950000~~	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Benzo(a)pyrene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Indeno(1,2,3-cd)pyrene, Oil	~~950000~~	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Indeno(1,2,3-cd)pyrene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Dibenzo(a,h)anthracene, Oil	~~950000~~	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Dibenzo(a,h)anthracene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk
	Benzo(ghi)perylene, Oil	~~950000~~	U		950000	950000	10.00000	ug/Kg	123044		07/08/04 1519	dpk
	Benzo(ghi)perylene, Oil	690000	U		690000	690000	10.00000	ug/Kg	123221	RE	07/12/04 1958	dpk

* In Description = Dry Wgt.

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26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

Job Number: 228056

LABORATORY TEST RESULTS

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D04
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-4
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 0859	bjt
	Aroclor 1221, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 0859	bjt
	Aroclor 1232, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 0859	bjt
	Aroclor 1242, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 0859	bjt
	Aroclor 1248, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 0859	bjt
	Aroclor 1254, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 0859	bjt
	Aroclor 1260, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 0859	bjt

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D04
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-4
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid	0.0043	U		0.0043	0.016	1	mg/Kg	123020		07/10/04 1051	gok
6010B	Metals Analysis (ICAP Trace)											
	Arsenic, Solid	0.48	U		0.48	0.95	1	mg/Kg	122846		07/08/04 1122	lmr
	Barium, Solid	0.35	~~B~~ J		0.15	0.95	1	mg/Kg	122846		07/08/04 1122	lmr
	Cadmium, Solid	0.076	U		0.076	0.19	1	mg/Kg	122846		07/08/04 1122	lmr
	Chromium, Solid	0.71	~~B~~ 4		0.21	0.95	1	mg/Kg	122846		07/08/04 1122	lmr
	Lead, Solid	0.41	U		0.41	0.47	1	mg/Kg	122846		07/08/04 1122	lmr
	Selenium, Solid	0.38	U		0.38	0.95	1	mg/Kg	122846		07/08/04 1122	lmr
	Silver, Solid	0.29	U		0.29	0.47	1	mg/Kg	122846		07/08/04 1122	lmr

HJE
JJ dlp3

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/09/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D04
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:55
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-4
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	28.0			0.10	0.10	1	%	122099		06/29/04 1911	clb
	% Moisture, Solid	72.0			0.10	0.10	1	%	122099		06/29/04 1911	clb
1010	Ignitability (Pensky-Martens Closed-Cup)											
	Ignitability (Flashpoint), Solid	>140					1	degrees F	122809		07/08/04 1453	jmk
9045C	pH (Soil)											
	pH, Solid	13.5	J		0.2	0.2	1	pH Units	122197		06/30/04 1443	pmf

HVE
22 July 2004

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056 Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D05
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:15
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-5
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Dichlorodifluoromethane, High/Med Level	2500	U		2500	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Chloromethane, High/Med Level	2500	U	UJ	2500	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Vinyl chloride, High/Med Level	2600	U		2600	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Bromomethane, High/Med Level	4400	U		4400	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Chloroethane, High/Med Level	3800	U		3800	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Trichlorofluoromethane, High/Med Level	2200	U		2200	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,1-Dichloroethene, High/Med Level	2900	U		2900	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Carbon disulfide, High/Med Level	2100	U	UJ	2100	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Acetone, High/Med Level	17000	U	UJ	17000	20000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Methylene chloride, High/Med Level	8900	U		8900	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	trans-1,2-Dichloroethene, High/Med Level	1700	U		1700	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Methyl-tert-butyl-ether (MTBE), High/Med Level	1600	U		1600	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,1-Dichloroethane, High/Med Level	2200	U		2200	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	2,2-Dichloropropane, High/Med Level	1900	U		1900	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	cis-1,2-Dichloroethene, High/Med Level	2400	U		2400	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	2-Butanone (MEK), High/Med Level	4200	U	UJ	4200	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Bromochloromethane, High/Med Level	2600	U		2600	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Chloroform, High/Med Level	2600	U		2600	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,1,1-Trichloroethane, High/Med Level	2300	U		2300	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,1-Dichloropropene, High/Med Level	1900	U		1900	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Carbon tetrachloride, High/Med Level	1600	U		1600	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Benzene, High/Med Level	29000			1600	2500	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,2-Dichloroethane, High/Med Level	2400	U		2400	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Trichloroethene, High/Med Level	4500	U		4500	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,2-Dichloropropane, High/Med Level	3100	U		3100	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Dibromomethane, High/Med Level	5500	U		5500	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Bromodichloromethane, High/Med Level	1700	U		1700	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	cis-1,3-Dichloropropene, High/Med Level	1800	U		1800	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn

* In Description = Dry Wgt.

AVE
26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D05
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:15
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-5
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Methyl-2-pentanone (MIBK), High/Med Level	3800	U	H7	3800	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Toluene, High/Med Level	290000			2000	2500	100.00	ug/Kg	122756		07/08/04 0722	jdn
	trans-1,3-Dichloropropene, High/Med Level	1700	U		1700	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,1,2-Trichloroethane, High/Med Level	2200	U		2200	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Tetrachloroethene, High/Med Level	3400	U		3400	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,3-Dichloropropane, High/Med Level	2000	U		2000	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	2-Hexanone, High/Med Level	4300	U	H7	4300	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Dibromochloromethane, High/Med Level	2100	U		2100	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,2-Dibromoethane (EDB), High/Med Level	2800	U		2800	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Chlorobenzene, High/Med Level	2100	U		2100	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,1,1,2-Tetrachloroethane, High/Med Level	1900	U		1900	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Ethylbenzene, High/Med Level	240000			2300	2500	100.00	ug/Kg	122756		07/08/04 0722	jdn
	m&p-Xylenes, High/Med Level	810000			4100	5000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	o-Xylene, High/Med Level	440000			1800	2500	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Styrene, High/Med Level	1900	U		1900	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Bromoform, High/Med Level	2300	U		2300	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Isopropylbenzene, High/Med Level	91000			2200	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Bromobenzene, High/Med Level	2500	U		2500	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,1,2,2-Tetrachloroethane, High/Med Level	2700	U		2700	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,2,3-Trichloropropane, High/Med Level	3200	U	*	3200	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	n-Propylbenzene, High/Med Level	250000			2300	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	2-Chlorotoluene, High/Med Level	2700	U		2700	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,3,5-Trimethylbenzene, High/Med Level	450000			2600	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	4-Chlorotoluene, High/Med Level	2800	U		2800	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	tert-Butylbenzene, High/Med Level	2600	U		2600	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,2,4-Trimethylbenzene, High/Med Level	1600000		*	5300	20000	200.0	ug/Kg	122840	D1	07/08/04 1414	jdn
	sec-Butylbenzene, High/Med Level	170000			2800	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,3-Dichlorobenzene, High/Med Level	3300	U		3300	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	p-Isopropyltoluene, High/Med Level	110000			2900	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn

* In Description = Dry Wgt.

HVG
26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D05
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:15
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-5
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,4-Dichlorobenzene, High/Med Level	3600	U		3600	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	n-Butylbenzene, High/Med Level	530000			3300	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,2-Dichlorobenzene, High/Med Level	3300	U		3300	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,2-Dibromo-3-chloropropane, High/Med Level	6000	U		6000	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,2,4-Trichlorobenzene, High/Med Level	5700	U		5700	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Hexachlorobutadiene, High/Med Level	4300	U		4300	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	Naphthalene, High/Med Level	400000			7700	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn
	1,2,3-Trichlorobenzene, High/Med Level	7900	U	*	7900	10000	100.00	ug/Kg	122756		07/08/04 0722	jdn

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D05
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:15
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-5
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Bis(2-chloroethyl)ether, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	1,3-Dichlorobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	1,4-Dichlorobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	1,2-Dichlorobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Benzyl alcohol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2-Methylphenol (o-cresol), Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2,2-oxybis (1-chloropropane), Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	n-Nitroso-di-n-propylamine, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Hexachloroethane, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	4-Methylphenol (m/p-cresol), Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2-Chlorophenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Nitrobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Bis(2-chloroethoxy)methane, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	1,2,4-Trichlorobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Benzoic acid, Oil	5200000	U		5200000	5200000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Isophorone, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2,4-Dimethylphenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Hexachlorobutadiene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Naphthalene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2,4-Dichlorophenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	4-Chloroaniline, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2,4,6-Trichlorophenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2,4,5-Trichlorophenol, Oil	5200000	U		5200000	5200000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Hexachlorocyclopentadiene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2-Methylnaphthalene, Oil	2000000			1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2-Nitroaniline, Oil	5200000	U		5200000	5200000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2-Chloronaphthalene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D05
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:15
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-5
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2,6-Dinitrotoluene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2-Nitrophenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	3-Nitroaniline, Oil	5200000	U	UJ	5200000	5200000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Dimethyl phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2,4-Dinitrophenol, Oil	5200000	U	UJ	5200000	5200000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Acenaphthylene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	2,4-Dinitrotoluene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Acenaphthene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Dibenzofuran, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	4-Nitrophenol, Oil	5200000	U		5200000	5200000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Fluorene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	4-Nitroaniline, Oil	5200000	U	UJ	5200000	5200000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	4-Bromophenyl phenyl ether, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Hexachlorobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Diethyl phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	4-Chlorophenyl phenyl ether, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Pentachlorophenol, Oil	5200000	U	UJ	5200000	5200000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	n-Nitrosodiphenylamine, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	4,6-Dinitro-2-methylphenol, Oil	5200000	U		5200000	5200000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Phenanthrene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Anthracene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Carbazole, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Di-n-butyl phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Benzidine, Oil	10000000	U	UJ	10000000	10000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Fluoranthene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Pyrene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Butyl benzyl phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Benzo(a)anthracene, Oil	1000000	U	UJ*	1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk

* In Description = Dry Wgt.

1 of 1 JVG
26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D05
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:15
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-5
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	3,3-Dichlorobenzidine, Oil	2000000	U		2000000	2000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Bis(2-ethylhexyl)phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Di-n-octyl phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Benzo(b)fluoranthene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Benzo(k)fluoranthene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Benzo(a)pyrene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Indeno(1,2,3-cd)pyrene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Dibenzo(a,h)anthracene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk
	Benzo(ghi)perylene, Oil	1000000	U	*	1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1546	dpk

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc.

PROJECT: START - SOUTH BEND S

ATTN: Lisa Graczyk

Customer Sample ID: D05
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:15
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-5
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 1010	bjt
	Aroclor 1221, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 1010	bjt
	Aroclor 1232, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 1010	bjt
	Aroclor 1242, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 1010	bjt
	Aroclor 1248, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 1010	bjt
	Aroclor 1254, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 1010	bjt
	Aroclor 1260, Oil	490	U		490	980	2.00000	ug/Kg	122979		07/09/04 1010	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D05
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:15
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-5
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MGRO	TPH - Gasoline Range Organics (GRO) Gasoline Range Organics (GRO), High/Med Level	56000000 56%		M	1000000	5000000	2000.	ug/Kg	122953		07/08/04 0626	wre

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/09/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D05
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:15
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-5
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO) Diesel Range Organics (DRO), Oil	940000 94%			45000	45000	200.000	mg/Kg	122881		07/09/04 1114	pjg

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D05
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:15
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-5
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
7471A	Mercury (CVAA) Solids											
	Mercury, Solid	0.0043	U		0.0043	0.016	1	mg/Kg	123020		07/10/04 1053	gok
6010B	Metals Analysis (ICAP Trace)											
	Arsenic, Solid	0.051	U		0.051	0.10	1	mg/Kg	122846		07/08/04 1129	lmr
	Barium, Solid	0.016	U		0.016	0.10	1	mg/Kg	122846		07/08/04 1129	lmr
	Cadmium, Solid	0.0080	U		0.0080	0.020	1	mg/Kg	122846		07/08/04 1129	lmr
	Chromium, Solid	0.022	U		0.022	0.10	1	mg/Kg	122846		07/08/04 1129	lmr
	Lead, Solid	0.043	U		0.043	0.050	1	mg/Kg	122846		07/08/04 1129	lmr
	Selenium, Solid	0.13			0.040	0.10	1	mg/Kg	122846		07/08/04 1129	lmr
	Silver, Solid	0.031	U		0.031	0.050	1	mg/Kg	122846		07/08/04 1129	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/09/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D05
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:15
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-5
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	0.10	U		0.10	0.10	1	%	122099		06/29/04 1914	clb
	% Moisture, Solid	100			0.10	0.10	1	%	122099		06/29/04 1914	clb
1010	Ignitability (Pensky-Martens Closed-Cup)											
	Ignitability (Flashpoint), Solid	130					1	degrees F	122809		07/08/04 1400	jmk
9045C	pH (Soil)											
	pH, Solid	10.2			0.2	0.2	1	pH Units	122197		06/30/04 1446	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D06
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:30
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-6
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
82608	Volatile Organics											
	Dichlorodifluoromethane, High/Med Level	25	U	*UJ	25	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Chloromethane, High/Med Level	25	U	*	25	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Vinyl chloride, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Bromomethane, High/Med Level	44	U		44	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Chloroethane, High/Med Level	38	U		38	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Trichlorofluoromethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,1-Dichloroethene, High/Med Level	29	U		29	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Carbon disulfide, High/Med Level	21	U	UJ	21	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Acetone, High/Med Level	170	U	UJ	170	200	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Methylene chloride, High/Med Level	89	U		89	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	trans-1,2-Dichloroethene, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Methyl-tert-butyl-ether (MTBE), High/Med Level	16	U		16	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,1-Dichloroethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	2,2-Dichloropropane, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	cis-1,2-Dichloroethene, High/Med Level	24	U		24	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	2-Butanone (MEK), High/Med Level	210		J	42	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Bromochloromethane, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Chloroform, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,1,1-Trichloroethane, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,1-Dichloropropene, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Carbon tetrachloride, High/Med Level	16	U		16	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Benzene, High/Med Level	16	U		16	25	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,2-Dichloroethane, High/Med Level	24	U		24	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Trichloroethene, High/Med Level	45	U		45	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,2-Dichloropropane, High/Med Level	31	U		31	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Dibromomethane, High/Med Level	55	U		55	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Bromodichloromethane, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	cis-1,3-Dichloropropene, High/Med Level	18	U		18	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn

* In Description = Dry Wgt.

HUE
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D06
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:30
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-6
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Methyl-2-pentanone (MIBK), High/Med Level	38	U	UJ	38	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Toluene, High/Med Level	20	U		20	25	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	trans-1,3-Dichloropropene, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,1,2-Trichloroethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Tetrachloroethene, High/Med Level	34	U		34	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,3-Dichloropropane, High/Med Level	20	U		20	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	2-Hexanone, High/Med Level	43	U	UJ	43	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Dibromochloromethane, High/Med Level	21	U		21	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,2-Dibromoethane (EDB), High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Chlorobenzene, High/Med Level	21	U		21	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,1,1,2-Tetrachloroethane, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Ethylbenzene, High/Med Level	23	U		23	25	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	m&p-Xylenes, High/Med Level	41	U		41	50	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	o-Xylene, High/Med Level	18	U		18	25	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Styrene, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Bromoform, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Isopropylbenzene, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Bromobenzene, High/Med Level	25	U		25	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,1,2,2-Tetrachloroethane, High/Med Level	27	U		27	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,2,3-Trichloropropane, High/Med Level	32	U		32	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	n-Propylbenzene, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	2-Chlorotoluene, High/Med Level	27	U		27	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,3,5-Trimethylbenzene, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	4-Chlorotoluene, High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	tert-Butylbenzene, High/Med Level	26	U	*	26	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,2,4-Trimethylbenzene, High/Med Level	26	U	*	26	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	sec-Butylbenzene, High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,3-Dichlorobenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	p-Isopropyltoluene, High/Med Level	29	U		29	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn

* In Description = Dry Wgt.

HVE
26 JUL 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D06
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:30
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-6
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
	1,4-Dichlorobenzene, High/Med Level	36	U		36	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	n-Butylbenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,2-Dichlorobenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,2-Dibromo-3-chloropropane, High/Med Level	60	U		60	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,2,4-Trichlorobenzene, High/Med Level	57	U		57	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Hexachlorobutadiene, High/Med Level	43	U		43	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	Naphthalene, High/Med Level	240			77	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn
	1,2,3-Trichlorobenzene, High/Med Level	79	U		79	100	1.0000	ug/Kg	122840		07/08/04 1437	jdn

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc.

PROJECT: START - SOUTH BEND S

ATTN: Lisa Graczyk

Customer Sample ID: D06
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:30
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-6
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Bis(2-chloroethyl)ether, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	1,3-Dichlorobenzene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	1,4-Dichlorobenzene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	1,2-Dichlorobenzene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Benzyl alcohol, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2-Methylphenol (o-cresol), Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2,2-oxybis (1-chloropropane), Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	n-Nitroso-di-n-propylamine, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Hexachloroethane, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	4-Methylphenol (m/p-cresol), Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2-Chlorophenol, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Nitrobenzene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Bis(2-chloroethoxy)methane, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	1,2,4-Trichlorobenzene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Benzoic acid, Oil	5000000	U		5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Isophorone, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2,4-Dimethylphenol, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Hexachlorobutadiene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Naphthalene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2,4-Dichlorophenol, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	4-Chloroaniline, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2,4,6-Trichlorophenol, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2,4,5-Trichlorophenol, Oil	5000000	U		5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Hexachlorocyclopentadiene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2-Methylnaphthalene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2-Nitroaniline, Oil	5000000	U		5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2-Chloronaphthalene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Gracyzk

Customer Sample ID: D06
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:30
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-6
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2,6-Dinitrotoluene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2-Nitrophenol, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	3-Nitroaniline, Oil	5000000	U	UJ	5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Dimethyl phthalate, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2,4-Dinitrophenol, Oil	5000000	U	UJ	5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Acenaphthylene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	2,4-Dinitrotoluene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Acenaphthene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Dibenzofuran, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	4-Nitrophenol, Oil	5000000	U		5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Fluorene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	4-Nitroaniline, Oil	5000000	U	UJ	5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	4-Bromophenyl phenyl ether, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Hexachlorobenzene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Diethyl phthalate, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	4-Chlorophenyl phenyl ether, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Pentachlorophenol, Oil	5000000	U	UJ	5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	n-Nitrosodiphenylamine, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	4,6-Dinitro-2-methylphenol, Oil	5000000	U		5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Phenanthrene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Anthracene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Carbazole, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Di-n-butyl phthalate, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Benzidine, Oil	9700000	U	UJ	9700000	9700000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Fluoranthene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Pyrene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Butyl benzyl phthalate, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Benzo(a)anthracene, Oil	970000	U	UJ*	970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk

* In Description = Dry Wgt.

HVE
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D06
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:30
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-6
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	3,3-Dichlorobenzidine, Oil	2000000	U		2000000	2000000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Bis(2-ethylhexyl)phthalate, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Di-n-octyl phthalate, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Benzo(b)fluoranthene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Benzo(k)fluoranthene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Benzo(a)pyrene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Indeno(1,2,3-cd)pyrene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Dibenzo(a,h)anthracene, Oil	970000	U		970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk
	Benzo(ghi)perylene, Oil	970000	U	*	970000	970000	10.00000	ug/Kg	123044		07/08/04 1613	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D06
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:30
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-6
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	2500	U		2500	5000	10.0000	ug/Kg	122979		07/09/04 1120	bjt
	Aroclor 1221, Oil	2500	U		2500	5000	10.0000	ug/Kg	122979		07/09/04 1120	bjt
	Aroclor 1232, Oil	2500	U		2500	5000	10.0000	ug/Kg	122979		07/09/04 1120	bjt
	Aroclor 1242, Oil	2500	U		2500	5000	10.0000	ug/Kg	122979		07/09/04 1120	bjt
	Aroclor 1248, Oil	2500	U		2500	5000	10.0000	ug/Kg	122979		07/09/04 1120	bjt
	Aroclor 1254, Oil	2500	U		2500	5000	10.0000	ug/Kg	122979		07/09/04 1120	bjt
	Aroclor 1260, Oil	2500	U		2500	5000	10.0000	ug/Kg	122979		07/09/04 1120	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc.

PROJECT: START - SOUTH BEND S

ATTN: Lisa Graczyk

Customer Sample ID: D06
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:30
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-6
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TE
7471A	Mercury (CVAA) Solids											
	Mercury, Solid	0.0043	U		0.0043	0.016	1	mg/Kg	123020		07/10/04 1055	go
6010B	Metals Analysis (ICAP Trace)											
	Arsenic, Solid	0.46	U		0.46	0.91	1	mg/Kg	122846		07/08/04 1136	lm
	Barium, Solid	0.15	U		0.15	0.91	1	mg/Kg	122846		07/08/04 1136	lm
	Cadmium, Solid	0.073	U		0.073	0.18	1	mg/Kg	122846		07/08/04 1136	lm
	Chromium, Solid	0.20	U		0.20	0.91	1	mg/Kg	122846		07/08/04 1136	lm
	Lead, Solid	0.39	U		0.39	0.46	1	mg/Kg	122846		07/08/04 1136	lm
	Selenium, Solid	0.36	U		0.36	0.91	1	mg/Kg	122846		07/08/04 1136	lm
	Silver, Solid	0.28	U		0.28	0.46	1	mg/Kg	122846		07/08/04 1136	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/09/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D06
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:30
Sample Matrix.....: DrumLiq

Laboratory Sample ID: 228056-6
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	99.4			0.10	0.10	1	%	122099		06/29/04 1917	clb
	% Moisture, Solid	0.60			0.10	0.10	1	%	122099		06/29/04 1917	clb
1010	Ignitability (Pensky-Martens Closed-Cup)											
	Ignitability (Flashpoint), Solid	>140					1	degrees F	122809		07/08/04 1547	jmk
9045C	pH (Soil)											
	pH, Solid	8.9			0.2	0.2	1	pH Units	122197		06/30/04 1448	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: TRANSFORMER-1
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:00
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-8
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	220000	U		220000	440000	1000.00	ug/Kg	122893		07/08/04 1631	bjt
	Aroclor 1221, Oil	220000	U		220000	440000	1000.00	ug/Kg	122893		07/08/04 1631	bjt
	Aroclor 1232, Oil	220000	U		220000	440000	1000.00	ug/Kg	122893		07/08/04 1631	bjt
	Aroclor 1242, Oil	220000	U		220000	440000	1000.00	ug/Kg	122893		07/08/04 1631	bjt
	Aroclor 1248, Oil	220000	U		220000	440000	1000.00	ug/Kg	122893		07/08/04 1631	bjt
	Aroclor 1254, Oil	220000	U		220000	440000	1000.00	ug/Kg	122893		07/08/04 1631	bjt
	Aroclor 1260, Oil	3500000			220000	440000	1000.00	ug/Kg	122893		07/08/04 1631	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: TRANSFORMER-2
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:15
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-9
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	400000	U		400000	790000	2000.00	ug/Kg	122893		07/08/04 1741	bjt
	Aroclor 1221, Oil	400000	U		400000	790000	2000.00	ug/Kg	122893		07/08/04 1741	bjt
	Aroclor 1232, Oil	400000	U		400000	790000	2000.00	ug/Kg	122893		07/08/04 1741	bjt
	Aroclor 1242, Oil	400000	U		400000	790000	2000.00	ug/Kg	122893		07/08/04 1741	bjt
	Aroclor 1248, Oil	400000	U		400000	790000	2000.00	ug/Kg	122893		07/08/04 1741	bjt
	Aroclor 1254, Oil	400000	U		400000	790000	2000.00	ug/Kg	122893		07/08/04 1741	bjt
	Aroclor 1260, Oil	10000000			400000	790000	2000.00	ug/Kg	122893		07/08/04 1741	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: TRANSFORMER-3
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:30
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-10
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	75000000	U		75000000	150000000	500000.	ug/Kg	122893		07/08/04 1852	bjt
	Aroclor 1221, Oil	75000000	U		75000000	150000000	500000.	ug/Kg	122893		07/08/04 1852	bjt
	Aroclor 1232, Oil	75000000	U		75000000	150000000	500000.	ug/Kg	122893		07/08/04 1852	bjt
	Aroclor 1242, Oil	75000000	U		75000000	150000000	500000.	ug/Kg	122893		07/08/04 1852	bjt
	Aroclor 1248, Oil	75000000	U		75000000	150000000	500000.	ug/Kg	122893		07/08/04 1852	bjt
	Aroclor 1254, Oil	75000000	U		75000000	150000000	500000.	ug/Kg	122893		07/08/04 1852	bjt
	Aroclor 1260, Oil	500000000			75000000	150000000	500000.	ug/Kg	122893		07/08/04 1852	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: TRANSFORMER-4
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:15
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-11
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	18000000	U		18000000	35000000	100000.	ug/Kg	122893		07/08/04 2113	bjt
	Aroclor 1221, Oil	18000000	U		18000000	35000000	100000.	ug/Kg	122893		07/08/04 2113	bjt
	Aroclor 1232, Oil	18000000	U		18000000	35000000	100000.	ug/Kg	122893		07/08/04 2113	bjt
	Aroclor 1242, Oil	18000000	U		18000000	35000000	100000.	ug/Kg	122893		07/08/04 2113	bjt
	Aroclor 1248, Oil	18000000	U		18000000	35000000	100000.	ug/Kg	122893		07/08/04 2113	bjt
	Aroclor 1254, Oil	18000000	U		18000000	35000000	100000.	ug/Kg	122893		07/08/04 2113	bjt
	Aroclor 1260, Oil	520000000			18000000	35000000	100000.	ug/Kg	122893		07/08/04 2113	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: GW01
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:45
Sample Matrix.....: Water

Laboratory Sample ID: 228056-7
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
8260B	Volatile Organics											
	Dichlorodifluoromethane	0.15	U		0.15	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Chloromethane	0.080	U	UJ	0.080	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Vinyl chloride	0.080	U		0.080	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Bromomethane	0.10	U		0.10	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Chloroethane	0.080	U		0.080	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Trichlorofluoromethane	0.11	U		0.11	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	1,1-Dichloroethene	0.12	U		0.12	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Carbon disulfide	0.20	U		0.20	5.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Acetone	9.2			1.8	5.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Methylene chloride	0.35	U		0.35	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	trans-1,2-Dichloroethene	0.14	U		0.14	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Methyl-tert-butyl-ether (MTBE)	0.14	U		0.14	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	1,1-Dichloroethane	0.11	U		0.11	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	2,2-Dichloropropane	0.14	U		0.14	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	cis-1,2-Dichloroethene	0.090	U		0.090	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	2-Butanone (MEK)	1.2	U		1.2	5.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Bromochloromethane	0.10	U		0.10	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Chloroform	0.11	U		0.11	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	1,1,1-Trichloroethane	0.080	U		0.080	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	1,1-Dichloropropene	0.11	U		0.11	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Carbon tetrachloride	0.13	U		0.13	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Benzene	0.090	U		0.090	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	1,2-Dichloroethane	0.090	U		0.090	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Trichloroethene	0.10	U	H	0.10	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	1,2-Dichloropropane	0.12	U		0.12	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Dibromomethane	0.14	U		0.14	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Bromodichloromethane	0.11	U		0.11	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	cis-1,3-Dichloropropene	0.12	U		0.12	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056 Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: GW01
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:45
Sample Matrix.....: Water

Laboratory Sample ID: 228056-7
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TE
	4-Methyl-2-pentanone (MIBK)	0.65	U		0.65	5.0	1.00000	ug/L	122752		07/08/04 0506	jd
	Toluene	0.10	U		0.10	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	trans-1,3-Dichloropropene	0.15	U		0.15	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	1,1,2-Trichloroethane	0.15	U		0.15	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	Tetrachloroethene	140			0.18	2.0	2.00000	ug/L	123041	D1	07/09/04 1300	ma
	1,3-Dichloropropane	0.090	U		0.090	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	2-Hexanone	0.53	U		0.53	5.0	1.00000	ug/L	122752		07/08/04 0506	jd
	Dibromochloromethane	0.060	U		0.060	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	1,2-Dibromoethane (EDB)	0.13	U		0.13	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	Chlorobenzene	0.080	U		0.080	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	1,1,1,2-Tetrachloroethane	0.10	U		0.10	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	Ethylbenzene	0.070	U		0.070	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	m&p-Xylenes	0.18	U		0.18	2.0	1.00000	ug/L	122752		07/08/04 0506	jd
	o-Xylene	0.080	U		0.080	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	Styrene	0.13	U	*	0.13	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	Bromoform	0.11	U		0.11	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	Isopropylbenzene	0.080	U		0.080	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	Bromobenzene	0.12	U		0.12	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	1,1,2,2-Tetrachloroethane	0.090	U		0.090	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	1,2,3-Trichloropropane	0.13	U		0.13	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	n-Propylbenzene	0.080	U		0.080	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	2-Chlorotoluene	0.11	U		0.11	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	1,3,5-Trimethylbenzene	0.090	U		0.090	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	4-Chlorotoluene	0.080	U		0.080	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	tert-Butylbenzene	0.080	U		0.080	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	1,2,4-Trimethylbenzene	0.070	U		0.070	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	sec-Butylbenzene	0.070	U		0.070	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	1,3-Dichlorobenzene	0.090	U		0.090	1.0	1.00000	ug/L	122752		07/08/04 0506	jd
	p-Isopropyltoluene	0.080	U		0.080	1.0	1.00000	ug/L	122752		07/08/04 0506	jd

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: GW01
Date Sampled.....: 06/25/2004
Time Sampled.....: 11:45
Sample Matrix.....: Water

Laboratory Sample ID: 228056-7
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
	1,4-Dichlorobenzene	0.13	U		0.13	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	n-Butylbenzene	0.090	U		0.090	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	1,2-Dichlorobenzene	0.12	U		0.12	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	1,2-Dibromo-3-chloropropane	0.19	U		0.19	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	1,2,4-Trichlorobenzene	0.13	U		0.13	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Hexachlorobutadiene	0.14	U		0.14	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	Naphthalene	0.35	U		0.35	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn
	1,2,3-Trichlorobenzene	0.16	U		0.16	1.0	1.00000	ug/L	122752		07/08/04 0506	jdn

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P01
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:00
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-12
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Dichlorodifluoromethane, High/Med Level	25	U	*UJ	25	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Chloromethane, High/Med Level	25	U	*	25	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Vinyl chloride, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Bromomethane, High/Med Level	44	U		44	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Chloroethane, High/Med Level	38	U		38	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Trichlorofluoromethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,1-Dichloroethene, High/Med Level	29	U		29	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Carbon disulfide, High/Med Level	21	U	UJ	21	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Acetone, High/Med Level	170	U	UJ	170	200	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Methylene chloride, High/Med Level	89	U		89	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	trans-1,2-Dichloroethene, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Methyl-tert-butyl-ether (MTBE), High/Med Level	16	U		16	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,1-Dichloroethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	2,2-Dichloropropane, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	cis-1,2-Dichloroethene, High/Med Level	24	U		24	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	2-Butanone (MEK), High/Med Level	42	U	UJ	42	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Bromochloromethane, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Chloroform, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,1,1-Trichloroethane, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,1-Dichloropropene, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Carbon tetrachloride, High/Med Level	16	U		16	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Benzene, High/Med Level	16	U		16	25	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,2-Dichloroethane, High/Med Level	24	U		24	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Trichloroethene, High/Med Level	45	U		45	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,2-Dichloropropane, High/Med Level	31	U		31	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Dibromomethane, High/Med Level	55	U		55	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Bromodichloromethane, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	cis-1,3-Dichloropropene, High/Med Level	18	U		18	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn

* In Description = Dry Wgt.

HVE
26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P01
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:00
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-12
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
	4-Methyl-2-pentanone (MIBK), High/Med Level	38	U	UJ	38	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Toluene, High/Med Level	20	U		20	25	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	trans-1,3-Dichloropropene, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,1,2-Trichloroethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Tetrachloroethene, High/Med Level	34	U		34	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,3-Dichloropropane, High/Med Level	20	U		20	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	2-Hexanone, High/Med Level	43	U	UJ	43	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Dibromochloromethane, High/Med Level	21	U		21	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,2-Dibromoethane (EDB), High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Chlorobenzene, High/Med Level	21	U		21	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,1,1,2-Tetrachloroethane, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Ethylbenzene, High/Med Level	23	U		23	25	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	m&p-Xylenes, High/Med Level	41	U		41	50	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	o-Xylene, High/Med Level	18	U		18	25	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Styrene, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Bromoform, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Isopropylbenzene, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Bromobenzene, High/Med Level	25	U		25	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,1,2,2-Tetrachloroethane, High/Med Level	27	U		27	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,2,3-Trichloropropane, High/Med Level	32	U		32	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	n-Propylbenzene, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	2-Chlorotoluene, High/Med Level	27	U		27	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,3,5-Trimethylbenzene, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	4-Chlorotoluene, High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	tert-Butylbenzene, High/Med Level	26	U	*	26	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,2,4-Trimethylbenzene, High/Med Level	26	U	*	26	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	sec-Butylbenzene, High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,3-Dichlorobenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	p-Isopropyltoluene, High/Med Level	29	U		29	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn

* In Description = Dry Wgt.

HDG
26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P01
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:00
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-12
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,4-Dichlorobenzene, High/Med Level	36	U		36	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	n-Butylbenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,2-Dichlorobenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,2-Dibromo-3-chloropropane, High/Med Level	60	U		60	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,2,4-Trichlorobenzene, High/Med Level	57	U		57	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Hexachlorobutadiene, High/Med Level	43	U		43	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	Naphthalene, High/Med Level	260			77	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn
	1,2,3-Trichlorobenzene, High/Med Level	79	U		79	100	1.0000	ug/Kg	122840		07/08/04 1459	jdn

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P01
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:00
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-12
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Bis(2-chloroethyl)ether, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	1,3-Dichlorobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	1,4-Dichlorobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	1,2-Dichlorobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Benzyl alcohol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2-Methylphenol (o-cresol), Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2,2-oxybis (1-chloropropane), Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	n-Nitroso-di-n-propylamine, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Hexachloroethane, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	4-Methylphenol (m/p-cresol), Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2-Chlorophenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Nitrobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Bis(2-chloroethoxy)methane, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	1,2,4-Trichlorobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Benzoic acid, Oil	5100000	U		5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Isophorone, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2,4-Dimethylphenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Hexachlorobutadiene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Naphthalene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2,4-Dichlorophenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	4-Chloroaniline, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2,4,6-Trichlorophenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2,4,5-Trichlorophenol, Oil	5100000	U		5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Hexachlorocyclopentadiene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2-Methylnaphthalene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2-Nitroaniline, Oil	5100000	U		5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2-Chloronaphthalene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P01
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:00
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-12
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2,6-Dinitrotoluene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2-Nitrophenol, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	3-Nitroaniline, Oil	5100000	U	UJ	5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Dimethyl phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2,4-Dinitrophenol, Oil	5100000	U	UJ	5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Acenaphthylene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	2,4-Dinitrotoluene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Acenaphthene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Dibenzofuran, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	4-Nitrophenol, Oil	5100000	U		5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Fluorene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	4-Nitroaniline, Oil	5100000	U	UJ	5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	4-Bromophenyl phenyl ether, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Hexachlorobenzene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Diethyl phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	4-Chlorophenyl phenyl ether, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Pentachlorophenol, Oil	5100000	U	UJ	5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	n-Nitrosodiphenylamine, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	4,6-Dinitro-2-methylphenol, Oil	5100000	U		5100000	5100000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Phenanthrene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Anthracene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Carbazole, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Di-n-butyl phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Benzidine, Oil	10000000	U	UJ	10000000	10000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Fluoranthene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Pyrene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Butyl benzyl phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Benzo(a)anthracene, Oil	1000000	U	UJ*	1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk

* In Description = Dry Wgt.

14 UG
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P01
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:00
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-12
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	3,3-Dichlorobenzidine, Oil	2000000	U		2000000	2000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Bis(2-ethylhexyl)phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Di-n-octyl phthalate, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Benzo(b)fluoranthene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Benzo(k)fluoranthene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Benzo(a)pyrene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Indeno(1,2,3-cd)pyrene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Dibenzo(a,h)anthracene, Oil	1000000	U		1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk
	Benzo(ghi)perylene, Oil	1000000	U	*	1000000	1000000	10.00000	ug/Kg	123044		07/08/04 1640	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P01
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:00
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-12
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	2400	U		2400	4800	10.0000	ug/Kg	122979		07/09/04 2154	bjt
	Aroclor 1221, Oil	2400	U		2400	4800	10.0000	ug/Kg	122979		07/09/04 2154	bjt
	Aroclor 1232, Oil	2400	U		2400	4800	10.0000	ug/Kg	122979		07/09/04 2154	bjt
	Aroclor 1242, Oil	2400	U		2400	4800	10.0000	ug/Kg	122979		07/09/04 2154	bjt
	Aroclor 1248, Oil	2400	U		2400	4800	10.0000	ug/Kg	122979		07/09/04 2154	bjt
	Aroclor 1254, Oil	2400	U		2400	4800	10.0000	ug/Kg	122979		07/09/04 2154	bjt
	Aroclor 1260, Oil	2400	U		2400	4800	10.0000	ug/Kg	122979		07/09/04 2154	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P01
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:00
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-12
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TE
7471A	Mercury (CVAA) Solids											
	Mercury, Solid	0.0058	B	U	0.0043	0.016	1	mg/Kg	123020		07/10/04 1057	go
6010B	Metals Analysis (ICAP Trace)											
	Arsenic, Solid	0.47	U		0.47	0.93	1	mg/Kg	122846		07/08/04 1142	lm
	Barium, Solid	10			0.15	0.93	1	mg/Kg	122846		07/08/04 1142	lm
	Cadmium, Solid	0.19			0.074	0.19	1	mg/Kg	122846		07/08/04 1142	lm
	Chromium, Solid	1.3			0.20	0.93	1	mg/Kg	122846		07/08/04 1142	lm
	Lead, Solid	16			0.40	0.47	1	mg/Kg	122846		07/08/04 1142	lm
	Selenium, Solid	0.37	U		0.37	0.93	1	mg/Kg	122846		07/08/04 1142	lm
	Silver, Solid	0.29	U		0.29	0.47	1	mg/Kg	122846		07/08/04 1142	lm

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/09/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND 5 ATTN: Lisa Graczyk

Customer Sample ID: P01
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:00
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-12
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	89.7			0.10	0.10	1	%	122099		06/29/04 1920	clb
	% Moisture, Solid	10.3			0.10	0.10	1	%	122099		06/29/04 1920	clb
D240	BTU analysis											
	BTU/lb, Solid	15000				350	1	BTU/lb	122615		07/07/04 0820	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-13
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Dichlorodifluoromethane, High/Med Level	25	U		25	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Chloromethane, High/Med Level	25	U	*UJ	25	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Vinyl chloride, High/Med Level	26	U	*	26	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Bromomethane, High/Med Level	44	U		44	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Chloroethane, High/Med Level	38	U		38	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Trichlorofluoromethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,1-Dichloroethene, High/Med Level	29	U		29	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Carbon disulfide, High/Med Level	21	U	UJ	21	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Acetone, High/Med Level	170	U	UJ	170	200	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Methylene chloride, High/Med Level	89	U		89	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	trans-1,2-Dichloroethene, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Methyl-tert-butyl-ether (MTBE), High/Med Level	16	U		16	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,1-Dichloroethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	2,2-Dichloropropane, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	cis-1,2-Dichloroethene, High/Med Level	24	U		24	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	2-Butanone (MEK), High/Med Level	42	U	UJ	42	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Bromochloromethane, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Chloroform, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,1,1-Trichloroethane, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,1-Dichloropropene, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Carbon tetrachloride, High/Med Level	16	U		16	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Benzene, High/Med Level	16	U		16	25	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,2-Dichloroethane, High/Med Level	24	U		24	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Trichloroethene, High/Med Level	45	U		45	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,2-Dichloropropane, High/Med Level	31	U		31	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Dibromomethane, High/Med Level	55	U		55	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Bromodichloromethane, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	cis-1,3-Dichloropropene, High/Med Level	18	U		18	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-13
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Methyl-2-pentanone (MIBK), High/Med Level	38	U	U7	38	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Toluene, High/Med Level	20	U		20	25	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	trans-1,3-Dichloropropene, High/Med Level	17	U		17	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,1,2-Trichloroethane, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Tetrachloroethene, High/Med Level	34	U		34	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,3-Dichloropropane, High/Med Level	20	U		20	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	2-Hexanone, High/Med Level	43	U	U7	43	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Dibromochloromethane, High/Med Level	21	U		21	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,2-Dibromoethane (EDB), High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Chlorobenzene, High/Med Level	21	U		21	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,1,1,2-Tetrachloroethane, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Ethylbenzene, High/Med Level	23	U		23	25	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	m&p-Xylenes, High/Med Level	41	U		41	50	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	o-Xylene, High/Med Level	18	U		18	25	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Styrene, High/Med Level	19	U		19	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Bromoform, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Isopropylbenzene, High/Med Level	22	U		22	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Bromobenzene, High/Med Level	25	U		25	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,1,2,2-Tetrachloroethane, High/Med Level	27	U		27	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,2,3-Trichloropropane, High/Med Level	32	U		32	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	n-Propylbenzene, High/Med Level	23	U		23	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	2-Chlorotoluene, High/Med Level	27	U		27	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,3,5-Trimethylbenzene, High/Med Level	26	U		26	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	4-Chlorotoluene, High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	tert-Butylbenzene, High/Med Level	26	U	*	26	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,2,4-Trimethylbenzene, High/Med Level	26	U	*	26	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	sec-Butylbenzene, High/Med Level	28	U		28	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,3-Dichlorobenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	p-Isopropyltoluene, High/Med Level	29	U		29	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn

* In Description = Dry Wgt.

HVG
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-13
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,4-Dichlorobenzene, High/Med Level	36	U		36	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	n-Butylbenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,2-Dichlorobenzene, High/Med Level	33	U		33	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,2-Dibromo-3-chloropropane, High/Med Level	60	U		60	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,2,4-Trichlorobenzene, High/Med Level	57	U		57	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Hexachlorobutadiene, High/Med Level	43	U		43	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	Naphthalene, High/Med Level	310			77	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn
	1,2,3-Trichlorobenzene, High/Med Level	79	U		79	100	1.0000	ug/Kg	122840		07/08/04 1522	jdn

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-13
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
8270C	Semivolatile Organics											
	Phenol, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Bis(2-chloroethyl)ether, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	1,3-Dichlorobenzene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	1,4-Dichlorobenzene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	1,2-Dichlorobenzene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Benzyl alcohol, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2-Methylphenol (o-cresol), Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2,2-oxybis (1-chloropropane), Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	n-Nitroso-di-n-propylamine, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Hexachloroethane, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	4-Methylphenol (m/p-cresol), Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2-Chlorophenol, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Nitrobenzene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Bis(2-chloroethoxy)methane, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	1,2,4-Trichlorobenzene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Benzoic acid, Oil	5000000	U		5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Isophorone, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2,4-Dimethylphenol, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Hexachlorobutadiene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Naphthalene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2,4-Dichlorophenol, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	4-Chloroaniline, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2,4,6-Trichlorophenol, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2,4,5-Trichlorophenol, Oil	5000000	U		5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Hexachlorocyclopentadiene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2-Methylnaphthalene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2-Nitroaniline, Oil	5000000	U		5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2-Chloronaphthalene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-13
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2,6-Dinitrotoluene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2-Nitrophenol, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	3-Nitroaniline, Oil	5000000	U	UJ	5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Dimethyl phthalate, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2,4-Dinitrophenol, Oil	5000000	U	UJ	5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Acenaphthylene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	2,4-Dinitrotoluene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Acenaphthene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Dibenzofuran, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	4-Nitrophenol, Oil	5000000	U	UJ	5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Fluorene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	4-Nitroaniline, Oil	5000000	U	UJ	5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	4-Bromophenyl phenyl ether, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Hexachlorobenzene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Diethyl phthalate, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	4-Chlorophenyl phenyl ether, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Pentachlorophenol, Oil	5000000	U	UJ	5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	n-Nitrosodiphenylamine, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	4,6-Dinitro-2-methylphenol, Oil	5000000	U		5000000	5000000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Phenanthrene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Anthracene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Carbazole, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Di-n-butyl phthalate, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Benzidine, Oil	9600000	U	UJ	9600000	9600000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Fluoranthene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Pyrene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Butyl benzyl phthalate, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Benzo(a)anthracene, Oil	960000	U	U*	960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk

* In Description = Dry Wgt.

HUG
26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-13
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	3,3-Dichlorobenzidine, Oil	2000000	U		2000000	2000000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Bis(2-ethylhexyl)phthalate, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Di-n-octyl phthalate, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Benzo(b)fluoranthene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Benzo(k)fluoranthene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Benzo(a)pyrene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Indeno(1,2,3-cd)pyrene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Dibenzo(a,h)anthracene, Oil	960000	U		960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk
	Benzo(ghi)perylene, Oil	960000	U	*	960000	960000	10.00000	ug/Kg	123044		07/08/04 1706	dpk

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc.

PROJECT: START - SOUTH BEND S

ATTN: Lisa Graczyk

Customer Sample ID: P02
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-13
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 2305	bjt
	Aroclor 1221, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 2305	bjt
	Aroclor 1232, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 2305	bjt
	Aroclor 1242, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 2305	bjt
	Aroclor 1248, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 2305	bjt
	Aroclor 1254, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 2305	bjt
	Aroclor 1260, Oil	2400	U		2400	4700	10.0000	ug/Kg	122979		07/09/04 2305	bjt

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-13
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
7471A	Mercury (CVAA) Solids											
	Mercury, Solid	0.0078		4	0.0043	0.016	1	mg/Kg	123020		07/10/04 1100	gok
6010B	Metals Analysis (ICAP Trace)											
	Arsenic, Solid	0.47	U		0.47	0.93	1	mg/Kg	122846		07/08/04 1149	lmr
	Barium, Solid	25			0.15	0.93	1	mg/Kg	122846		07/08/04 1149	lmr
	Cadmium, Solid	0.15		J	0.074	0.19	1	mg/Kg	122846		07/08/04 1149	lmr
	Chromium, Solid	0.34		4	0.20	0.93	1	mg/Kg	122846		07/08/04 1149	lmr
	Lead, Solid	5.2			0.40	0.46	1	mg/Kg	122846		07/08/04 1149	lmr
	Selenium, Solid	0.37	U		0.37	0.93	1	mg/Kg	122846		07/08/04 1149	lmr
	Silver, Solid	0.29	U		0.29	0.46	1	mg/Kg	122846		07/08/04 1149	lmr

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* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/09/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Oil

Laboratory Sample ID: 228056-13
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	72.3			0.10	0.10	1	%	122099		06/29/04 1922	clb
	% Moisture, Solid	27.7			0.10	0.10	1	%	122099		06/29/04 1922	clb
D240	BTU analysis											
	BTU/lb, Solid	20000				350	1	BTU/lb	122615		07/07/04 0930	pmf

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056 Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02W
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Waste Water

Laboratory Sample ID: 228056-14
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Water	320			12	170	1.00000	ug/L	123050		07/06/04 1621	dpk
	Bis(2-chloroethyl)ether, Low Level Water	10	U		10	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	1,3-Dichlorobenzene, Low Level Water	14	U		14	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	1,4-Dichlorobenzene, Low Level Water	11	U		11	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	1,2-Dichlorobenzene, Low Level Water	12	U		12	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	Benzyl alcohol, Low Level Water	73	U		73	670	1.00000	ug/L	123050		07/06/04 1621	dpk
	2-Methylphenol (o-cresol), Low Level Water	8.7	U		8.7	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	2,2-oxybis (1-chloropropane), Low Level Water	9.3	U		9.3	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	n-Nitroso-di-n-propylamine, Low Level Water	2.7	U		2.7	17	1.00000	ug/L	123050		07/06/04 1621	dpk
	Hexachloroethane, Low Level Water	20	U		20	170	1.00000	ug/L	123050		07/06/04 1621	dpk
	4-Methylphenol (m/p-cresol), Low Level Water	70			3.3	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	2-Chlorophenol, Low Level Water	4.0	U		4.0	170	1.00000	ug/L	123050		07/06/04 1621	dpk
	Nitrobenzene, Low Level Water	5.3	U		5.3	33	1.00000	ug/L	123050		07/06/04 1621	dpk
	Bis(2-chloroethoxy)methane, Low Level Water	10	U		10	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	1,2,4-Trichlorobenzene, Low Level Water	11	U		11	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	Benzoic acid, Low Level Water	100	U		100	670	1.00000	ug/L	123050		07/06/04 1621	dpk
	Isophorone, Low Level Water	8.7	U		8.7	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	2,4-Dimethylphenol, Low Level Water	43	U		43	330	1.00000	ug/L	123050		07/06/04 1621	dpk
	Hexachlorobutadiene, Low Level Water	21	U		21	170	1.00000	ug/L	123050		07/06/04 1621	dpk
	Naphthalene, Low Level Water	5.3	U		5.3	33	1.00000	ug/L	123050		07/06/04 1621	dpk
	2,4-Dichlorophenol, Low Level Water	30	U		30	330	1.00000	ug/L	123050		07/06/04 1621	dpk
	4-Chloroaniline, Low Level Water	93	U		93	330	1.00000	ug/L	123050		07/06/04 1621	dpk
	2,4,6-Trichlorophenol, Low Level Water	7.0	U		7.0	170	1.00000	ug/L	123050		07/06/04 1621	dpk
	2,4,5-Trichlorophenol, Low Level Water	47	U		47	330	1.00000	ug/L	123050		07/06/04 1621	dpk
	Hexachlorocyclopentadiene, Low Level Water	22	U		22	670	1.00000	ug/L	123050		07/06/04 1621	dpk
	2-Methylnaphthalene, Low Level Water	36			4.3	17	1.00000	ug/L	123050		07/06/04 1621	dpk
	2-Nitroaniline, Low Level Water	7.3	U		7.3	170	1.00000	ug/L	123050		07/06/04 1621	dpk
	2-Chloronaphthalene, Low Level Water	8.7	U		8.7	67	1.00000	ug/L	123050		07/06/04 1621	dpk

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02W
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Waste Water

Laboratory Sample ID: 228056-14
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Water	<80	U		80	330	1.00000	ug/L	123050		07/06/04 1621	dpk
	2,6-Dinitrotoluene, Low Level Water	3.7	U		3.7	17	1.00000	ug/L	123050		07/06/04 1621	dpk
	2-Nitrophenol, Low Level Water	27	U		27	330	1.00000	ug/L	123050		07/06/04 1621	dpk
	3-Nitroaniline, Low Level Water	70	U	*	70	330	1.00000	ug/L	123050		07/06/04 1621	dpk
	Dimethyl phthalate, Low Level Water	7.0	U		7.0	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	2,4-Dinitrophenol, Low Level Water	110	U	UJ	110	670	1.00000	ug/L	123050		07/06/04 1621	dpk
	Acenaphthylene, Low Level Water	4.0	U		4.0	33	1.00000	ug/L	123050		07/06/04 1621	dpk
	2,4-Dinitrotoluene, Low Level Water	4.3	U		4.3	33	1.00000	ug/L	123050		07/06/04 1621	dpk
	Acenaphthene, Low Level Water	4.0	U		4.0	33	1.00000	ug/L	123050		07/06/04 1621	dpk
	Dibenzofuran, Low Level Water	4.3	U		4.3	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	4-Nitrophenol, Low Level Water	120	U		120	670	1.00000	ug/L	123050		07/06/04 1621	dpk
	Fluorene, Low Level Water	9.9	J	J	4.3	33	1.00000	ug/L	123050		07/06/04 1621	dpk
	4-Nitroaniline, Low Level Water	77	U		77	330	1.00000	ug/L	123050		07/06/04 1621	dpk
	4-Bromophenyl phenyl ether, Low Level Water	6.3	U		6.3	170	1.00000	ug/L	123050		07/06/04 1621	dpk
	Hexachlorobenzene, Low Level Water	3.2	U		3.2	17	1.00000	ug/L	123050		07/06/04 1621	dpk
	Diethyl phthalate, Low Level Water	5.0	U		5.0	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	4-Chlorophenyl phenyl ether, Low Level Water	25	U		25	170	1.00000	ug/L	123050		07/06/04 1621	dpk
	Pentachlorophenol, Low Level Water	57	U		57	330	1.00000	ug/L	123050		07/06/04 1621	dpk
	n-Nitrosodiphenylamine, Low Level Water	4.3	U		4.3	33	1.00000	ug/L	123050		07/06/04 1621	dpk
	4,6-Dinitro-2-methylphenol, Low Level Water	80	U		80	670	1.00000	ug/L	123050		07/06/04 1621	dpk
	Phenanthrene, Low Level Water	26	J	J	4.7	33	1.00000	ug/L	123050		07/06/04 1621	dpk
	Anthracene, Low Level Water	5.0	U		5.0	33	1.00000	ug/L	123050		07/06/04 1621	dpk
	Carbazole, Low Level Water	9.7	U		9.7	170	1.00000	ug/L	123050		07/06/04 1621	dpk
	Di-n-butyl phthalate, Low Level Water	12	U		12	170	1.00000	ug/L	123050		07/06/04 1621	dpk
	Benzidine, Low Level Water	1400	U	UJ	1400	3300	1.00000	ug/L	123050		07/06/04 1621	dpk
	Fluoranthene, Low Level Water	4.7	U		4.7	33	1.00000	ug/L	123050		07/06/04 1621	dpk
	Pyrene, Low Level Water	7.2	J	J	4.0	33	1.00000	ug/L	123050		07/06/04 1621	dpk
	Butyl benzyl phthalate, Low Level Water	13	U		13	67	1.00000	ug/L	123050		07/06/04 1621	dpk
	Benzo(a)anthracene, Low Level Water	1.6	U		1.6	6.7	1.00000	ug/L	123050		07/06/04 1621	dpk

* In Description = Dry Wgt.

HVG
26 Jul 04

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 228056

Date:07/14/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02W
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Waste Water

Laboratory Sample ID: 228056-14
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Low Level Water	1.5	U		1.5	17	1.00000	ug/L	123050		07/06/04 1621	dpk
	3,3-Dichlorobenzidine, Low Level Water	24	U		24	170	1.00000	ug/L	123050		07/06/04 1621	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Water	130	U		130	330	1.00000	ug/L	123050		07/06/04 1621	dpk
	Di-n-octyl phthalate, Low Level Water	83	U		83	330	1.00000	ug/L	123050		07/06/04 1621	dpk
	Benzo(b)fluoranthene, Low Level Water	2.2	U		2.2	6.7	1.00000	ug/L	123050		07/06/04 1621	dpk
	Benzo(k)fluoranthene, Low Level Water	2.4	U		2.4	6.7	1.00000	ug/L	123050		07/06/04 1621	dpk
	Benzo(a)pyrene, Low Level Water	2.8	U		2.8	6.7	1.00000	ug/L	123050		07/06/04 1621	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Water	2.9	U		2.9	6.7	1.00000	ug/L	123050		07/06/04 1621	dpk
	Dibenzo(a,h)anthracene, Low Level Water	4.3	U		4.3	6.7	1.00000	ug/L	123050		07/06/04 1621	dpk
	Benzo(ghi)perylene, Low Level Water	6.3	U	*	6.3	33	1.00000	ug/L	123050		07/06/04 1621	dpk

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

L A B O R A T O R Y   T E S T   R E S U L T S

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc.   PROJECT: START - SOUTH BEND S   ATTN: Lisa Graczyk

Customer Sample ID: P02W
Date Sampled......: 06/25/2004
Time Sampled......: 12:30
Sample Matrix.....: Waste Water

Laboratory Sample ID: 228056-14
Date Received.......: 06/28/2004
Time Received.......: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016	11	U	UJ	11	33	2.00000	ug/L	122890		07/07/04 2310	bjt
	Aroclor 1221	31	U	UJ	31	33	2.00000	ug/L	122890		07/07/04 2310	bjt
	Aroclor 1232	15	U	UJ	15	33	2.00000	ug/L	122890		07/07/04 2310	bjt
	Aroclor 1242	13	U	UJ	13	33	2.00000	ug/L	122890		07/07/04 2310	bjt
	Aroclor 1248	14	U	UJ	14	33	2.00000	ug/L	122890		07/07/04 2310	bjt
	Aroclor 1254	8.7	U	UJ	8.7	33	2.00000	ug/L	122890		07/07/04 2310	bjt
	Aroclor 1260	10	U	UJ	10	33	2.00000	ug/L	122890		07/07/04 2310	bjt

HVE
26 Jul 04

* In Description = Dry Wgt.

STL Chicago

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/12/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02W
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Waste Water

Laboratory Sample ID: 228056-14
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7470A	Mercury (CVAA)											
	Mercury	0.000049	U		0.000049	0.00020	1	mg/L	122217		06/30/04 1323	gok
6010B	Metals Analysis (ICAP Trace)											
	Arsenic	0.026	U		0.026	0.050	1	mg/L	122382		07/01/04 1711	lmr
	Barium	0.92			0.0075	0.050	1	mg/L	122523		07/02/04 1250	tds
	Cadmium	0.0064	~~B~~	J	0.0022	0.010	1	mg/L	122382		07/01/04 1711	lmr
	Chromium	0.039	~~B~~	J	0.0075	0.050	1	mg/L	122382		07/01/04 1711	lmr
	Lead	0.21			0.014	0.025	1	mg/L	122382		07/01/04 1711	lmr
	Selenium	0.025	U		0.025	0.050	1	mg/L	122382		07/01/04 1711	lmr
	Silver	0.016	U		0.016	0.025	1	mg/L	122382		07/01/04 1711	lmr

HWE
23 July 04

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/09/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: P02W
Date Sampled.....: 06/25/2004
Time Sampled.....: 12:30
Sample Matrix.....: Waste Water

Laboratory Sample ID: 228056-14
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
9040B	pH (Liquid) pH	11.40			0.20	0.20	1	pH Units	122252		06/30/04 1435	pmf

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D01 BOTTOM
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:45
Sample Matrix.....: Water

Laboratory Sample ID: 228056-15
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
8260B	Volatile Organics											
	Dichlorodifluoromethane	15	U		15	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Chloromethane	8.0	U	* UJ	8.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Vinyl chloride	8.0	U	*	8.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Bromomethane	10	U		10	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Chloroethane	8.0	U		8.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Trichlorofluoromethane	11	U		11	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,1-Dichloroethene	12	U		12	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Carbon disulfide	20	U	UJ	20	500	100.0	ug/L	123047		07/08/04 1244	jdn
	Acetone	31000			9000	25000	5000.00	ug/L	122752	D1	07/08/04 0551	jdn
	Methylene chloride	35	U		35	100	100.0	ug/L	123047		07/08/04 1244	jdn
	trans-1,2-Dichloroethene	14	U		14	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Methyl-tert-butyl-ether (MTBE)	14	U		14	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,1-Dichloroethane	11	U		11	100	100.0	ug/L	123047		07/08/04 1244	jdn
	2,2-Dichloropropane	14	U		14	100	100.0	ug/L	123047		07/08/04 1244	jdn
	cis-1,2-Dichloroethene	9.0	U		9.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	2-Butanone (MEK)	350	J	J	120	500	100.0	ug/L	123047		07/08/04 1244	jdn
	Bromochloromethane	10	U		10	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Chloroform	11	U		11	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,1,1-Trichloroethane	8.0	U		8.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,1-Dichloropropene	11	U		11	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Carbon tetrachloride	13	U		13	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Benzene	9.0	U		9.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,2-Dichloroethane	9.0	U		9.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Trichloroethene	10	U	*	10	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,2-Dichloropropane	12	U		12	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Dibromomethane	14	U		14	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Bromodichloromethane	11	U		11	100	100.0	ug/L	123047		07/08/04 1244	jdn
	cis-1,3-Dichloropropene	12	U		12	100	100.0	ug/L	123047		07/08/04 1244	jdn

* In Description = Dry Wgt.

HVG
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D01 BOTTOM
Date Sampled.....: 06/25/2004
Time Sampled.....: 10:45
Sample Matrix.....: Water

Laboratory Sample ID: 228056-15
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
	4-Methyl-2-pentanone (MIBK)	220	J	J	65	500	100.0	ug/L	123047		07/08/04 1244	jdn
	Toluene	10	U		10	100	100.0	ug/L	123047		07/08/04 1244	jdn
	trans-1,3-Dichloropropene	15	U		15	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,1,2-Trichloroethane	15	U		15	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Tetrachloroethene	9.0	U		9.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,3-Dichloropropane	9.0	U		9.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	2-Hexanone	53	U	UJ	53	500	100.0	ug/L	123047		07/08/04 1244	jdn
	Dibromochloromethane	6.0	U		6.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,2-Dibromoethane (EDB)	13	U		13	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Chlorobenzene	8.0	U		8.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,1,1,2-Tetrachloroethane	10	U		10	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Ethylbenzene	7.0	U	*	7.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	m&p-Xylenes	18	U		18	200	100.0	ug/L	123047		07/08/04 1244	jdn
	o-Xylene	8.0	U		8.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Styrene	13	U	*	13	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Bromoform	11	U		11	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Isopropylbenzene	8.0	U		8.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Bromobenzene	12	U	*	12	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,1,2,2-Tetrachloroethane	9.0	U		9.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,2,3-Trichloropropane	13	U		13	100	100.0	ug/L	123047		07/08/04 1244	jdn
	n-Propylbenzene	8.0	U		8.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	2-Chlorotoluene	11	U		11	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,3,5-Trimethylbenzene	9.0	U	*	9.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	4-Chlorotoluene	8.0	U		8.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	tert-Butylbenzene	8.0	U	*	8.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,2,4-Trimethylbenzene	7.0	U		7.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	sec-Butylbenzene	7.0	U	*	7.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,3-Dichlorobenzene	9.0	U		9.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	p-Isopropyltoluene	8.0	U		8.0	100	100.0	ug/L	123047		07/08/04 1244	jdn

* In Description = Dry Wgt.

HUG
26 Jul 04

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LABORATORY TEST RESULTS

Job Number: 228056

Date:07/16/2004

CUSTOMER: Tetra Tech, Inc. PROJECT: START - SOUTH BEND S ATTN: Lisa Graczyk

Customer Sample ID: D01 BOTTOM
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Time Sampled.....: 10:45
Sample Matrix.....: Water

Laboratory Sample ID: 228056-15
Date Received.....: 06/28/2004
Time Received.....: 13:20

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TEC
	1,4-Dichlorobenzene	13	U		13	100	100.0	ug/L	123047		07/08/04 1244	jdn
	n-Butylbenzene	9.0	U		9.0	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,2-Dichlorobenzene	12	U		12	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,2-Dibromo-3-chloropropane	19	U		19	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,2,4-Trichlorobenzene	13	U		13	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Hexachlorobutadiene	14	U		14	100	100.0	ug/L	123047		07/08/04 1244	jdn
	Naphthalene	35	U		35	100	100.0	ug/L	123047		07/08/04 1244	jdn
	1,2,3-Trichlorobenzene	16	U		16	100	100.0	ug/L	123047		07/08/04 1244	jdn

* In Description = Dry Wgt.

APPENDIX C

LIST OF WITNESSES

(One Page)

LIST OF WITNESSES

Mr. Kenneth M. Theisen
On-Scene Coordinator
Emergency Response Branch
U.S. Environmental Protection Agency Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3507
(312) 886-1959

Ms. Jodi McCarty
Mr. Brandt Brown
Mr. Thomas Kouris
Tetra Tech EM Inc.
200 East Randolph Drive, Suite 4700
Chicago, IL 60601
(312) 856-8700

Mr. Roger Shields
Environmental Quality Management
(574) 532-2734

Mr. Terry Baehr
Hull and Associates
3401 Glendale Avenue, Suite 300
Toledo, OH 43614-2418
(419) 385-2018

Mr. Andy Laurent
City of South Bend Redevelopment Commission