

111294

27 October 1992

Ms. Dianne J. Walker, Remedial Project Manager  
U.S. Environmental Protection Agency  
Region III  
841 Chestnut Building  
Philadelphia, PA 19107

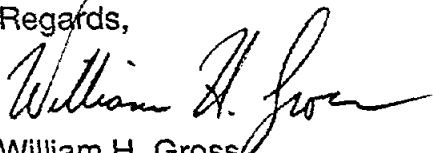
Reason: Request for Information - Colburn Underground Storage Tanks (UST)

Dear Dianne:

Please find included a copy of the closure and corrective action report to PADER dated 21 October 1992. Although this report took longer to compile than we anticipated, I am sure you will find it very comprehensive.

Regarding the design specifications for the present stripping system and associated oil filtration, on 19 October 1992 I received a copy of the material forwarded to your attention by BCM, Incorporated. The material appears to be complete and I trust it will serve to answer any questions you may have on the actual installation of the system.

Regards,



William H. Gross  
Regulatory Compliance Manager  
(215) 674-6789

:lb

enclosure



**TII ENVIRONMENTAL, INC.**

Corporate Office  
Evesham Corporate Center • 4 East Stow Road • Marlton, New Jersey 08053-3150  
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**UNDERGROUND STORAGE TANK  
CLOSURE AND CORRECTIVE ACTION REPORT**

at

**FISCHER & PORTER COMPANY  
125 East County Line Road  
Warminster, Pennsylvania 18974**

for

**FISCHER & PORTER COMPANY  
125 East County Line Road  
Warminster, Pennsylvania 18974**

Attention: Mr. William Gross

**PADER UST Facility ID No. 09-45328**

**Project No. 91-318**

**October 21, 1992**

Prepared by:

**TII ENVIRONMENTAL, INC.  
4 East Stow Road  
Marlton, New Jersey 08053**

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1.0 INTRODUCTION

TTI Environmental, Inc. (TTI) was contracted by Fischer & Porter Company (Fischer & Porter) to excavate and remove eight (8) Underground Storage Tanks (USTs). The eight (8) USTs were located at the Fischer & Porter facility at 125 East County Line Road in Warminster, Bucks County, Pennsylvania. The USTs were previously used to store Petroleum Hydrocarbon products used for the fluid calibration of metals manufactured by Fischer & Porter. The USTs were out of service for several years. The adjacent pump room which housed piping and valves which regulated flow from the USTs was demolished as part of the UST removal process. The subject site is shown in a regional setting in Figure 1.0. The UST locations are depicted in Figure 2.0. All eight (8) USTs were removed in accordance with Pennsylvania Department of Environmental Resources (PADER) regulations.

2.0 UST DESCRIPTIONS

The following is a description of the UST systems which were excavated from the subject site:

UST No. 1

- . Size: 2,000 Gallon
- . Product Stored: Refined Petroleum (Stoddard)
- . Construction: Single wall steel
- . Condition: Corroded; visible pitting
- . Piping: Not corroded
- . Age: Thirty-three (33) years
- . Location: Adjacent to Colburn Building

UST No. 2

- . Size: 2,000 Gallon
- . Product Stored: Oil
- . Construction: Single wall steel
- . Condition: Corroded; visible pitting
- . Piping: Not corroded
- . Age: Thirty-three (33) years
- . Location: Adjacent to Colburn Building

2.0 UST DESCRIPTIONS (CONTINUED)

UST No. 3

. Size:	2,000 Gallon
. Product Stored:	Refined Petroleum (Stoddard)
. Construction:	Single wall steel
. Condition:	Corroded; visible pitting
. Piping:	Not corroded
. Age:	Thirty-three (33) years
. Location:	Adjacent to Colburn Building

UST No. 4

. Size:	1,000 Gallon
. Product Stored:	Refined Petroleum (Stoddard)
. Construction:	Single wall steel
. Condition:	Corroded; no visible holes
. Piping:	Not corroded
. Age:	Thirty-three (33) years
. Location:	Adjacent to Colburn Building

UST No. 5

. Size:	1,000 Gallon
. Product Stored:	Refined Petroleum (Stoddard)
. Construction:	Single wall steel
. Condition:	Corroded; no visible holes
. Piping:	Not corroded
. Age:	Thirty-three (33) years
. Location:	Adjacent to Colburn Building

UST No. 6

. Size:	1,000 Gallon
. Product Stored:	Refined Petroleum (Stoddard)
. Construction:	Single wall steel
. Condition:	Corroded; no visible holes
. Piping:	Not corroded
. Age:	Thirty-three (33) years
. Location:	Adjacent to Colburn Building

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2.0 UST DESCRIPTIONS (CONTINUED)

UST No. 7

. Size:	1,000 Gallon
. Product Stored:	Refined Petroleum (Stoddard)
. Construction:	Single wall steel
. Condition:	Corroded; no visible holes
. Piping:	Not corroded
. Age:	Thirty-three (33) years
. Location:	Adjacent to Colburn Building

UST No. 8

. Size:	275 Gallon
. Former Product Stored:	Waste Oil (tank was filled with concrete)
. Construction:	Single wall steel
. Condition:	Corroded; no visible holes
. Piping:	No associated piping
. Age:	Thirty-three (33) years
. Location:	Adjacent to Colburn Building

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# TTI

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## 3.0 EVENT LOG

The following events occurred at the subject site after an appropriate Health and Safety Plan was prepared, submitted and approved by Fischer & Porter:

- February 7, 1992 - Northeastern Analytical Corporation (NAC) personnel performed an Asbestos inspection of the pump room which included bulk sampling and analysis of aboveground pipe insulation (Appendix A). The inspection revealed the presence of Asbestos materials which would require abatement prior to UST removal and pump room demolition.
- February 11, 1992 - TTI prepared and sent notification of UST removal correspondence to PADER/PA State Fire Marshall Division (Appendix B).
- February 12, 1992 - PADER issued a storage tank registration facility ID Number to Fischer & Porter. TTI also secured a building permit from the Township of Warminster (Appendix B).
- February 25, 1992 - NAC personnel supervised the abatement of aboveground piping asbestos insulation materials performed by Diversified Contracting Co., Inc. A project report is provided as Appendix D.
- February 26, 1992 - TTI personnel arrived on site and began to dismantle aboveground piping associated with the USTs.
- February 27, 1992 - TTI personnel continued dismantling aboveground piping.
- February 28, 1992 - TTI personnel began to remove product piping associated with UST No. 1 and No. 2.
  - TTI personnel measured amount of residual product in the USTs in preparation for pumping and disposal.
  - TTI began the excavation of a 275 gallon waste oil UST discovered during the removal of piping.

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**3.0 EVENT LOG (CONTINUED)**

- March 5, 1992
- TTI continued demolition of aboveground piping.
  - The USTs were drained and cleaned by Prickett's Industrial Tank Cleaning Corporation (PITCCO) (Appendix E).
- March 6, 1992
- TTI continued removing piping and secured site prior to leaving.
- March 9, 1992
- TTI personnel removed a non-regulated 3,000 gallon brine water Aboveground Storage Tank (AST).
- March 12, 1992
- TTI personnel began the excavation and removal of the eight (8) USTs from a tank farm area.
  - Excavated soils were placed on six (6) ml. plastic sheeting.
  - TTI completed the excavation and removal of all eight (8) USTs.
  - The 275 gallon waste oil UST was found to be filled with concrete. TTI broke concrete from the UST.
  - The USTs were staged for proper disposal.
- March 13, 1992
- Due to the presence of apparent soil contamination, TTI performed a limited remedial effort in the excavation.
  - TTI personnel collected twenty (20) initial post excavation soil samples from the UST excavation and a composite sample of staged soil. All samples were submitted to Northeastern Analytical Corporation (NAC) for Volatile Organics (BTEX) by EPA Method 8020 and selected samples were submitted for Total Petroleum Hydrocarbon (TPH) analysis by EPA Method 418.1 (NAC Test Report No. 92L-0982 - Appendix F).
- March 14, 1992
- TTI removed all concrete deadmen used to hold down USTs. Any contaminated soil was removed from the concrete prior to disposal.

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**3.0 EVENT LOG (CONTINUED)**

- March 16, 1992
- TTI personnel broke and loaded the excavated concrete deadmen into dumpsters for disposal.
  - Colonial Salvage removed the eight (8) USTs and one (1) aboveground tank for disposal as scrap metal (Appendix G).
  - Based on the initial post excavation sample results which indicated varying levels of TPH/BTEX contamination, TTI performed eight test pits throughout the excavation area in order to spatially delineate remaining soil contamination. A total of eight (8) test pit samples were collected for TPH analysis (NAC Test Report No. 92L-1003 - Appendix F).
- March 20, 1992
- Based on test pit sample results, TTI performed a final remedial effort in the portion of the excavation which exhibited the highest concentration levels of TPH.
  - TTI personnel collected thirteen (13) final post remediation soil samples from the UST excavation to be analyzed for TPH and Volatile Organics by NAC laboratories (NAC Test Report No. NAC92L-1048 - Appendix C).
- March 25, 1992
- TTI prepared and sent a storage Tank and Spill Prevention Act Notification of Contamination Report to the PADER southeast office (Appendix H).
- March 31, 1992
- TTI personnel secured waste soil piles plastic sheeting and prepared the excavated area for backfilling with cleanfill. The excavation was lined with plastic sheeting prior to backfilling activities.
- April 1, 1992
- TTI began backfilling the excavation with certified cleanfill provided by Tom Carty Trucking of Laurel Springs, New Jersey and F.A. Cipollioni and Sons, Inc. of Philadelphia, Pennsylvania (Appendix I).
- April 2, 1992
- TTI continued backfilling the excavation.
- April 3, 1992
- TTI continued backfilling and grading the excavation area.
- April 6, 1992
- TTI continued backfilling and grading the excavation area.

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**3.0 EVENT LOG (CONTINUED)**

- April 7, 1992 - TTI continued grading excavation area.
- April 8, 1992 - TTI continued grading excavation with top soil.
- April 9, 1992 - TTI finished grading and site restoration activities and demobilized from the site.
- April 29, 1992 - TTI began loading the waste soil pile for transportation to the Envirotech Mid-Atlantic Soil Recycling facility in Chatham, Virginia.
- April 30, 1992 - TTI completed loading of waste soil. A total of 521.06 tons of waste soil was delivered to the EnviroTech facility for recycling.

A photographic log is provided as Appendix K.

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#### **4.0 SITE ASSESSMENT SUMMARY**

##### **4.1 UST Area Description**

The eight (8) subject USTs were installed as part of a fluid testing program performed in the Colburn Building. The USTs and an associated pump room were installed in the rear of the Colburn Building and are shown in Figure 2.0. The natural grade in this area was a sharp slope towards the east and northeast. Due to this terrain configuration, the USTs were actually installed and anchored above the natural grade with cover material mounded over the USTs. The pad and foundation for the pump room were constructed slightly below natural grade with a retaining wall at the lower end (above the pump room) used to hold cover materials mounded around the USTs.

For the purposes of this report all vertical subsurface field measurements were taken from the base of the Colburn Building and/or pump room concrete floor pad following its demolition. A subsurface cross-sectional diagram of the subject area is provided as Figure 3.0.

##### **4.2 Soil Sampling and Analytical Results**

Three sets of soil samples were collected from the subject site in an effort to assess the extent of TPH contamination and as guidance for remedial efforts. The initial set of samples were collected on March 13, 1992 with a total of twenty-one (21) investigatory soil samples submitted to NAC for analysis. All samples were analyzed for Volatile Organics (BTEX) by EPA Method 8020 and selected samples were analyzed for TPH by EPA Method 418.1. Seventeen (17) of the soil samples were collected throughout the bottom of the excavation. Three background soil samples (S-16, 17 and 18) were collected several feet away from the area of investigation for comparative analytical purposes. A composite soil sample of the staged soil pile (S-21) was also collected. All sample locations are shown in Figure 4.0. The analytical results are provided in NAC Test Report No. 92L-0982 (Appendix F) and are summarized in Table 1.0:



#### 4.0 SITE ASSESSMENT SUMMARY (CONTINUED)

#### 4.2 Soil Sampling and Analytical Results (Continued)

Table 1.0: Initial Post-Excavation Sample Results Sample Date: March 13, 1992						
Sample Location	Approximate Sample Depth <sup>1</sup> (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH (mg/kg)
S-1	10.5	ND	ND	ND	ND	NR
S-2	10.5	ND	ND	ND	ND	NR
S-3	10.5	ND	ND	ND	ND	NR
S-4	10.5	ND	ND	ND	ND	NR
S-5	10.5	ND	ND	3.6	1.6	NR
S-6	10.5	32	ND	67	71	5900
S-7	10.5	29	ND	34	53	3200
S-8	10.5	41	ND	33	53	1800
S-9	10.5	9.3	ND	99	299	NR
S-10	12.5	16	ND	10	20.5	340
S-11	12.5	ND	ND	ND	ND	59
S-12	12.5	3.7	ND	6.1	16.2	4000
S-13	12.5	15	ND	20	29.1	310
S-14	12.5	3.5	ND	1.2	ND	200
S-15	12.5	6.3	ND	16	9.9	85
S-16	**	1.3	ND	ND	ND	NR
S-17	**	ND	ND	ND	ND	NR
S-18	**	ND	ND	1.2	ND	NR
S-19	12.5	8.8	ND	12	34.2	NR
S-20	12.5	ND	ND	ND	ND	NR
S-21	composite of excavated soil	4.0	ND	7.0	20.6	NR

<sup>1</sup>Sample depths were measured from base of Colburn Building as depicted in Figure 2.0  
\*\*Background sample collected at five (5) feet below natural grade  
ND:Not Detected  
NR:Not Requested  
Source:NAC Test Report No. 92L-0982

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**4.0 SITE ASSESSMENT SUMMARY (CONTINUED)**

**4.2 Soil Sampling and Analytical Results (Continued)**

A review of analytical results in Table 1.0 indicates varying levels of TPH and BTEX in soils throughout the excavation area. The highest levels were generally found in the northwest portion of the excavation and around the southern and western edges of the demolished pump room concrete pad. Using this information to assess the horizontal delineation of TPH/BTEX levels, TTI suggested a vertical delineation program through test pits performed in the excavation area prior to implementing a major soil remedial investigation.

On March 17, 1992, TTI excavated eight (8) test pits to a depth of approximately six (6) feet measured below the demolished pump room concrete floor pad in order to vertically delineate the area of most significant contamination for remediation purposes. One (1) sample was collected from the bottom of each test pit and submitted to NAC for TPH analysis. Test pit locations are shown in Figure 4.0. The analytical results are provided in NAC Test Report No. 92L-1003 are summarized in Table 2.0 below:

Table 2.0: Excavation Test Pit Soil Sample Results				
Soil Sample Location	Approximate Sample Depth <sup>1</sup> (feet)	TPH Result (mg/kg)	Corresponding Investigatory Sample Locations	TPH Result (mg/kg) (from Table 1.0)
TP-1	16	58	S-4	NR
TP-2	16	26	S-2/S-3	NR
TP-3	16	45	S-1	NR
TP-4	16	31	S-14/S-13	200/310
TP-5	16	760	S-13/S-12	310/4000
TP-6	16	350	S-12/S-11	4000/59
TP-7	16	46	S-9	NR
TP-8	16	120	S-6	5900

<sup>1</sup>Sampling depths measured from base of Colburn Building as depicted in Figure 2.0  
Source: NAC Test Report No. 92L-1003

The analytical results for the test pit samples indicated that TPH levels significantly decreased at an approximate depth of six (6) feet below the general base of the excavation area.



#### 4.0 SITE ASSESSMENT SUMMARY (CONTINUED)

##### 4.3 Remedial Action

The third set of samples were collected on March 20, 1992, to document the remedial effort performed based on the initial investigatory sampling and test pit analytical results. The remedial effort focused on the general area of the excavation which exhibited the highest TPH and BTEX levels. An OVA field screening instrument was used to guide the remedial effort. A total of thirteen (13) samples were collected throughout the remedial area to document the remedial effort. All samples were submitted for TPH analysis with selected samples, based on OVA sample headspace screening results. These soil sample locations were submitted for BTEX analysis. Sample locations are shown in Figure 5.0. The analytical results are provided in NAC Test Report No. 92L-1048 and are summarized in Table 3.0 below:

Sample Location	Approximate Sample Depth <sup>1</sup> (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH (mg/kg)	OVA Headspace Screening Result (ppm)
S-22	16.5-17.5	NR	NR	NR	NR	180	550
S-23	16.5-17.5	1.9	ND	17	28.1	610	1000+
S-24	16.5-17.5	NR	NR	NR	NR	12	100
S-25	16.5-17.5	NR	NR	NR	NR	360	1000+
S-26	16.5-17.5	2.7	ND	16	25.9	1000	1000+
S-27	16.5-17.5	NR	NR	NR	NR	180	750
S-28	16.5-17.5	11	ND	12	38.3	2200	1000+
S-29	16.5-17.5	NR	NR	NR	NR	260	1000+
S-30	16.5-17.5	NR	NR	NR	NR	220	1000+
S-31	16.5-17.5	NR	NR	NR	NR	790	1000+
S-32	16.5-17.5	NR	NR	NR	NR	ND	300
S-33	16.5-17.5	3.2	ND	8.7	16.8	990	350
S-34	16.5-17.5	NR	NR	NR	NR	260	NA

<sup>1</sup>Sample depths were measured from base of Colburn Building as depicted in Figure 2.0  
ND:Not Detected  
NR:Not Requested  
NA:Not Analyzed  
Source:NAC Test Report No. 92L-1048

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#### 4.0 SITE ASSESSMENT SUMMARY (CONTINUED)

##### 4.3 Remedial Action (Continued)

The analytical results in Table 5.0 indicate that the remedial effort was successful in significantly reducing BTEX and TPH levels in excavation soils.

The remedial effort was terminated at this point due to concern for the structural integrity of the Colburn Building and the limitations of excavation equipment being used on site. In addition, the remedial zone at 16.5 to 17.5 feet was partly consolidated, consisting of shale fragments.

##### 4.4 On-Site Hydrogeologic Conditions

As determined during the subsurface underground storage tank excavation, demolition of the Pump House and post excavation/remediation activities, site specific lithology consisted of orange-tank, green, dark green, reddish brown, brown, brownish gray, dark gray and black medium to fine grained sand, silty sand, sandy silt and conglomerate. The soil type exhibited mica and glauconitic conditions. Intercalated zonation of gray to tan fill consisting of wood, organic fiber, plastics, stones, etc. were found within the upper 3 - 4 feet below grade.

At an average depth of 10 feet below the Colburn building foundation, coarse sub-angular to angular, reddish-brown clastics of weathered shalestone and sandstone were observed. The shale, siltstone and sandstone unit was severely fractured consisting of 2 to 6 inches in length of rock fragments. Little or no silt or sand was interspersed. Evidence of residual petroleum contamination was observed at an isolated zone i.e. around the northwest edge of the Colburn Building.

The final depth of soil remediation activities was to 17.5 feet below grade as measured from the base of the Colburn building (see Figure 3.0).

The above stratigraphy is estimated to be that of the Triassic age Newark group Stockton Shale, sandstone and siltstone formation. It structurally dips 12 to 17 degrees in northwesterly orientation.

A longitudinal cross-section of the subsurface conditions is presented as Figure 3.0.

Groundwater yield within the Stockton formation is relatively high i.e. over 10 gallons per minute (gpm). Static Water Level at an adjacent monitor well (FP-5) just outside the area of investigation is 23.07 feet below grade as measured on March 17, 1992.

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**4.0 SITE ASSESSMENT SUMMARY (CONTINUED)**

**4.4 On-Site Hydrogeologic Conditions (Continued)**

Hydrologically the local potentiometric flow within the bedrock unit is estimated to be west-northwesterly towards an unnamed tributary of the Pennypack Creek.

Fischer & Porter has reported and documented an on-going groundwater remediation program to address a Trichloroethene and Tetrachloroethene contamination condition. The Bucks County Health Department, PADER and the USEPA were reported to have overseen the investigation. The USEPA is presently overseeing this groundwater remediation program. The hydraulic effect in terms of draw-down being created by this program, i.e. zone of capture, encompasses the current soil remediation zone addressed in this report.

Prior to commencing with the UST removal, TTI suggested that Fischer & Porter arrange for the sampling/analysis of the groundwater being pumped and treated as part of the remediation system. BCM Engineers (BCM) is currently contracted by Fischer & Porter to maintain the system. TTI suggested sampling the influent and effluent from the system for full Volatile Organic Analysis by EPA Method 624 including a Forward NIH/NBS Library Search to identify non-targeted compounds. On August 29, 1992, BCM personnel collected the suggested samples for analysis. The analytical results are provided in BCM Project Report No. 00-6240-08 (Appendix L) and are summarized below in Table 4.0:

Table 4.0: Groundwater Remediation/Treatment System Analytical Results				
Sample Date: 08/29/91				
Analyte (ug/l)	Influent (W-1&W-2)	Influent (W-7)	Effluent	Effluent (Duplicate)
<b>Targeted Volatile Organics</b>				
Trans-1,2-Dichloroethene	300	2100	<5.0	<5.0
Trichloroethene (TCE)	1,000	1,300	6.0	6.0
Tetrachloroethene (PCE)	<5.0	54	<5.0	<5.0
Benzene	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0
Total Xylenes	<5.0	<5.0	<5.0	<5.0
<b>Non-Targeted Volatile Organics</b>	No peaks found	No peaks found	No peaks found	No peaks found
Source: BCM Project Report No. 00-6240-08				



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**4.0 SITE ASSESSMENT SUMMARY (CONTINUED)**

**4.4 On-Site Hydrogeologic Conditions (Continued)**

The analytical results in Table 4.0 indicate no evidence of BTEX compounds in the groundwater pump and treat system influent or effluent waters. This suggests that the subject UST discharge has not impacted local groundwater at the site.

**4.5 Management of Excavated Soils**

All excavated TPH contaminated soils were staged on and covered with plastic sheeting. A total of 521.06 tons of TPH contaminated soils were loaded by TTI and transported on April 29-30, 1992 to the Envirotech Soil Recycling facility in Chatham, Virginia. All soil recycling documentation is provided as Appendix J.

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## 5.0 CONCLUSIONS AND RECOMMENDATIONS

The post excavation soil sampling and analytical data provided in this report documents a discharge associated with USTs removed from the site in June, 1992. An initial round of investigatory soil samples indicated varying concentration levels of TPH and BTEX (some significant) at several points within the excavation area. Additional investigatory test pit sampling and analysis performed to delineate the area of most concern, identified the northwest portion of the excavation for a soil remediation program. The remediation program performed by TTI significantly reduced TPH and BTEX levels in soils in the targeted area. Some elevated TPH and BTEX levels remain, however, the remedial effort was terminated due to concern for the structural integrity of the adjacent Colburn Building, limitations of excavation equipment and the presence of a consolidated bedrock conditions in the remedial area.

Since the depth-to-groundwater in the area of the excavation is documented at approximately 23 feet below grade, the residual TPH and BTEX levels remaining in soils may or may not serve as a significant concern for future impact to groundwater. The on-going groundwater remediation project to address TCE and PCE contamination can be used to monitor any potential impact from residual TPH/BTEX concentration levels remaining in soils.

Based on the conclusions presented above, TTI offers the following recommendation:

1. Implement a continued groundwater monitoring program to document the presence or absence of BTEX compounds by analyzing the groundwater remediation pump and treat system influent and effluent samples, on a quarterly basis, for BTEX by EPA Method 602. Since the documented existing cone of depression associated with the groundwater TCE/PCE remediation system encompasses the entire UST remedial area, this increased monitoring effort will serve to indicate any potential groundwater impact from the UST discharge.

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FIGURES

AR300595



**FIGURE 1.0:**  
**REGIONAL SITE LOCATION MAP**

Fischer & Porter, Co.  
125 East County Line Road  
Warminster, Pennsylvania



**ENVIRONMENTAL, INC.**

4 East Stow Road  
Marlton, New Jersey 08053  
609/985-8800 1-800-228-8018

SCALE

1" = 2000'

PROJECT

92-318

DRAWN BY

USGS

APP'D BY

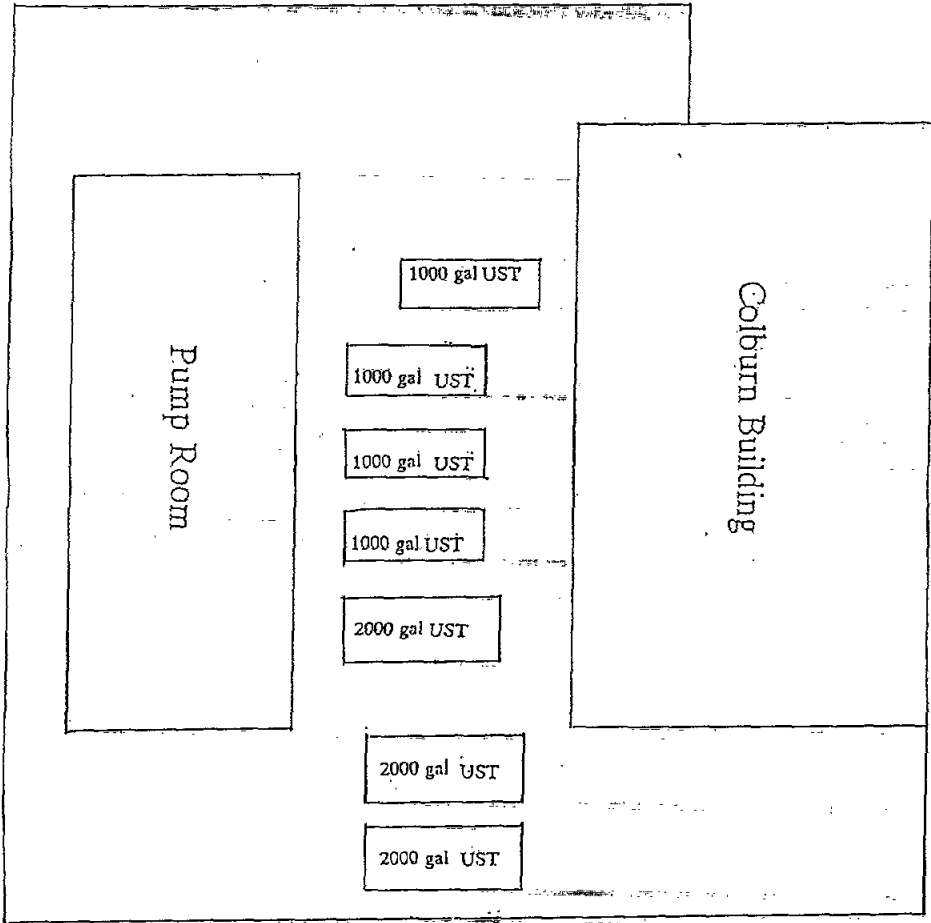
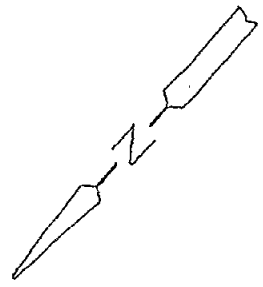
DATE

10/13/92

DRAWING NO.

1.0

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Monitoring Well (BCM F-5)\*

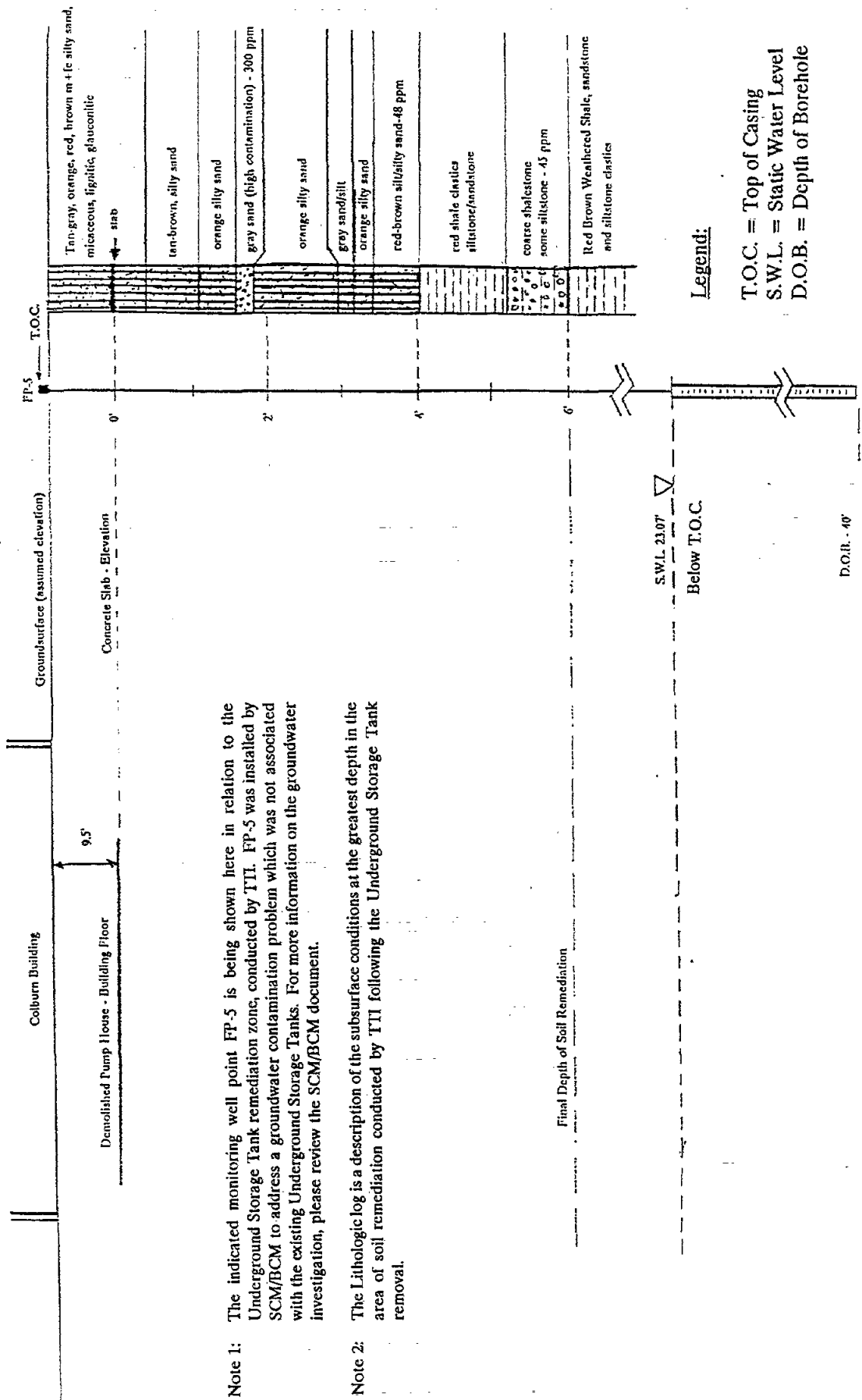
\*This monitoring well was installed as part of the TCE groundwater remediation program.

<b>FIGURE 2.0:</b> <b>UST LOCATION DIAGRAM</b>		<b>FISCHER &amp; PORTER CO.</b> 125 East County Line Road Warminster, Pennsylvania	
<b>TTI</b> TTI Environmental Consulting A Division of TankTest, Inc. 4 East Stow Road Marlton, New Jersey 08053 609/985-8800	SCALE 1" = 10'	DRAWN BY T.P.	DATE 09/14/92
	PROJECT 92-318	APP'D BY	DRAWING NO. 2.0

AR300597

# Longitudinal Cross Section of Subsurface Conditions (facing SSW)

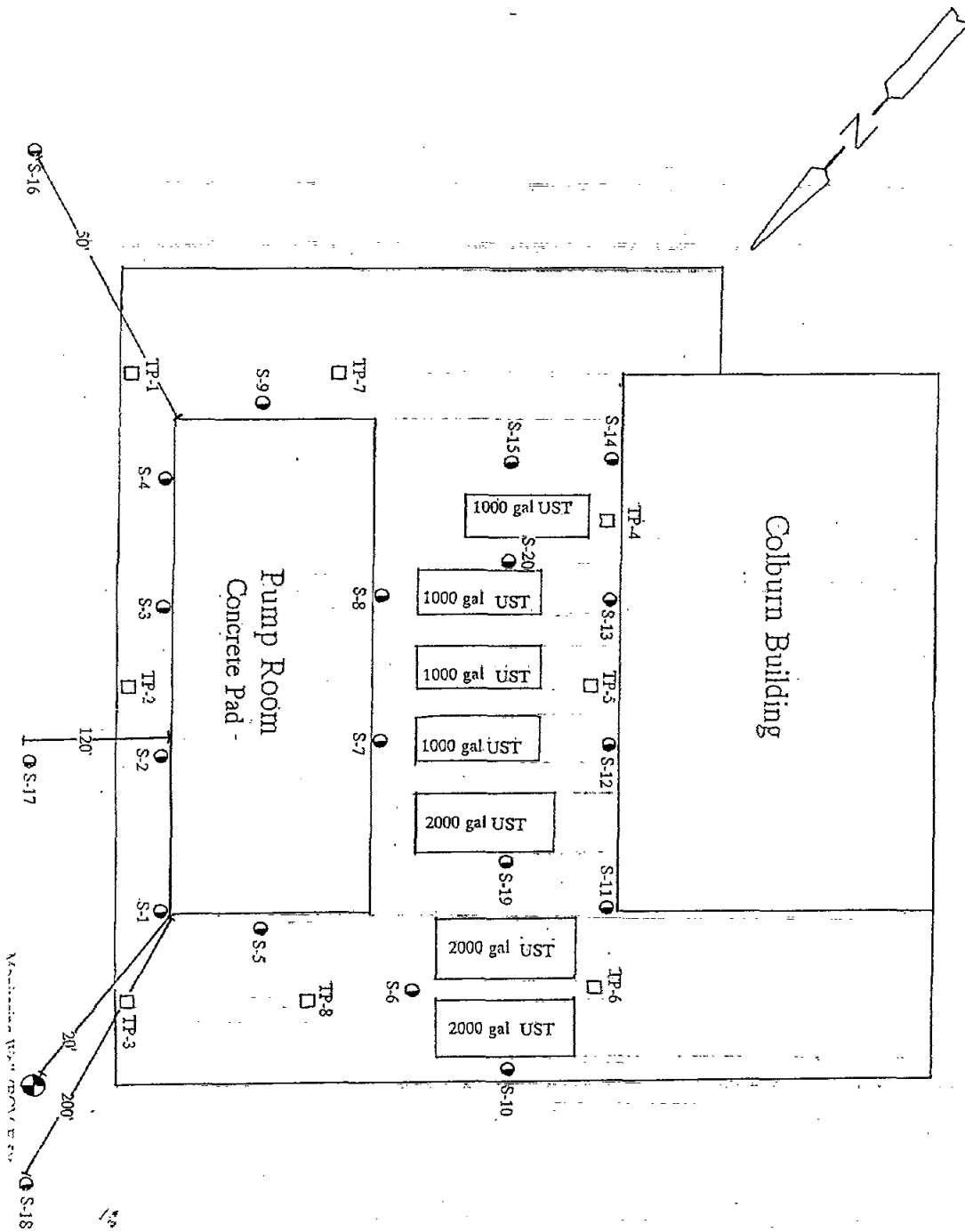
Fischer & Porter Co.  
Warminster, Pennsylvania  
Approximate Scale 1" = 20'  
Figure 3.0




Note 1: The indicated monitoring well FP-5 is being shown here in relation to the Underground Storage Tank remediation zone, conducted by TTI. FP-5 was installed by SCM/BCM to address a groundwater contamination problem which was not associated with the existing Underground Storage Tanks. For more information on the groundwater investigation, please review the SCM/BCM document.

Note 2: The Lithologic log is a description of the subsurface conditions at the greatest depth in the area of soil remediation conducted by TTI following the Underground Storage Tank removal.

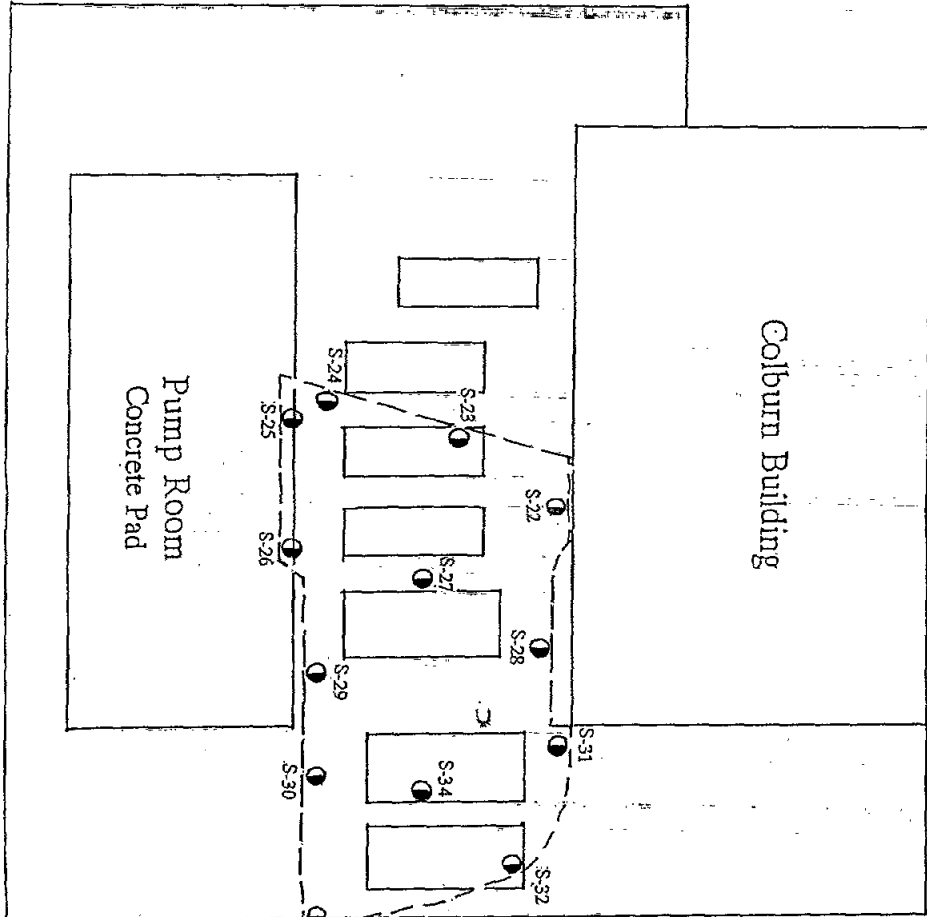
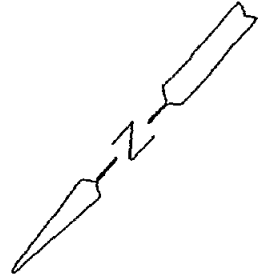
AR300598



\*This monitoring well was installed as part of the TCE groundwater remediation program.

<b>FIGURE 4.0:</b> <b>UST EXCAVATION SAMPLE</b> <b>LOCATION DIAGRAM</b>		<b>FISCHER &amp; PORTER CO.</b> 125 East County Line Road Warminster, Pennsylvania	
 <b>TTI</b> Environmental Consulting A Division of Tank Test, Inc. 4 East Stow Road Marlton, New Jersey 08053 809/985-8800	SCALE 1" = 10'	DRAWN BY T.P.	DATE 09/14/92
	PROJECT 92-318	APP'D BY	DRAWING NO. 4.0

AR300599



\*This monitoring well was installed as part of the TCE groundwater remediation program.  
Monitoring Well (BCM F-5)\*

<b>FIGURE 5.0: REMEDIAL AREA/ SAMPLING DIAGRAM</b>		FISCHER & PORTER CO. 125 East County Line Road Warminster, Pennsylvania	
<b>TTI</b> TTI Environmental Consulting A Division of TankTest, Inc. 4 East Stow Road Marlton, New Jersey 08053 609/985-8800	SCALE 1" = 10'	DRAWN BY T.P.	DATE 09/14/92
	PROJECT 92-318	APPD BY	DRAWING NO. 5.0

AR300600



TTI

APPENDICES

AR300601

TTI

APPENDIX A:

NAC Asbestos Inspection Report

AR300602



NORTHEASTERN ANALYTICAL CORPORATION

INSPECTION, SAMPLING AND ANALYSIS

of the

FISHER & PORTER  
Pump House  
125 East County Line Road  
Warminster, PA

for

ASBESTOS-CONTAINING BUILDING MATERIAL

conducted at the request of

Mr. Kevin McGettigan  
TANK TEST, INC.  
4 E. Stow Road  
Marlton, NJ 08053

Project No. A1-1145-013

February 26, 1992

*Environmental Analysis and Asbestos Services*

Evesham Corporate Center, 4 East Stow Road, Marlton, New Jersey 08053 (609) 985-8000 FAX (609) 985-9700

AR300603



NORTHEASTERN ANALYTICAL CORPORATION

Asbestos Inspection  
Fisher and Porter  
Project No. A1-1145-013  
February 26, 1992  
Page 2 of 23

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B. Sampling and Analysis Methodology	
IV. HOMOGENEOUS MATERIAL LOG .....	7
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VI. NON-ASBESTOS SUMMARY .....	11
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File No.: 8T\TEST\1145-013.A1

AR300604



NORTHEASTERN ANALYTICAL CORPORATION

Asbestos Inspection  
Fisher and Porter  
Project No. A1-1145-013  
February 27, 1992  
Page 3 of 23

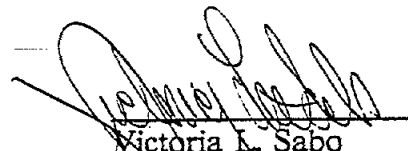
I. EXECUTIVE SUMMARY

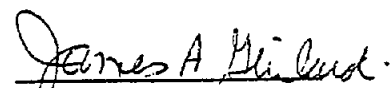
Northeastern Analytical Corporation (NAC) performed an asbestos inspection of the Fisher and Porter Pump House at 125 E. County Line Road in Warminster, PA on February 7, 1992. During the inspection, suspect Asbestos-Containing Building Materials (ACBM) were sampled, and quantified. Laboratory analysis of the suspect materials revealed an asbestos content of greater than one percent (1%) in the following materials:

Material

- Air-cell Pipe Insulation
- Block Pipe Insulation
- Joints Associated With Fiberglass Pipe Insulation

The complete Asbestos Summary by Functional Area can be found in Section V of this report. In addition, the Non-Asbestos Summary by Functional Area is included in Section VI and details the materials that were sampled and found to contain no asbestos.

  
Victoria L. Sabo  
Supervisor - Asbestos Laboratory  
Services

  
James A. Guilardi  
Project Manager

AR300605

Asbestos Inspection  
Fisher and Porter  
Project No. A1-1145-013  
February 27, 1992  
Page 4 of 23

## II. INTRODUCTION

NAC was requested by Mr. Kevin McGettigan of Tank Test, Inc. to conduct a detailed inspection of the Fisher and Porter Pump House located in Warminster, PA prior to demolition of the building. The purpose of the inspection was to locate, sample, and quantify ACMF throughout the building.

The inspection was performed by United States Environmental Protection Agency (USEPA) Accredited Building Inspector, Mr. David Hilinski, who conducted a detailed visual examination of the building for suspect ACMF. This included taking bulk samples, as well as quantifying both friable and non-friable suspect material.

The results, assessments, and conclusions stated in this report are factually representative of the conditions and circumstances we observed in this building on the date of our inspection. We cannot assume responsibility for any change in conditions or circumstances that occurred subsequent to our inspection.

AR300606



Asbestos Inspection  
Fisher and Porter  
Project No. A1-1145-013  
February 26, 1992  
Page 5 of 23

### III. INSPECTION, SAMPLING AND ANALYSIS METHODOLOGY

#### A. Inspection

The inspection was conducted in accordance with the guidelines established by the Asbestos Hazard Emergency Response Act (AHERA), as set forth in 40 CFR Part 763 of October 30, 1987, and provides a framework for addressing asbestos in public and private schools. The AHERA guidelines represent the most up-to-date inspection and sampling protocol available and as such were utilized while inspecting and sampling.

For the purposes of this inspection, suspect ACM has been placed in three material categories: thermal, surfacing and miscellaneous.

Surfacing materials are those that are sprayed-on, trowelled-on or otherwise applied to surfaces.

Thermal materials are those applied to heat pipes or other structural components to prevent heat loss or gain or prevent water condensation. Thermal materials are characterized by their form or composition. For example, block pipe insulation is preformed magnesia and/or fibrous material molded for piping and usually covered with a canvas jacket stitched at the seams. It can be identified as hard to the touch when the jacket is intact or white and fibrous when exposed by a breach in the jacket. Cardboard pipe insulation when exposed from its protective jacket consists of layers of brown or gray cardboard pressed together and is typically found on domestic cold water piping. Air-cell is corrugated gray cardboard in layers, usually preformed for the diameter of the pipe in 2 to 3 foot sections and may have a canvas jacket. The block type pipe insulation is typically used where a high coefficient of insulation is desired or required.

Pipe fitting insulation on pipe runs insulated with fiberglass and which contain asbestos are usually hand molded mud applied to the fitting and may have a canvas wrapping over the material. The newer non-asbestos pipe fitting insulation is typically fiberglass covered with a PVC jacket.

Miscellaneous materials are interior building materials on structural components, structural members or fixtures such as floor and ceiling tiles and does not include surfacing material or thermal system insulation.

AR300607

Asbestos Inspection  
Fisher and Porter  
Project No. A1-1145-013  
February 26, 1992  
Page 6 of 23

### III. INSPECTION, SAMPLING AND ANALYSIS METHODOLOGY

#### A. Inspection (Continued)

Please note that without prior written consent from the client, NAC does not inspect physically inaccessible areas such as between walls, above fixed ceilings, under concrete slabs, etc. Also, certain building materials are not amenable to normal sampling techniques (i.e., bricks, ceramic tile, etc.). This report makes no representations as to the asbestos content of these areas or materials.

#### B. Sampling and Analysis

The USEPA requires that bulk samples of suspect ACBM be collected in a manner sufficient to determine whether this material is ACBM. ACBM is any building material which contains more than 1% asbestos. Generally, for thermal system areas or miscellaneous areas, three bulk samples randomly taken are required to determine that suspected material is not ACBM. Suspect surfacing materials sprayed or troweled on may require up to nine bulk samples, depending on area size, to determine whether the material is ACBM.

Samples were taken in sufficient quantity in each Homogeneous Area to reliably determine the presence of asbestos. Analysis of samples collected in conjunction with this report was conducted by the following method:

Method for the Determination of Asbestos in Bulk Insulation Samples, "40 CFR Chapter I Part 763, Subpart F, Appendix A."

Please note, NAC archives bulk samples analyzed by our laboratory for thirty (30) days after our report is mailed. The samples are disposed of at the end of this period. If requested, samples will be returned provided written notification is received in our office prior to expiration of the thirty (30) day period. A prepaid fee of \$20.00 plus postage will be charged for each group of samples returned.

AR300608





NORTHEASTERN ANALYTICAL CORPORATION

Asbestos Inspection  
Fisher and Porter  
Project No. A1-1145-013  
February 26, 1992  
Page 7 of 23

#### IV. HOMOGENEOUS MATERIAL LOG

The USEPA defines "Homogeneous Areas" as those areas of surfacing, thermal system insulation, or miscellaneous materials which are uniform in color, texture, and assumed to be installed at the same time.

The suspected ACM has been categorized into the following five (5) Homogeneous Areas at the Fisher and Porter Pump House. This assigned ID number can be used for cross-referencing between each section of the report.

AR300609

NAC A1-1145-013  
TankTest Inc.  
Wisher & Porter - Pump House

008

HOMOGENEOUS MATERIALS

NUMBER	MATERIAL NAME
01	Joints assoc. w/fibergls.
02	Outer Pipe Wrap
03	End Cap Insulation
04	Block Pipe Insulation
05	Air-cell Pipe Insulation

AR300610



NORTHEASTERN ANALYTICAL CORPORATION

Asbestos Inspection

Fisher and Porter

Project No. A1-1145-013

February 26, 1992

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V. ASBESTOS SUMMARY

AR300611

TankTest Inc.  
Fisher & Porter - Pump House  
AC A1-1145-013

010

ASBESTOS SUMMARY

Location	Material	Hom ID No.	Amount
Inside Building			
	Air-cell Pipe Insulation	05	75 LIN FT
	Block Pipe Insulation	04	145 LIN FT
	Joints assoc. w/fibergls.	01	55 FITTINGS
Outside Building			
	Joints assoc. w/fibergls.	01	62 FITTINGS

AR300612

Asbestos Inspection

Fisher and Porter

Project No. A1-1145-013

February 26, 1992

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VI. NON-ASBESTOS SUMMARY

AR300613

TankTest Inc.  
Fisher & Porter - Pump House  
NAC A1-1145-013

## NON-ASBESTOS SUMMARY

Page 1

Location	Material	Hom. ID No.	Amount
Inside Building	Outer Pipe Wrap	02	40 LIN FT
Outside Building	End Cap Insulation	03	3 SQ FT
	Outer Pipe Wrap	02	220 LIN FT

AR300614



NORTHEASTERN ANALYTICAL CORPORATION

Asbestos Inspection  
Fisher and Porter  
Project No. A1-1145-013  
February 26, 1992  
Page 13 of 23

VII. MATERIAL REPORTS AND ANALYTICAL DATA

AR300615

MATERIAL REPORT

014

Client: TankTest Inc.  
Facility: Fisher & Porter - Pump House  
Project: NAC A1-1145-013

Date: 02-28-92

Homogeneous material: 01/Joints assoc. w/fibergls.

Contains more than 1% asbestos (Y/N): Y

Locations of material:	
Inside Building	55 FITTINGS
Outside Building	62 FITTINGS
Total Amount:	117 FITTINGS

SAMPLE LOCATIONS

Sample Number	Date	Sample Location
1	02-07-92	Outside Building
2	02-07-92	Inside Building

AR300616



BULK SAMPLE ANALYSIS REPORT

015

<p>HOMOGENOUS MATERIAL NUMBER/DESCRIPTION</p> <p>01 Joints assoc. w/fibergls.</p> <p>PROJECT: NAC A1-1145-013</p> <p>ANALYSIS DATE: 02-10-92</p>	<p>CLIENT: TankTest Inc.</p> <p>FACILITY: Fisher &amp; Porter - Pump House</p>
--	--

ANALYTICAL DATA EXPRESSED IN PERCENT RANGE BY VOLUME

SAMPLE NUMBER	1	2		
A S B E S T O S	1. CHRYSOTILE	55-60	ND	
	2. AMOSITE	ND	ND	
	3. CROCIDOLITE	ND	ND	
N O N A S B E S T O S	4. CELLULOSE	1-2	<1	
	5. FIBERGLASS		20-25	
	6. QUARTZ	<1	1-3	
	7. BINDERS		<1	
	8. CALCITE		<1	
	9. PERLITE			
	10. GYPSUM	BALANCE	BALANCE	
	11. MINERAL WOOL			
	12. MICA			
	13. SYNTHETIC FIBERS			
	14. VERMICULITE			
	15. DIATOMS			
	16. OTHER (SPECIFY)		GLASS BEADS <1	

ANALYSIS BY POLARIZED LIGHT MICROSCOPY WITH DISPERSION STAINING

NO: NONE DETECTED, DETECTION LIMIT: 1% EPA defines Asbestos-Containing

Materials (ACM) as those containing greater than 1% asbestos

NORTHEASTERN ANALYTICAL CORPORATION - Laboratory Accreditation  
 NVLAP LAB Code 1333

Methodology: Interim Method of the Determination of Asbestos in Bulk  
 Insulation Samples, 40CFR Chapter I(1-1-87) Part 763, Subpart F, Appendix A

ANALYST: *[Signature]*

AR300617

MATERIAL REPORT

018

Client: TankTest Inc.  
Facility: Fisher & Porter - Pump House  
Project: NAC A1-1145-013

Date: 02-28-92

Homogeneous material: 02/Outer Pipe Wrap

Contains more than 1% asbestos (Y/N): N

Locations of material:

Inside Building	40	LIN	FT
Outside Building	220	LIN	FT
Total Amount:	260	LIN	FT

SAMPLE LOCATIONS

Sample Number	Date	Sample Location
3	02-07-92	Outside Building
4	02-07-92	Inside Building

AR300618

BULK SAMPLE ANALYSIS REPORT

HOMOGENOUS MATERIAL NUMBER/DESCRIPTION

02 Outer Pipe Wrap

CLIENT

TankTest Inc.

PROJECT

NAC A1-1145-013

ANALYSIS DATE

02-10-92

FACILITY

Fisher & Porter - Pump House

ANALYTICAL DATA EXPRESSED IN PERCENT RANGE BY VOLUME

SAMPLE NUMBER		3	4		
A S B E S T O S	1. CHRYSOTILE	<1	ND		
	2. AMOSITE	ND	ND		
	3. CROCIDOLITE	ND	ND		
N O N A S B E S T O S	4. CELLULOSE	25-30	55-60		
	5. FIBERGLASS		2-4		
	6. QUARTZ	1-3			
	7. BINDERS	BALANCE	BALANCE		
	8. CALCITE	2-4			
	9. PERLITE				
	10. GYPSUM				
	11. MINERAL WOOL				
	12. MICA				
	13. SYNTHETIC FIBERS		30-35		
	14. VERMICULITE				
	15. DIATOMS				
	16. OTHER (SPECIFY)				

ANALYSIS BY POLARIZED LIGHT MICROSCOPY WITH DISPERSION STAINING

ND: NONE DETECTED, DETECTION LIMIT: 1% EPA defines Asbestos-Containing

Materials (ACM) as those containing greater than 1% asbestos

NORTHEASTERN ANALYTICAL CORPORATION - Laboratory Accreditation  
NVLAP LAB Code 1333

Methodology: Interim Method of the Determination of Asbestos in Bulk

Insulation Samples, 29CFR Chapter I(1-1-87) Part 763, Subpart F, Appendix A

ANALYST:

*[Handwritten Signature]*

AR300619

MATERIAL REPORT

018

Client: TankTest Inc.  
Facility: Fisher & Porter - Pump House  
Project: NAC A1-1145-013

Date: 02-28-92

Homogeneous material: 03/End Cap Insulation

Contains more than 1% asbestos (Y/N): N

Locations of material:  
Outside Building 3 SQ FT  
Total Amount: 3 SQ FT

SAMPLE LOCATIONS

Sample Number	Date	Sample Location
5	02-07-92	Outside Building - Heat exchanger with pressure

AR300620

BULK SAMPLE ANALYSIS REPORT

U18

HOMOGENOUS MATERIAL NUMBER/DESCRIPTION		CLIENT	
03	End Cap Insulation	TankTest Inc.	
PROJECT	ANALYSIS DATE	FACILITY	
NAC A1-1145-013	02-10-92	Fisher & Porter - Pump House	

ANALYTICAL DATA EXPRESSED IN PERCENT RANGE BY VOLUME

SAMPLE NUMBER		5			
A S B E S T O S	1. CHRYSOTILE	ND			
	2. AMOSITE	ND			
	3. CROCIDOLITE	ND			
N O N A S B E S T O S	4. CELLULOSE	<1			
	5. FIBERGLASS	25-30			
	6. QUARTZ	1-3			
	7. BINDERS	<1			
	8. CALCITE	1-3			
	9. PERLITE				
	10. GYPSUM	BALANCE			
	11. MINERAL WOOL				
	12. MICA				
	13. SYNTHETIC FIBERS				
	14. VERMICULITE				
	15. DIATOMS				
	16. OTHER (SPECIFY)	GLASS BEADS <1			

ANALYSIS BY POLARIZED LIGHT MICROSCOPY WITH DISPERSION STAINING

ND: NONE DETECTED, DETECTION LIMIT: 1% EPA defines Asbestos-Containing Materials (ACM) as those containing greater than 1% asbestos

NORTHEASTERN ANALYTICAL CORPORATION - Laboratory Accreditation  
NVLAP LAB Code 1333

Methodology: Interim Method of the Determination of Asbestos in Bulk Insulation Samples, 40CFR Chapter 191-1-87) Part 763, Subpart F, Appendix A

ANALYST: 

AR300621

MATERIAL REPORT

020

Client: TankTest Inc.  
Facility: Fisher & Porter - Pump House  
Project: NAC A1-1145-013

Date: 02-28-92

Homogeneous material: 04/Block Pipe Insulation

Contains more than 1% asbestos (Y/N): Y

Locations of material:  
Inside Building 145 LIN FT  
Total Amount: 145 LIN FT

SAMPLE LOCATIONS

Sample Number	Date	Sample Location
6	02-07-92	Inside Building

AR300622

BULK SAMPLE ANALYSIS REPORT

HOMOGENOUS MATERIAL  
NUMBER/DESCRIPTION

04 Block Pipe Insulation

PROJECT ANALYSIS DATE

NAC A1-1145-013

02-10-92

CLIENT

TankTest Inc.

FACILITY

Fisher & Porter - Pump House

ANALYTICAL DATA EXPRESSED IN PERCENT RANGE BY VOLUME

SAMPLE NUMBER		6		
A S B E S T O S	1. CHRYSOTILE	<1		
	2. AMOSITE	20-25		
	3. CROCIDOLITE	ND		
N O N A S B E S T O S	4. CELLULOSE	<1		
	5. FIBERGLASS	<1		
	6. QUARTZ	<1		
	7. BINDERS	<		
	8. CALCITE	<1		
	9. PERLITE			
	10. GYPSUM	BALANCE		
	11. MINERAL WOOL			
	12. MICA			
	13. SYNTHETIC FIBERS			
	14. VERMICULITE			
	15. DIATOMS			
	16. OTHER (SPECIFY)			

ANALYSIS BY POLARIZED LIGHT MICROSCOPY WITH DISPERSION STAINING

ND: NONE DETECTED, DETECTION LIMIT: 1% EPA defines Asbestos-Containing

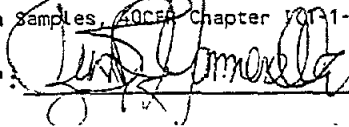
Materials (ACM) as those containing greater than 1% asbestos

NORTHEASTERN ANALYTICAL CORPORATION - Laboratory Accreditation  
NVLAP LAB Code 1333

Methodology: Interim Method of the Determination of Asbestos in Bulk

Insulation Samples, NIOSH Chapter (01-1-87) Part 763, Subpart F, Appendix A

ANALYST:



AR300623

MATERIAL REPORT

022

Client: TankTest Inc.  
Facility: Fisher & Porter - Pump House  
Project: NAC A1-1145-013

Date: 02-28-92

Homogeneous material: 05/Air-cell Pipe Insulation

Contains more than 1% asbestos (Y/N): Y

Locations of material:  
Inside Building 75 LIN FT  
Total Amount: 75 LIN FT

SAMPLE LOCATIONS

Sample Number	Date	Sample Location
07	02-07-92	Inside Building

AR300624



BULK SAMPLE ANALYSIS REPORT

5407

HOMOGENOUS MATERIAL NUMBER/DESCRIPTION		CLIENT	
05	Air-cell Pipe Insulation	TankTest Inc.	
PROJECT	ANALYSIS DATE	FACILITY	
NAC A1-1145-013	02-10-92	Fisher & Porter - Pump House	

ANALYTICAL DATA EXPRESSED IN PERCENT RANGE BY VOLUME

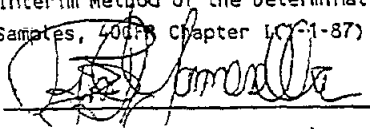
SAMPLE NUMBER		7		
A S B E S T O S	1. CHRYSOTILE	40-45		
	2. AMOSITE	ND		
	3. CROCIDOLITE	ND		
N O N A S B E S T O S	4. CELLULOSE	50-53		
	5. FIBERGLASS			
	6. QUARTZ	<1		
	7. BINDERS	BALANCE		
	8. CALCITE			
	9. PERLITE			
	10. GYPSUM			
	11. MINERAL WOOL			
	12. MICA			
	13. SYNTHETIC FIBERS			
	14. VERMICULITE			
	15. DIATOMS			
	16. OTHER (SPECIFY)			

ANALYSIS BY POLARIZED LIGHT MICROSCOPY WITH DISPERSION STAINING  
 ND: NONE DETECTED, DETECTION LIMIT: 1% EPA defines Asbestos-Containing Materials (ACM) as those containing greater than 1% asbestos

NORTHEASTERN ANALYTICAL CORPORATION - Laboratory Accreditation  
 NVLAP LAB Code 1333

Methodology: Interim Method of the Determination of Asbestos in Bulk  
 Insulation Samples, 40 CFR Chapter I, (1-87) Part 763, Subpart F, Appendix A

ANALYST:



AR300625

TTI

APPENDIX B:

**PADER UST Registration/Removal Notification**

AR300626

**TANK MANAGEMENT SERVICES**  
**ENVIRONMENTAL CONSULTING**

February 11, 1992

Pennsylvania Department of Environmental Resources  
Bureau of Water Quality  
Lee Park  
555 North Lane  
Conshohocken, PA 19428

Re: Fischer & Porter, Inc.  
125 East County Line Road  
Warminster, Bucks County, PA 18974  
Facility ID Number

To Whom It May Concern:

TankTest, Inc. hereby gives notice of the intent to remove the following tanks at the captioned facility within the next thirty (30) days.

Tank Registration Numbers 008, 009, 010, 011, 012, 013 and 014.

Should you have any further questions or require any additional information, please do not hesitate to contact me.

Sincerely your,  
TankTest, Inc.

Tom Gallagher  
Assistant Operations Manager

TG/bc

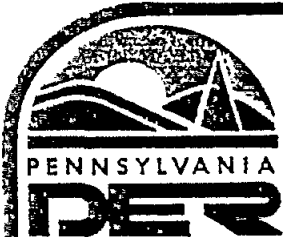
CC: Pennsylvania State Fire Marshall Division  
1800 Elmerton Avenue  
Harrisburg, PA 17110

TOM\DER

Sound Environmental Solutions

Evesham Corporate Center • 4 East Stow Road • Marlton, New Jersey 08053  
TEL (609) 985-8800 • FAX (609) 985-9200  
Divisions of TankTest Incorporated

AR300627



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
Field Operations - Water Quality Management  
Lee Park - Suite 6010  
555 North Lane  
Conshohocken, PA 19428  
(215) 832-6130

February 12, 1992

Fischer & Porter Company  
125 E. County Line Road  
Warminster PA 18974

Re: Storage Tank Registration  
Facility ID # 09-45328  
Bucks  
Warminster

Dear Tank Owner:

This is to acknowledge receipt of your check # 324732 & 324733 in the amount of \$ 700 & \$350 for payment of registration fees for 7 UST's at the above referenced facility.

This is your closure registration certificate for storage tank(s) regulated under the Pennsylvania Storage Tank and Spill Prevention Act. You have registered said underground storage tank(s) for the purposes of removing the tank(s) in accordance with the Act, and no permanent certificate or stickers will be issued by the Department. A copy of this letter and your registration form should be provided to the certified installer conducting the removal/closure of your storage tank(s). Additional fees may be required if the tank(s) is/are not removed/closed before NOVEMBER 4, 1992.

It will be necessary to complete a closure report containing the site assessment data and submit this report to us within two (2) months of the removal/closure. If contamination is found, additional remediation work may be necessary and you may need to retain a consultant to do this work for you.

If there are any errors or omissions in this interim storage tank registration certificate, please contact me as soon as possible at the address/phone number above.

Very truly yours,  
*Cynthia L. Blake*  
CYNTHIA L. BLAKE  
Administrative Assistant

Enclosures

Re

Recycled Paper 

AR300628

Initial

REGISTRATION OF STORAGE TANKS

89-90

STATE USE ONLY

DATE RECEIVED FEB. 12 1992

AMOUNT RECEIVED 3.00

INSTRUCTIONS

Read type or print in ink all items except "Signature" in Section V. This form is to be completed for each FACILITY which has regulated storage tanks...

Section I. Owner Information - Name, business mailing address and phone number of OWNER of the storage tank(s) at the facility. Please include county and Federal Identification Number, if any include your Social Security Number.

Section II. Type of Owner - Mark the appropriate box.

Section III. Facility Information - Name and physical location (not P.O. Box) of FACILITY. Please include county and township in which FACILITY is located. Include the Facility Identification No. if known.

Section IV. Type of Facility - Mark the appropriate box, if applicable.

Section V. Description of Storage Tanks - This section is for recording information about each regulated storage tank at the facility. Information about underground tanks is to be recorded in Part A. Information for underground tanks is to be recorded in Part B.

- 1. Tank Registration Number - The registration numbers to be recorded for underground tanks are "001", "002", "003", etc. The registration numbers to be recorded for aboveground tanks are "001A", "002A", "003A", etc. The "A" has already been printed on the form for your convenience.
2. Status - Indicate whether the tank is currently in use, temporarily out of use, or permanently out of use. Permanently out of use must properly closed in place with an inert solid material. Do not include tanks which have been removed.
3. Date of Installation - Specify the month and year the tank was completely installed. For instance, "0180", for January, 1980. If unknown, write "0000".
4. Capacity - Specify the total design or maximum capacity of the tank in GALLONS. If unknown, write "unknown".
5. Substance Currently or Last Stored - Indicate the substance(s), currently or last stored. If a hazardous substance, please indicate CERCLIS Name and CAS Number. If other is indicated, please specify.
6. Tank Has Been Issued Fire Safety Approval or Permit - Indicate whether the tank has been approved or permitted by the Pennsylvania State Police, Fire Marshal Division, or local agency under their jurisdiction for fire safety.
7. Registration Fee - Determine registration fee due PER TANK as indicated below. A registration fee is NOT required for tanks permanently out of use.

- A. Aboveground Tanks
1. Up to and including 5,000 gallons - \$50 per tank
2. 5,001 to and including 50,000 gallons - \$125 per tank
3. Greater than 50,000 gallons - \$300 per tank
B. Underground Tanks - \$50 per tank

Record the total registration fee due for all aboveground tanks in the space provided (A). Record the total registration fee due for all underground tanks in the space provided (B). Record the total registration fee due for all aboveground and underground tanks in the space provided (A + B). Submit a check or money order, for the total registration fee due, made payable to: Dept. of Environmental Resources.

Section VI. Certification - This section is to be completed by the OWNER. Please type or print the name and official title of the OWNER. The OWNER must also sign and record the date the application was examined.

Section VII. Nameplate Information - Complete this section for each aboveground tank greater than 5,000 gallon capacity. Use the same Tank Registration Number as identified in Section VI.

PLEASE SEND COMPLETED ORIGINAL FORM AND CHECK TO: PA Department of Environmental Resources, Bureau of Water Quality Management, Registration of Storage Tanks (and the appropriate address below, depending on where your FACILITY is located)

Table with 6 columns listing different mailing addresses for registration based on county location. Columns include address, county, and list of counties served.

I. OWNER INFORMATION
Owner Name: Fischer & Porter
Tax Identification No.: EIN 43-53823-6582516
Mailing Address: 125 E. County Line Rd
City: Warrminster Pa Zip: 18974
County: Berks Phone No: 215 674 6789

III. FACILITY INFORMATION
Facility Name: Sante
Facility Identification No.: 04-45328
City: State: PA Zip:
County: Township:

II. TYPE OF OWNER (Mark only one)
[ ] Federal Government
[ ] State Government
[ ] Local Government
[ ] Corporate
[ ] Private

IV. TYPE OF FACILITY (Mark only one, if applicable)
[ ] Farm
[ ] Municipal
[ ] Residential

AR300629



Renewal

REGISTRATION OF STORAGE TANKS 90-91/91-92

STATE USE ONLY

DATE RECEIVED FEB 12 1992

AMOUNT PAID 700- (for 2 yrs.)

NOTE: WITH ELECTRONIC TAG AND TAG OF THE STORAGE TANK AND SPECIAL FACTSHEET ACT. STORAGE TAGS MUST BE REGISTERED TO STORAGE FROM TANKS WITH THE DEPARTMENT AND TO PAY A REGISTRATION FEE.

INSTRUCTIONS

- Type or print in ink all items except "Signature" in Section V. This form is to be completed for each FACILITY which has regulated storage tanks.
- Owner Information - Name, business mailing address and phone number of OWNER of the storage tank(s) at the facility. Please include county and Federal Identification Number, if none include your Social Security Number.
- Type of Owner - Mark the appropriate box.
- Facility Information - Name and physical location (not P.O. Box) of FACILITY. Please include county and township in which FACILITY is located. Include the Facility Identification No. if known.
- Type of Facility - Mark the appropriate box, if applicable.
- Description of Storage Tanks - This section is for recording information about each regulated storage tank at the facility. Information aboveground tanks is to be recorded in Part A. Information for underground tanks is to be recorded in Part B.
  - Tank Registration Number - The registration numbers to be recorded for underground tanks are "001", "002", "003", etc. The registration numbers to be recorded for aboveground tanks are "001A", "002A", "003A", etc. The "A" has already been printed on the form for your convenience.
  - Status - Indicate whether the tank is currently in use, temporarily out of use, or permanently out of use. Permanently out of use may properly closed in place with an inert solid material. Do not include tanks which have been removed.
  - Date of Installation - Specify the month and year the tank was completely installed. For instance, "0180", for January, 1980. If unknown, write "0000".
  - Capacity - Specify the total design or maximum capacity of the tank in GALLONS. If unknown, write "unknown".
  - Substance Currently or Last Stored - Indicate the substance(s), currently or last stored. If a hazardous substance, please indicate CERC Name and CAS Number. If Other is indicated, please specify.
  - Tank Has Been Issued Fire Safety Approval or Permit - Indicate whether the tank has been approved or permitted by the Pennsylvania State Police, Fire Marshal Division; or local agency under their jurisdiction for fire safety.
  - Registration Fee - Determine registration fee due PER TANK as indicated below. A registration fee is NOT required for tanks permanent out of use.
    - A. Aboveground tanks
      - Up to and including 5,000 gallons - \$80 per tank
      - 5,001 to and including 50,000 gallons - \$125 per tank
      - Greater than 50,000 gallons - \$300 per tank
    - B. Underground Tanks - \$50 per tank

SEND COMPLETED ORIGINAL FORM AND CHECK TO: PA Department of Environmental Resources, Bureau of Water Quality Management, Registration of Storage Tanks, and the appropriate address below, depending on where your FACILITY is located.

171 1st 1st 1st 1st 1st	1012 Water Street Harrisburg, PA 17103	One Arnot Blvd. Harrisburg, PA 17110	300 Pine Street Wilmington, PA 19701	Highland Bldg. - 4th Floor 121 South Highland Blvd Pittsburgh, PA 15208	1012 Water Street Harrisburg, PA 17103
--	---	---	---	---	---

**I. OWNER INFORMATION**

Owner Name: Fischer & Porter  
 Telephone No: 717-233-0582  
 Mailing Address: 125 E. County Line Rd  
 City: Warminster State: Pa Zip: 18974  
 County: Bucks Phone No: 215-674-6789

**III. FACILITY INFORMATION**

Facility Name: Saint  
 Facility Identification No: 09-45328  
 Street Address (P.O. Box Not acceptable): \_\_\_\_\_  
 City: \_\_\_\_\_ State: PA Zip: \_\_\_\_\_  
 County: \_\_\_\_\_ Township: Warminster

**II. TYPE OF OWNER (Mark only one)**

Federal Government  
 State Government  
 Local Government  
 Corporate  
 Private

**IV. TYPE OF FACILITY (Mark only one, if applicable)**

Farm  
 Municipal  
 Residential

Register To Remove

AR300631

V. DESCRIPTION OF STORAGE TANKS (Complete for each regulated storage tank at this location)

ABOVEGROUND TANKS

TANK REGISTRATION NUMBER	STATUS	DATE OF INSTALLATION MO	DATE OF INSTALLATION YR	CAPACITY (GALLONS)	SUBSTANCE (CURRENTLY OR LAST STORED)	SERIAL NAME AND CAS NUMBER	OTHER SUBSTANCE NAME	REGISTRATION FEE	STATE USE ONLY
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
	A								
<b>TOTAL ABOVEGROUND TANK FEE (A)</b>									

UNDERGROUND TANKS

TANK REGISTRATION NUMBER	STATUS	DATE OF INSTALLATION MO	DATE OF INSTALLATION YR	CAPACITY (GALLONS)	SUBSTANCE (CURRENTLY OR LAST STORED)	SERIAL NAME AND CAS NUMBER	OTHER SUBSTANCE NAME	REGISTRATION FEE	STATE USE ONLY
0015	T	1	0	5	9			50	50
002	T	1	0	5	9			50	50
003	T	1	0	5	9			50	50
004	T	1	0	5	9			50	50
005	T	1	0	5	9			50	50
006	T	1	0	5	9			50	50
007	T	1	0	5	9			50	50
<b>TOTAL UNDERGROUND TANK FEE (B)</b>								350	350-

350-42 for 90-91/91-92

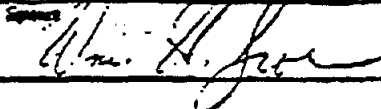
**TOTAL ABOVEGROUND & UNDERGROUND TANK FEE (A+B)** 350 350-\*

KEY FOR COMPLETION OF SECTION V.

<p>Status</p> <p>C Currently in Use</p> <p>T Temporarily Out of Use</p> <p>O Permanently Out of Use</p>	<p>Substance - Currently or Last Stored</p> <p>A Gasoline</p> <p>B Diesel</p> <p>C Gasohol</p> <p>D Kerosene</p> <p>E Heating Oil</p> <p>F New Motor Oil</p>	<p>Fire Safety Permit</p> <p>G Used Motor Oil</p> <p>H Aviation</p> <p>I Hazardous Substance</p> <p>J Other <u>Refined Petroleum</u></p> <p>K Unknown Mixture</p> <p>L</p>
---	--	--

VI. CERTIFICATION (Read and Sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is accurate, and complete. This registration is conditioned upon compliance with provisions of the Storage Tank and Spill Prevention Act, with regulations and orders issued pursuant to this Act, and with the requirements for obtaining a permit required under this Act.

Name and Address of Owner: <u>Fischer &amp; Porter</u>	Signature: 	Date Signed: <u>7 FEB 92</u>
---	---	---------------------------------

AR300632



TTI

APPENDIX C:

Building Permit

AR300633

TOWNSHIP OF WARMINSTER  
HENRY & GIBSON AVES.  
WARMINSTER, PA 18974

# BUILDING PERMIT

APPLICANT COPY

THIS PERMIT NOT VALID UNLESS  
PROPERLY RECEIVED BY CASHIER

DATE February 12 19 92 PERMIT NO. 16293

APPLICANT Tank Test Inc. ADDRESS 4 East Stow Road, Marlton, NJ 08053

PERMIT TO Remove 7 UST's and associated piping

AT (LOCATION) Fisher & Porter Inc. 125 E. County Line Rd.

BETWEEN (CROSS STREET) AND (CROSS STREET)

SUBDIVISION LOT SIZE BLUOCK

BUILDING IS TO BE FT. WIDE BY FT. LONG BY FT. IN HEIGHT AND SHALL CONFORM IN CONSTRUCTION

TO TYPE USE GROUP BASEMENT WALLS OR FOUNDATION

REMARKS: Need DER or EPA soil test. Must notify Fire Marshall's office at removal time.

AREA OR VOLUME (CUBIC/SQUARE FEET) ESTIMATED COST \$ 40,000.00 PERMIT FEE \$ 1075.00

OWNER Fisher & Porter Inc.  
ADDRESS 125 E. County Line Rd.

BUILDING DEPT. BY [Signature]

FORM NO. BOCA - BP 1969

AR300634

TTI

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APPENDIX D:

NAC Asbestos Project Report

AR300635



NORTHEASTERN ANALYTICAL CORPORATION

PROJECT REPORT

on the

INSPECTIONS, ON-SITE SUPERVISION AND AIR MONITORING

for the

ASBESTOS ABATEMENT PROJECT

conducted on

February 25, 1992

at the

FISHER AND PORTER  
Pump House  
County Line Road  
Warminster, PA 18974

for

Mr. Kevin McGettigan  
TANK TEST, INC.  
4 E. Stow Road  
Marlton, NJ 08053

Project No. A1-1145-015

March 2, 1992

*Environmental Analysis and Asbestos Services*

Evesham Corporate Center, 4 East Stow Road, Marlton, New Jersey 08053 (609) 985-8000 FAX (609) 985-9700

AR300636



NORTHEASTERN ANALYTICAL CORPORATION

Inspections, On-Site Supervision  
and Air Monitoring  
Fisher & Porter  
Project No. A1-1145-015  
March 2, 1992  
Page 2 of 9

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II. INTRODUCTION .....	4
III. AIR SAMPLING DATA AND ANALYTICAL RESULTS .....	5
IV. DAILY INSPECTION REPORTS .....	7

File: 8T\TEST\1145-015.A1

AR300637



NORTHEASTERN ANALYTICAL CORPORATION

Inspections, On-Site Supervision  
and Air Monitoring

Fisher & Porter

Project No. A1-1145-015

March 2, 1992

Page 3 of 9

## I. SUMMARY AND CONCLUSIONS

The asbestos abatement project was conducted by Diversified Contracting Co., Inc. on February 25, 1992. Northeastern Analytical Corporation (NAC) discharged its responsibilities in accordance with the project requirements and as briefly described in the Introduction.

The Asbestos Field Technician conducted a final inspection in the work area for visible asbestos material on February 25, 1992. The work area was found to be free of visible white material and in compliance with the project requirements.

Final air sampling results compared favorably to the project post-abatement limit of 0.01 fibers per cubic centimeter (f/cc) as analyzed by Phase Contrast Microscopy (PCM).

Airborne asbestos sampling data, PCM analysis results and daily inspection reports are included in the next sections to document adherence to the project requirements during the abatement project.

Please note that NAC archives PCM filters analyzed by our laboratory. The PCM filters are stored for a period of thirty (30) days after our report is mailed. The filters are disposed of at the end of their archiving period. If requested, filters will be returned provided written notification is received in our office prior to expiration of their archiving period. A prepaid fee of \$20.00 plus postage will be charged for each group of filters returned.

Craig P. Wilson  
Supervisor - Asbestos Field Services

Victoria L. Sabo  
Supervisor - Asbestos Laboratory Services

AR300638



NORTHEASTERN ANALYTICAL CORPORATION

Inspections, On-Site Supervision  
and Air Monitoring  
Fisher & Porter  
Project No. A1-1145-015  
March 2, 1992  
Page 4 of 9

## II. INTRODUCTION

The asbestos abatement project at the Fisher and Porter Pump House requires the services of an Air Monitoring Firm to provide an Asbestos Field Technician to monitor various aspects of the abatement project on behalf of the owner.

At the request of Mr. Kevin McGettigan of Tank Test, Inc., NAC was retained as the Air Monitoring Firm for the above referenced project to conduct the following:

- Provide an Asbestos Field Technician to serve as on-site supervisor to ensure that the contractor adheres to project requirements.
- Conduct periodic airborne asbestos monitoring during the project in accordance with project requirements. Analysis was conducted per National Institute of Occupational Safety and Health (NIOSH) Method 7400 using PCM techniques. The PCM results were to be compared with the project limit of 0.01 f/cc.

AR300639



NORTHEASTERN ANALYTICAL CORPORATION

Inspections, On-Site Supervision  
and Air Monitoring

Fisher & Porter

Project No. A1-1145-015

March 2, 1992

Page 5 of 9

### III. AIR SAMPLING DATA AND ANALYTICAL RESULTS

AR300640





NORTHEASTERN ANALYTICAL CORPORATION

# SAFETY DATA SHEET OF JUST BY RECORD

TEM

(Circle One)

PCM

PROJECT #: A1 115-005 CLIENT: Tank Test, Inc. FACILITY: Fishen and Pond Ter, Pa.  
 CONTACT: PM: J.G. SAMPLING DATE: 2/25/12

Sample #	Pump #	Sample Location	Times			Flow Rate			Total Volume	Fiber Count (fibers/field)	Fiber Density (f/mm <sup>2</sup> )	Fiber Concentration (fibers/cc)
			start	stop	total	Initial	final	average				
01	4	FINALS - BASEMENT WORK AREA	2015	2130	75	10.00	10.00	10.00	750	4500	5.73	7.00
02		Field Blank										
03		Field Blank										

Received by: (Signature) *[Signature]* Date: 2/25/12 Time: 1000  
 Analyt (Signature) *[Signature]* Date: 2/25/12 Time: 1000  
 Company: GIVE RESULT TO CHRIS PURVIS!!  
 Filler Manufacturer: Exxincorp  
 Lot #: 1391-24  
 Air  Wipe \_\_\_\_\_  
 Bulk \_\_\_\_\_ Water \_\_\_\_\_

AR300641



NORTHEASTERN ANALYTICAL CORPORATION

Inspections, On-Site Supervision  
and Air Monitoring

Fisher & Porter

Project No. A1-1145-015

March 2, 1992

Page 7 of 9

IV. DAILY INSPECTION REPORTS

AR300642



ADDITIONAL COMMENT PAGE  
FOR  
ASBESTOS SAFETY TECHNICIAN  
DAILY INSPECTION REPORT

DATE: 2/25/92  
PAGE 1 OF 1

NAC# \_\_\_\_\_

0700 - David Hilinski, AST for NAC, arrives on site.

0730 - No sign of contractor yet.

0800 - I call Jim Guilardi, PM for NAC, to find out if job is on. He says workers are on their way.

0805 - Tank Test, Inc, arrives on site to pump out water from basement of building.

0945 - Workers arrive on site. Only one worker has a PA permit. I refuse to let them work.

1100 - Sam Sanders, Diversified Pres., arrives on site. He says more licensed workers are on the way. Meanwhile, the one permitted worker is popping out outside elbows.

1225 - No additional permitted workers have arrived on site yet. Worker is not taking lunch today.

1400 - One more worker arrives on job site. Worker has <sup>valid</sup> PA permit.

1600 - Outside glove bag removal completed. ACM waste is double-bagged and loaded onto <sup>a</sup> registered truck.

1745 - Basement work area 50% complete.

1850 - Inspection of work area. Removal is 75% complete.

1935 - Removal of bulk ACM complete. workers fine cleaning and bagging out.

2045 - Workers leave job site for the day.

2130 - David Hilinski leaves job site for the day.

*David Hilinski*  
# 000453  
2/25/92  
AR300644

TTI

APPENDIX E:

UST Cleaning and Residual  
Waste Disposal Documentation

AR300645

# INVOICE

## PITCGO PRICKETT'S INDUSTRIAL TANK CLEANING CORP.

1940 HARRIS DR.  
DEPTFORD, NJ 08098  
(609) 228-1071 • FAX (609) 228-1359

3/24/92

12318

Tank Test Inc.  
4 East Stow Rd.  
Marlton, N.J. 08053

SHIPPED TO  
Eischer-Porter Inc.  
125 E. County Line Rd.  
Warminster, Pa. 28974

985-8800

Job # 2030

INVOICE DATE	DATE SHIPPED	OUR ORDER NO.	YOUR ORDER NO.	TERMS	F.O.B.	SALESPERSON	SHIPPED VIA
				Due upon receipt			
QUANTITY	DESCRIPTION					PRICE	AMOUNT
3/5/92	Supplied labor and equipment to clean 1-3000 gallon tank and pump room and pumped three (3) drums of oil.....						
	PCB test.....						
	Disposal charge for 1200 gallons.....						
3/13/92	Cleaning of 2-2000 gallon and 4-1000 gallons fuel storage tanks.....6 tanks						
	3/5/92 pump room and drums.....						
BALANCES UNPAID AFTER 30 DAYS FROM DATE OF INVOICE ARE SUBJECT TO A SERVICE CHARGE OF 1.5% PER MONTH.							

FORM 1414, RAPIDFORM, INC., THROCKMOR, NJ 08088

THANK YOU

AR300646



State of New Jersey  
Department of Environmental Protection  
Division of Hazardous Waste Management  
Manifest Section  
CN 028, Trenton, NJ 08625

JOB#2030

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

In case of an emergency or spill, immediately call the state hazardous waste emergency response center at 1-800-452-3030. For information on the N.J. Dept. of Environmental Protection, call 1-800-292-5560 (Day) or 1-800-292-7172 (Night).

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. NJ1J1D101711415141217161718131513		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Prickett's Industrial Tank Cleaning Corp. 1940 Harris Dr., Deptford, N.J. 08096						A. State Manifest Document Number <b>NJA 1378353</b>							
4. Generator's Phone ( 609-228-1071 )						B. State Generator's ID Fischer-Porter Inc.							
5. Transporter 1 Company Name Prickett's Industrial Tank Cng Corp						6. US EPA ID Number NJ1J1D10171141514121716							
7. Transporter 2 Company Name						8. US EPA ID Number							
9. Designated Facility Name and Site Address Prickett's Industrial Tank Cleaning Corp. 1940 Harris Dr. Deptford, N.J. 08096						10. US EPA ID Number NJ1J1D10171141514121716							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HM						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. X Fuel OIL, N.O.S. Combustible liquid NA 1993 (Contains #2 Fuel Oil)						0, 0, 1 T, T		01/21010		G X		7 2 2	
b.													
c.													
d.													
J. Additional Descriptions for Materials Listed Above L, & T #2 Fueloil @ 20% Water 80%						K. Handling Codes for Wastes Listed Above a. S 0 2 c.							
15. Special Handling Instructions and Additional Information Hazardous waste in New Jersey, but not according to USEPA 24 Hour emergency phone # 609-228-1071 Emergency response Guide # 27 Pennsylvania Hauler registration #PA-AH-0202.						16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name Raymond E. Martin Jr.						Signature <i>R.E. Martin Jr.</i>		Month Day Year 10 31 05 1992					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>Robert Springer</i>						Signature <i>Robert Springer</i>		Month Day Year 10 31 05 1992					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name						Signature		Month Day Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Raymond E. Martin Jr.						Signature <i>R.E. Martin Jr.</i>		Month Day Year 10 30 05 1992					

NJA 1378353

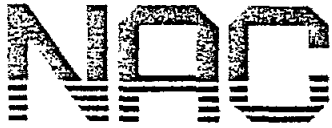
TTI

APPENDIX F:

NAC Test Report Nos. 92L-0982, 92L-1003 and 92L-1048

AR300648





Northeastern Analytical Corp.

March 27, 1992

TankTest, Inc.  
4 East Stow Road, Unit 1  
Marlton, New Jersey 08053

Attention: Mr. Richard Schneidereit, Project Manager

Reference: Test Report No. NAC92L-0982  
Project: Fischer & Porter  
P.O. #3083

This test report covers the analysis of twenty-one (21) soil samples submitted to Northeastern Analytical Corporation (NAC) on March 16, 1992. The following analyses were performed on selected samples:

- Volatile Organics
- Petroleum Hydrocarbons

The report is organized as follows:

- Methodology
- Analytical Results

If you have any questions concerning this analysis, please do not hesitate to contact your account representative.

Respectfully submitted,

Northeastern Analytical Corp.  
New Jersey Certification No. 03117

Paul P. Painter  
Laboratory Director

cj  
Attachment: Chain of Custody (2)  
File: 21L\TTI\92L-0982



NORTHEASTERN ANALYTICAL CORPORATION

TankTest, Inc.

Test Report No. NAC92L-0982

March 27, 1992

Page 2 of 10

I. METHODOLOGY

- EPA Methods for the Chemical Analysis of Water and Wastes, Revised, March, 1983.
- Test Methods for Evaluating Solid Waste, SW846, 3rd Edition, November, 1986.

AR300650



TankTest, Inc.  
 Test Report No. NAC92L-0982  
 March 27, 1992.  
 Page 3 of 10.

II. ANALYTICAL RESULTS

• Volatile Organics

<u>Parameter</u>	<u>Sample Designation</u>	
	92L-0982-1 S-1 *	Detection Limit *
Benzene	ND	1.3
Toluene	ND	1.3
Ethylbenzene	ND	1.3
p-Xylene	ND	1.3
m-Xylene	ND	1.3
o-Xylene	ND	1.3
Units	(ug/kg)	(ug/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	92L-0982-2 S-2 *	Detection Limit *
Benzene	ND	1.2
Toluene	ND	1.2
Ethylbenzene	ND	1.2
p-Xylene	ND	1.2
m-Xylene	ND	1.2
o-Xylene	ND	1.2
Units	(ug/kg)	(ug/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	92L-0982-3 S-3 *	Detection Limit *
Benzene	ND	1.2
Toluene	ND	1.2
Ethylbenzene	ND	1.2
p-Xylene	ND	1.2
m-Xylene	ND	1.2
o-Xylene	ND	1.2
Units	(ug/kg)	(ug/kg)

ND: Not Detected.  
 \*: Calculated on a dry weight basis.

TankTest, Inc.  
 Test Report No. NAC92L-0982  
 March 27, 1992  
 Page 4 of 10

II. ANALYTICAL RESULTS (Continued)

• Volatile Organics (Continued)

<u>Parameter</u>	<u>Sample Designation</u>		<u>Detection Limit *</u>
	92L-0982-4	S-4 *	
Benzene	ND		1.2
Toluene	ND		1.2
Ethylbenzene	ND		1.2
p-Xylene	ND		1.2
m-Xylene	ND		1.2
o-Xylene	ND		1.2
Units	(ug/kg)		(ug/kg)

<u>Parameter</u>	<u>Sample Designation</u>		<u>Detection Limit *</u>
	92L-0982-5	S-5 *	
Benzene	ND		1.2
Toluene	ND		1.2
Ethylbenzene	3.6		1.2
p-Xylene	ND		1.2
m-Xylene	1.6		1.2
o-Xylene	ND		1.2
Units	(ug/kg)		(ug/kg)

<u>Parameter</u>	<u>Sample Designation</u>		<u>Detection Limit *</u>
	92L-0982-6	S-6 *	
Benzene	32		2.4
Toluene	ND		2.4
Ethylbenzene	67		2.4
p-Xylene	19		2.4
m-Xylene	31		2.4
o-Xylene	21		2.4
Units	(mg/kg)		(mg/kg)

ND: Not Detected.  
 \*: Calculated on a dry weight basis.



TankTest, Inc.  
 Test Report No. NAC92L-0982  
 March 27, 1992  
 Page 5 of 10

## II. ANALYTICAL RESULTS (Continued)

### • Volatile Organics (Continued)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-7</u> <u>S-7 *</u>	<u>Detection</u> <u>Limit *</u>
Benzene	29	0.60
Toluene	ND	0.60
Ethylbenzene	34	0.60
p-Xylene	14	0.60
m-Xylene	10	0.60
o-Xylene	29	0.60
Units	(mg/kg)	(mg/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-8</u> <u>S-8 *</u>	<u>Detection</u> <u>Limit *</u>
Benzene	41	1.2
Toluene	ND	1.2
Ethylbenzene	33	1.2
p-Xylene	15	1.2
m-Xylene	21	1.2
o-Xylene	17	1.2
Units	(mg/kg)	(mg/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-9</u> <u>S-9 *</u>	<u>Detection</u> <u>Limit *</u>
Benzene	9.3	2.3
Toluene	ND	2.3
Ethylbenzene	99	2.3
p-Xylene	46	2.3
m-Xylene	93	2.3
o-Xylene	160	5.7
Units	(ug/kg)	(ug/kg)

ND: Not Detected.  
 \*: Calculated on a dry weight basis.

AR300653

TankTest, Inc.  
 Test Report No. NAC92L-0982  
 March 27, 1992  
 Page 6 of 10

II. ANALYTICAL RESULTS (Continued)

• Volatile Organics (Continued)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-10</u> <u>S-10 *</u>	<u>Detection</u> <u>Limit *</u>
Benzene	16	0.66
Toluene	ND	0.66
Ethylbenzene	10	0.66
p-Xylene	5.6	0.66
m-Xylene	3.9	0.66
o-Xylene	11	0.66
Units	(mg/kg)	(mg/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-11</u> <u>S-11 *</u>	<u>Detection</u> <u>Limit *</u>
Benzene	ND	1.2
Toluene	ND	1.2
Ethylbenzene	ND	1.2
p-Xylene	ND	1.2
m-Xylene	ND	1.2
o-Xylene	ND	1.2
Units	(ug/kg)	(ug/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-12</u> <u>S-12 *</u>	<u>Detection</u> <u>Limit *</u>
Benzene	3.7	0.58
Toluene	ND	0.58
Ethylbenzene	6.1	0.58
p-Xylene	3.7	0.58
m-Xylene	1.5	0.58
o-Xylene	11	0.58
Units	(mg/kg)	(mg/kg)

ND: Not Detected.  
 \*: Calculated on a dry weight basis.

AR300654



TankTest, Inc.  
 Test Report No. NAC92L-0982  
 March 27, 1992  
 Page 7 of 10

II. ANALYTICAL RESULTS (Continued)

• Volatile Organics (Continued)

<u>Parameter</u>	<u>Sample Designation</u>	
	92L-0982-13 S-13 *	Detection Limit*
Benzene	15	0.64
Toluene	ND	0.64
Ethylbenzene	20	0.64
p-Xylene	4.7	0.64
m-Xylene	7.4	0.64
o-Xylene	17	0.64
Units	(mg/kg)	(mg/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	92L-0982-14 S-14 *	Detection Limit *
Benzene	3.5	1.2
Toluene	ND	1.2
Ethylbenzene	1.2	1.2
p-Xylene	ND	1.2
m-Xylene	ND	1.2
o-Xylene	ND	1.2
Units	(ug/kg)	(ug/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	92L-0982-15 S-15 *	Detection Limit *
Benzene	6.3	1.2
Toluene	ND	1.2
Ethylbenzene	16	1.2
p-Xylene	4.7	1.2
m-Xylene	3.5	1.2
o-Xylene	1.7	1.2
Units	(ug/kg)	(ug/kg)

ND: Not Detected.  
 \*: Calculated on a dry weight basis.

AR300655



TankTest, Inc.

Test Report No. NAC92L-0982

March 27, 1992

Page 8 of 10

II. ANALYTICAL RESULTS (Continued)• Volatile Organics (Continued)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-16</u> <u>S-16 *</u>	<u>Detection</u> <u>Limit *</u>
Benzene	1.3	1.2
Toluene	ND	1.2
Ethylbenzene	ND	1.2
p-Xylene	ND	1.2
m-Xylene	ND	1.2
o-Xylene	ND	1.2
Units	(ug/kg)	(ug/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-17</u> <u>S-17 *</u>	<u>Detection</u> <u>Limit *</u>
Benzene	ND	1.2
Toluene	ND	1.2
Ethylbenzene	ND	1.2
p-Xylene	ND	1.2
m-Xylene	ND	1.2
o-Xylene	ND	1.2
Units	(ug/kg)	(ug/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-18</u> <u>S-18 *</u>	<u>Detection</u> <u>Limit *</u>
Benzene	ND	1.2
Toluene	ND	1.2
Ethylbenzene	1.2	1.2
p-Xylene	ND	1.2
m-Xylene	ND	1.2
o-Xylene	ND	1.2
Units	(ug/kg)	(ug/kg)

ND: Not Detected.

\*: Calculated on a dry weight basis.

AR300656





TankTest, Inc.  
 Test Report No. NAC92L-0982  
 March 27, 1992  
 Page 9 of 10

II. ANALYTICAL RESULTS (Continued)

• Volatile Organics (Continued)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-19</u> <u>S-19 *</u>	<u>Detection</u> <u>Limit *</u>
Benzene	8.8	0.62
Toluene	ND	0.62
Ethylbenzene	12	0.62
p-Xylene	7.6	0.62
m-Xylene	7.6	0.62
o-Xylene	19	0.62
Units	(mg/kg)	(mg/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-20</u> <u>S-20 *</u>	<u>Detection</u> <u>Limit *</u>
Benzene	ND	1.2
Toluene	ND	1.2
Ethylbenzene	ND	1.2
p-Xylene	ND	1.2
m-Xylene	ND	1.2
o-Xylene	ND	1.2
Units	(ug/kg)	(ug/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-21</u> <u>Soil Composite*</u>	<u>Detection</u> <u>Limit *</u>
Benzene	4.0	0.60
Toluene	ND	0.60
Ethylbenzene	7.0	0.60
p-Xylene	3.1	0.60
m-Xylene	5.5	0.60
o-Xylene	12	0.60
Units	(mg/kg)	(mg/kg)

ND: Not Detected.  
 \*: Calculated on a dry weight basis.

AR300657

TankTest, Inc.  
 Test Report No. NAC92L-0982  
 March 27, 1992  
 Page 10 of 10

II. ANALYTICAL RESULTS (Continued)

<u>Sample Designation</u>	<u>Petroleum Hydrocarbons by IR *</u>	<u>Parameter Detection Limit *</u>	<u>Total Solids</u>
92L-0982-1, S-1	NR	NR	79
92L-0982-2, S-2	NR	NR	83
92L-0982-3, S-3	NR	NR	84
92L-0982-4, S-4	NR	NR	85
92L-0982-5, S-5	NR	NR	81
92L-0982-6, S-6	5,900	12	85
92L-0982-7, S-7	3,200	12	83
92L-0982-8, S-8	1,800	12	85
92L-0982-9, S-9	NR	NR	87
92L-0982-10, S-10	340	13	76
92L-0982-11, S-11	59	12	85
92L-0982-12, S-12	4,000	12	86
92L-0982-13, S-13	310	13	78
92L-0982-14, S-14	200	12	86
92L-0982-15, S-15	85	12	83
92L-0982-16, S-16	NR	NR	86
92L-0982-17, S-17	NR	NR	83
92L-0982-18, S-18	NR	NR	84
92L-0982-19, S-19	NR	NR	80
92L-0982-20, S-20	NR	NR	83
92L-0982-21, Soil Composite	NR	NR	83
Units	(mg/kg)	(mg/kg)	(%)

NR: Not Requested.  
 \*: Calculated on a dry weight basis.

P.O. # 3083

CHAIN OF CUSTODY RECORD



TankTest Inc.

PROJ. NO.	PROJECT NAME	NO. OF CONTAINERS	CONTAINER TYPE		REMARKS
			25cm	40cm	
920982	Fischer + Porter		425cm	40cm	
SAMPLERS: Randy Chiodi / Eric Pollard					
SAMPLE	TIME	DATE	NO.	OF CONTAINERS	SAMPLE LOCATION
-1	1438	3/13	X	2	S-1 POST REMEDIATION SAMPLES
-2	1480	3/13	X	2	S-2
-3	1425	3/13	X	2	S-3
-4	1415	3/13	X	2	S-4
-5	1410	3/13	X	2	S-5
-6	1405	3/13	X	2	S-6
-7	1305	3/13	X	2	S-7
-8	1345	3/13	X	2	S-8
-9	1338	3/13	X	2	S-9
-10	1331	3/13	X	2	S-10
-11	1329	3/13	X	2	S-11
-12	1325	3/13	X	2	S-12
-13	1320	3/13	X	2	S-13
-14	1318	3/13	X	2	S-14
-15	1315	3/13	X	2	S-15
Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
X Randy Chiodi		3/13/13 10:00	Eric Pollard		3/16/13
Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time

AR300659

Remarks

48-H. T.A.T. 37X6TPH

Note: A Site Diagram & P.O. # Must Accompany All Samples!

P.J. # \_\_\_\_\_

CHAIN OF CUSTODY RECORD



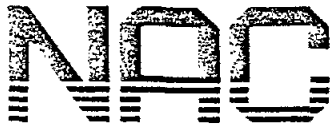
TankTest Inc.

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS	CONTAINER TYPE	REMARKS
SAMPLERS:		SAMPLE LOCATION				
SAMPLE	TIME	DATE	DATE			
PROJECT NAME: FISCHER + PORTER SAMPLERS: RANDY CHIODI / KEIC POLLANDER						
-16	1259	3/13	S-16	2	500ml / 1000ml	BTX (Low Level) 1.5
-17	1255	3/13	S-17	2	500ml / 1000ml	" "
-18	1230	3/13	S-18	2	500ml / 1000ml	" "
-19	1500	3/13	S-19	2	500ml / 1000ml	" (MEDIUM LEVEL) / 1000+
-20	1510	3/13	S-20	2	500ml / 1000ml	" (Low Level) 25
-21	1250	3/13	SOIL COMPOSITE (WASTE PILE)	2	500ml / 1000ml	" (MEDIUM LEVEL) / 1000+
Received by: (Signature) _____ Date/Time: 3/16/92 Relinquished by: (Signature) _____ Date/Time: _____ Received by: (Signature) _____ Date/Time: _____ Relinquished by: (Signature) _____ Date/Time: _____						

AR300660

Note: Site Diagram & P.O. # Must Accompany All Samples

Remarks



Northeastern Analytical Corp.

March 31, 1992

TankTest, Inc.  
4 East Stow Road, Unit 1  
Marlton, New Jersey 08053

Attention: Mr. Richard Schneiderei, Project Manager

Reference: Test Report No. NAC92L-1003  
Project: Fischer & Porter  
PO#3096

This test report covers the analysis of eight (8) solid samples submitted to Northeastern Analytical Corporation (NAC) on March 17, 1992. The following analysis was performed:

- Petroleum Hydrocarbons

The report is organized as follows:

- Methodology
- Analytical Results

If you have any questions concerning this analysis, please do not hesitate to contact your account representative.

Respectfully submitted,

Northeastern Analytical Corp.  
New Jersey Certification No. 03117

Paul P. Painter  
Laboratory Director

bb  
Attachment: Chain of Custody  
File: 50L\TTI\92L-1003

AR300661

*Analysis, Sampling and Testing for the Environmental and Safety Professional*

Evesham Corporate Center, 4 East Stow Road, Marlton, New Jersey 08053 (609) 985-8000 FAX (609) 985-9700



NORTHEASTERN ANALYTICAL CORPORATION

TankTest, Inc.

Test Report No. NAC92L-1003

March 31, 1992

Page 2 of 2

I. METHODOLOGY

- EPA Methods for the Chemical Analysis of Water and Wastes, Revised, March, 1983.

II. ANALYTICAL RESULTS

<u>Sample Designation</u>	<u>Parameter</u>		
	<u>Petroleum Hydrocarbons by IR *</u>	<u>Detection Limit *</u>	<u>Total Solids</u>
92L-1003-1, TP-1	58	12	87
92L-1003-2, TP-2	26	13	78
92L-1003-3, TP-3	45	11	89
92L-1003-4, TP-4	31	12	82
92L-1003-5, TP-5	760	11	91
92L-1003-6, TP-6	350	12	80
92L-1003-7, TP-7	46	11	88
92L-1003-8, TP-8	120	12	83
Units	(mg/kg)	(mg/kg)	(%)

\*: Calculated on a dry weight basis.

AR300662



TankTest Inc.

# CHAIN OF CUSTODY RECORD

P.O. # 92/003

PROJ. NO. 91-318R Fischer + Porter

CONTAINER TYPE

250.0 (402) *Handwritten*

SAMPLES:

A-015

REMARKS

SAMPLE	TIME	DATE	SOIL	SAMPLE LOCATION	NO. OF CONTAINERS	CONTAINER TYPE		REMARKS
1	2:35	3/17/82	✓	Test Pit sample at 6' below slab	2			TPH - 400 50 ppm
2	3:00	"	✓	"	2			" " 1.5 ppm
3	3:10	"	✓	"	2			" " 1.0 "
4	4:00	"	✓	"	2			" " 1.0 "
5	3:20	"	✓	"	2			" " 500 "
6	3:30	"	✓	"	2			" " 45 "
7	4:10	"	✓	"	2			" " 1.0 "
8	4:8	"	✓	"	2			" " 305 "

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
<i>[Signature]</i>		3/17/82 5:45	<i>[Signature]</i>		
Relinquished by: (Signature)			Received by: (Signature)		

Remarks

*Handwritten:* T.A.T. only

Note: A Site Diagram & P.O. # Must Accompany All Samples!

AR300663



Northeastern Analytical Corp.

March 31, 1992

TankTest, Inc.  
4 East Stow Road, Unit 1  
Marlton, New Jersey 08053

Attention: Mr. Richard Schneidereit, Project Manager

Reference: Test Report No. NAC92L-1048  
Project: Fischer & Porter  
P.O. #3110

This test report covers the analysis of thirteen (13) solid samples submitted to Northeastern Analytical Corporation (NAC) on March 20, 1992. The following analyses were performed on selected samples:

- Volatile Organics
- Petroleum Hydrocarbons

The report is organized as follows:

- Methodology
- Analytical Results

If you have any questions concerning this analysis, please do not hesitate to contact your account representative.

Respectfully submitted,

Northeastern Analytical Corp.  
New Jersey Certification No. 03117

A handwritten signature in cursive script that reads "Paul P. Painter".

Paul P. Painter  
Laboratory Director

de  
Attachment: Chain of Custody  
File: 21L\TTI\92L-1048

AR300664

*Analysis, Sampling and Testing for the Environmental and Safety Professional*

Evesham Corporate Center, 4 East Stow Road, Marlton, New Jersey 08053 (609) 985-8000 FAX (609) 985-9700





TankTest, Inc.  
Test Report No. NAC92L-1048  
March 31, 1992  
Page 2 of 5

I. METHODOLOGY

All analyses are adapted from one or more of the following reference methods:

- "Guidelines Establishing Test Procedures for the Analysis of Pollutants", Code of Federal Regulations Vol. 40, Part 136.
- "Test Methods for Evaluating Solid Waste", SW846 Third Edition, September 1986, USEPA.
- Code of Federal Regulations Vol. 40, Part 261, "Appendix II-Method 1311 Toxicity Characteristic Leaching Procedure (TCLP)".
- "Standard Methods for the Examination of Water and Wastewater", 15th, 16th and 17th Edition.
- "Methods for the Chemical Analysis of Water and Wastes", EPA 600/4-79-020, March 1983, EMSL.
- Annual Book of Standards, Section 11-Water", American Society for Testing and Materials (ASTM).
- Methods for the Determination of Organic Compounds in Drinking Water", EPA 600/4-88/039, December 1988.

COMMENTS

- Reporting limits in this report defined as "MDL" are based on EPA protocol. These limits do not represent NAC's actual "Method Detection Limit", and therefore should be observed as Report Detection Limits only.
- If applicable, all tentatively identified compounds found in a sample as well as its associated blank have been noted with the "B" qualifier.

AR300665



TankTest, Inc.  
Test Report No. NAC92L-1048  
March 31, 1992  
Page 3 of 5

II. ANALYTICAL RESULTS

Volatile Organics

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-1048-2</u> <u>S-23 *</u>	<u>Report</u> <u>Detection</u> <u>Limit *</u>
Benzene	1.9	0.60
Toluene	ND	0.60
Ethylbenzene	17	0.60
p-Xylene	7.7	0.60
m-Xylene	4.4	0.60
o-Xylene	16	0.60
Units	(mg/kg)	(mg/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-1048-5</u> <u>S-26 *</u>	<u>Report</u> <u>Detection</u> <u>Limit *</u>
Benzene	2.7	0.57
Toluene	ND	0.57
Ethylbenzene	16	0.57
p-Xylene	6.5	0.57
m-Xylene	8.4	0.57
o-Xylene	11	0.57
Units	(mg/kg)	(mg/kg)

ND: Not Detected.  
\*: Calculated on a dry weight basis.



TankTest, Inc.  
 Test Report No. NAC92L-1048  
 March 31, 1992  
 Page 4 of 5

II. ANALYTICAL RESULTS (Continued)

• Volatile Organics (Continued)

<u>Parameter</u>	<u>Sample Designation</u>	
	92L-1048-7 S-28 *	Report Detection Limit *
Benzene	11	0.58
Toluene	ND	0.58
Ethylbenzene	12	0.58
p-Xylene	16	0.58
m-Xylene	14	0.58
o-Xylene	8.3	0.58
Units	(mg/kg)	(mg/kg)

<u>Parameter</u>	<u>Sample Designation</u>	
	92L-1048-12 S-33 *	Report Detection Limit *
Benzene	3.2	0.57
Toluene	ND	0.57
Ethylbenzene	8.7	0.57
p-Xylene	4.0	0.57
m-Xylene	7.2	0.57
o-Xylene	5.6	0.57
Units	(mg/kg)	(mg/kg)

ND: Not Detected.  
 \*: Calculated on a dry weight basis.

TankTest, Inc.  
 Test Report No. NAC92L-1048  
 March 31, 1992  
 Page 5 of 5

II. ANALYTICAL RESULTS (Continued)

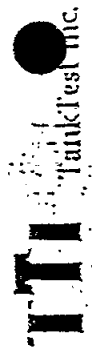
<u>Sample Designation</u>	<u>Parameter</u>		
	<u>Petroleum Hydrocarbons by IR *</u>	<u>Report Detection Limit *</u>	<u>Total Solids</u>
92L-1048-1, S-22	180	11	87
92L-1048-2, S-23	610	12	83
92L-1048-3, S-24	12	12	84
92L-1048-4, S-25	360	11	88
92L-1048-5, S-26	1,000	11	88
92L-1048-6, S-27	180	12	86
92L-1048-7, S-28	2,200	12	86
92L-1048-8, S-29	260	12	85
92L-1048-9, S-30	220	11	89
92L-1048-10, S-31	790	11	87
92L-1048-11, S-32	ND	12	86
92L-1048-12, S-33	990	11	87
92L-1048-13, S-34	260	12	84
Units	(mg/kg)	(mg/kg)	(%)

\*: Calculated on a dry weight basis.  
 ND: Not Detected.

AR300668

P.O. # 5110

# CHAIN OF CUSTODY RECORD



TankTest Inc.

PROJ. NO. 921048 PROJECT NAME Fisher + Porter

SAMPLES: Tim Pop

SAMPLE TIME	DATE	S.F.	SAMPLE LOCATION	NO. OF CONTAINERS	CONTAINER TYPE	REMARKS	Acquired by: (Signature)		Received by: (Signature)		
							Date/Time	Signature	Date/Time	Signature	
1330	3-20-92	✓	S-22	1							
1335		✓	-23	1							
1340		✓	-24	1							
1345		✓	-25	1							
1355		✓	-26	1							
1400		✓	-27	1							
1410		✓	-28	1							
1420		✓	-29	1							
1425		✓	-30	1							
1430		✓	-31	1							
1435		✓	-32	1							
1444		✓	↓ -33	1							
1450		✓	↓ 34	1							
							Acquired by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	
							<i>[Signature]</i>	3-20-92	17:30	<i>[Signature]</i>	
							Acquired by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	
							<i>[Signature]</i>				

AR300669

Note: A Site Diagram & P.O. # Must Accompany All Samples!

TTI

APPENDIX G:  
Tank Scrap Receipt

AR300670

Fulton 9-1177  
Fulton 9-8180

# COLONIAL SALVAGE & SCRAP COMPANY, INC.

INVOICE NO.  
494

IRON • STEEL • METALS  
ALL TYPES OF SHEETS, STRUCTURAL, ROUNDS, BARS

RECEIVED MAR 17 1992

S. E. COR. 36TH & GRAYS FERRY AVENUE  
PHILADELPHIA, PA. 19146

OLD TO

SHIP TO

Tank Test, Inc.  
Evesham Corporate Center  
4 East Stow Road  
Marlton, NJ 08053

IR ORDER NO.	CUSTOMER ORDER NO.	F.O.B.	TERMS			DATE
2877						3-16-92
QUANTITY	MATERIAL	GROSS	TARE	NET WEIGHT	PRICE PER	AMOUNT
PICKED UP THE FOLLOWING TANKS FOR SCRAPPING FROM FISHER & PORTER, COUNTY LINE & JACKSONVILLE ROAD, WARMINISTER, PA:						
# 1	System-1 Auxiliary	2000		gallon steel tank.		
# 2	Syatem-1 West	2000		gallon steel tank.		
# 3	System-1 East	2000		gallon tank.		
# 4	System-2 West	1000		gallon steel tank.		
# 5	System-2 East	1000		gallon steel tank.		
# 6	System-3 West	1000		gallon steel tank.		
# 7	System-3 East	1000		gallon steel tank.		
# 8	1- 275 gallon			steel tank.		
# 9	1- 3000 gallon			above ground salt water tank.		
MISCELLANEOUS PIPES & PUMPS ASSOCIATED WITH DEMOLITION WERE ALSO TAKEN FOR SCRAPPING.						

ALL CLAIMS MUST BE MADE WITHIN 10 DAYS • ANY APPARENT SHORTAGE OVER 500 LBS. MUST BE REPORTED BEFORE UNLOADING

AR300671

TTI

APPENDIX H:

**PADER Storage Tank and Spill Prevention Act  
Notification of contaminated Report**

AR300672



P 647 832 662



**Certified Mail Receipt**  
No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

*Teacher Petz*

Sent to <b>PA DER</b> <i>Notice of Contamination</i>	
Street & No. <i>516 6010 Lee Pk</i> <i>555 North Lane</i>	
P.O., State & ZIP Code <i>Cohasset</i>	
Postage	\$ 29
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	<i>3/27/92</i>

PS Form 3800, June 1990

AR300673

# TTI TANK MANAGEMENT SERVICES

A Division of TankTest Incorporated

March 25, 1992

Pennsylvania Department of Environmental Resources  
Bureau of Water Quality Management  
Notice of Contamination Report  
Suite 6010 Lee Park  
555 North Lane  
Conshohocken, PA 19428

Dear Sir or Madam:

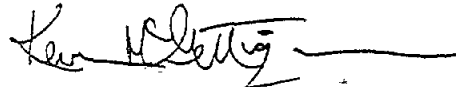
With regards to our underground storage tank (UST) removal notification, forwarded to the attention of the PADER on February 12, 1992, TTI has completed the UST removal phase of this project.

Currently, TTI is proceeding with site remediation activities under the supervision of Mr. Kevin McGettigan, License Number C00293, TTI's Operations Manager for Tank Management Services and Mr. Richard Oki, TTI's Director of Hydrogeological Services. Upon completion of remediation efforts, TTI will forward to the attention of your office, the UST Closure report as well as the summary of our post closure remedial effort.

If you have any questions regarding this, please feel free to contact Mr. William Gross, Director of Regulatory Affairs for Fischer & Porter at 215-674-6789.

Sincerely,

TTI TANK MANAGEMENT SERVICES



Kevin McGettigan  
Operations Manager

KMG:jah

1d:\Cor\PADER.kmg

Sound Environmental Solutions

Evesham Corporate Center • 4 East Stow Road • Marlton, New Jersey 08053  
TEL (609) 985-8800 • FAX (609) 985-9200

AR300674

# STORAGE TANK AND SPILL PREVENTION ACT NOTIFICATION OF CONTAMINATION REPORT

In August 5, 1989, the Storage Tank and Spill Prevention Act became effective in Pennsylvania. An important aspect of this Act is the creation of a certified installer and inspector requirement. Storage tanks must be installed, modified, removed and inspected by certified installers and/or inspectors.

With the adoption of regulations, the Department is authorized to grant interim certification to installers and inspectors, as specified in Section 108 of the Act, to conduct these activities at regulated storage tank facilities.

Section 108(a)(7) of the Act requires that those receiving interim certification must report to the Department the extent of visible contamination from regulated substances at the site of the tank installation, as a form provided by the Department.

**OFFICIAL USE ONLY**

Date Recd: \_\_\_\_\_

Date Recd: \_\_\_\_\_

### INSTRUCTIONS

- I. **FACILITY INFORMATION** - Record the name, I.D. number and physical location (not P.O. Box) of the facility at which visible contamination has been identified. Include the name and phone number of a person to contact at the facility.
- II. **OWNER INFORMATION** - Record the name, business address and phone number of the owner of the facility identified in Section I.
- III. **REGULATED SUBSTANCE INFORMATION** - Indicate to the best of your knowledge the type of product or products responsible for the contamination at the facility.
- IV. **EXTENT/DATE OF OBSERVATION OF CONTAMINATION** - Indicate to the best of your knowledge the extent of contamination resulting from the release and/or spill of the regulated substance. Record the date of observation of the contamination, e.g., "01/01/89". Mark the box if you are aware of any soil and/or ground water samples which have been collected.
- V. **CERTIFIED INSTALLER/INSPECTOR INFORMATION** - Please print your name and provide your signature, I.D. number, date of signature and phone number. The installer, inspector, or both may discover the contamination.

**PLEASE SEND COMPLETED ORIGINAL FORM TO:** PA Department of Environmental Resources  
 Bureau of Water Quality Management  
 Notice of Contamination Report  
 (and the appropriate address below, depending on where the FACILITY is located)

1875 New Hope Street Harrisburg, PA 17101  <b>Counties:</b> Adams, Berks, Chester, Columbia, Lancaster, Lehigh, Montgomery, Northampton, York	50 East Union Street - 2nd Floor Wilkes-Barre, PA 18701  <b>Counties:</b> Carbon, Lackawanna, Luzerne, Monroe, Pike, Schuylkill, Susquehanna, Wayne, Wyoming N/L	One Ararat Blvd. Harrisburg, PA 17110  <b>Counties:</b> Adams, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Lancaster, Lebanon, Lehigh, Perry, York	200 Pine Street Wilkes-Barre, PA 17701  <b>Counties:</b> Bradford, Cameron, Centre, Clinton, Clearfield, Columbia, Lycoming, Mifflin, Northumberland, Potter, Snyder, Sullivan, Tioga, Union	Highway 816 - 8th Floor 121 South Highland Blvd Pottsville, PA 17268  <b>Counties:</b> Allegheny, Armstrong, Beaver, Cambria, Centre, Greene, Indiana, Somerset, Westchester, York	1012 Water Street Maersville, PA 15205  <b>Counties:</b> Bucks, Carbon, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, York, Adams, Berks, Chester, Columbia, Lancaster, Lehigh, Montgomery, Northampton, York
---	---	---	--	---	---

<b>I. FACILITY INFORMATION</b> Facility Name: <u>Scher &amp; Porter Company</u> Facility I.D. Number: <u>09-45328</u> Street Address (P.O. Box not acceptable): <u>125 E. County Line Road</u> City: <u>Varminster</u> State: <u>PA</u> Zip Code: <u>18974</u> County: <u>Bucks</u> Municipality: _____ Contact Person: <u>William Gross</u> Phone Number: <u>(215) 674-6789</u>	<b>II. OWNER INFORMATION</b> Owner Name: <u>Same</u> Address: _____ City: _____ State: _____ Zip Code: _____ Phone Number: <u>(215) 674-6000</u>
--	---

<b>III. REGULATED SUBSTANCE INFORMATION</b> TYPE OF PRODUCT RELEASED/SPILLED (MARK ALL THAT APPLY <input checkbox"="" checked="" type="checkbox&gt;):&lt;br/&gt;                 Unleaded Gasoline..... &lt;input type="/> Unleaded Gasoline..... <input type="checkbox"/> Alcohol Enriched Gasoline..... <input type="checkbox"/> Heavy Diesel Fuel (No. 1-D)..... <input type="checkbox"/> Medium Diesel Fuel (No. 2-D)..... <input type="checkbox"/> Motor Oil..... <input type="checkbox"/> Waste Oil..... <input type="checkbox"/> Kerosene (No. 1)..... <input type="checkbox"/> Home Heating Oil (No. 2)..... <input type="checkbox"/> Heating Oil (No. 4)..... <input type="checkbox"/> Heavy Heating Oil (No. 6)..... <input type="checkbox"/> Aviation Fuel..... <input type="checkbox"/> Other (Specify) <u>Aliphatic</u> <input checked="" type="checkbox"/> Unknown..... <u>Hydrocarbons</u> <input type="checkbox"/> (Stoddard)	<b>IV. EXTENT/DATE OF OBSERVATION OF CONTAMINATION</b> EXTENT (MARK ALL THAT APPLY <input "="" checked="" type="checkbox"/> Sheen on Surface Water ..... <input type="checkbox"/> Minor Soil Contamination ..... <input type="checkbox"/> Severe Odors ..... <input checked="" type="checkbox"/> Free Product on Water Table ..... <input type="checkbox"/> Minor Odors ..... <input type="checkbox"/> DATE OF OBSERVATION <u>3 / 12 / 92</u> Mark the Box if Samples Have Been Collected <input checked="" type="checkbox"/>												
<b>V. CERTIFIED INSTALLER/INSPECTOR INFORMATION</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">INSTALLER NAME: <u>Kevin McGettigan</u></td> <td style="width: 50%;">INSTALLER SIGNATURE: _____</td> </tr> <tr> <td>INSTALLER I.D. NO.: <u>000293</u></td> <td>DATE: <u>3-27-92</u></td> </tr> <tr> <td>INSPECTOR NAME: <u>N/A</u></td> <td>TELEPHONE: <u>609 1 985-8800</u></td> </tr> <tr> <td>INSPECTOR I.D. NO.:</td> <td>INSPECTOR SIGNATURE: _____</td> </tr> <tr> <td></td> <td>DATE: _____</td> </tr> <tr> <td></td> <td>TELEPHONE: _____</td> </tr> </table>		INSTALLER NAME: <u>Kevin McGettigan</u>	INSTALLER SIGNATURE: _____	INSTALLER I.D. NO.: <u>000293</u>	DATE: <u>3-27-92</u>	INSPECTOR NAME: <u>N/A</u>	TELEPHONE: <u>609 1 985-8800</u>	INSPECTOR I.D. NO.:	INSPECTOR SIGNATURE: _____		DATE: _____		TELEPHONE: _____
INSTALLER NAME: <u>Kevin McGettigan</u>	INSTALLER SIGNATURE: _____												
INSTALLER I.D. NO.: <u>000293</u>	DATE: <u>3-27-92</u>												
INSPECTOR NAME: <u>N/A</u>	TELEPHONE: <u>609 1 985-8800</u>												
INSPECTOR I.D. NO.:	INSPECTOR SIGNATURE: _____												
	DATE: _____												
	TELEPHONE: _____												

AR300675

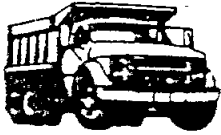
TTI

APPENDIX I:

Cleanfill Receipts

AR300676

RECEIVED APR 0 8 1992



**TOM CARTY TRUCKING**  
Fill Dirt • Topsoil • Stone

Nº 7110

1042 CHEWS LANDING ROAD • LAUREL SPRINGS, N.J. 08021 • 609-227-7830

Tank Test  
4 Stow Road  
Marlton, N.J. 08053

3196

Date 2 April 19 9

Description	Amount
Fisher Porter Co. PA.	
4/1/92 Contracted to haul 6 loads fill dirt	
4/2/92 Contracted to haul 4 loads fill dirt	
C090 12093	
<i>[Signature]</i>	
TOTAL	

AR300677

8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/8 1992 2205

Received From Tank Test  
Address Jacksonville Rd

Dollars \$

For 1 20 yard load of Topsoil @ 1.8 tons per yd.

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	325 00
BALANCE DUE		MONEY ORDER	

By Joseph Cipolloni

8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/8 1992 2206

Received From Tank Test  
Address Jacksonville Rd

Dollars \$

For 1 20 yard load of Topsoil @ 1.8 tons per yd.

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	325 00
BALANCE DUE		MONEY ORDER	

By Joseph Cipolloni

8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/8 1992 2207

Received From Tank Test  
Address Jacksonville Rd

Dollars \$

For 1 20 yard load of Topsoil @ 1.8 tons per yd.

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	325 00
BALANCE DUE		MONEY ORDER	

By Joseph Cipolloni

8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/8 1992 2208

Received From Tank Test  
Address Jacksonville Rd

Dollars \$

For 1 20 yard load of Topsoil @ 1.8 tons per yd.

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	325 00
BALANCE DUE		MONEY ORDER	

By Joseph Cipolloni

AR300678

8K806 REDIFORM

**F.A. CIPOLLONI AND SONS, INC.**  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

**RECEIPT** Date 4/7/92 2201

Received From Tank Test

Address Jacksonville Rd

For 17 yard load of fill dirt @ 1.8 tons per yd. Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

8K806 REDIFORM

**F.A. CIPOLLONI AND SONS, INC.**  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

**RECEIPT** Date 4/7/92 2202

Received From Tank Test

Address Jacksonville Rd

For 17 yard load of fill dirt @ 1.8 tons per yd. Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

8K806 REDIFORM

**F.A. CIPOLLONI AND SONS, INC.**  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

**RECEIPT** Date 4/8/92 2203

Received From Tank Test

Address Jacksonville Rd

For 17 yard load of fill dirt @ 1.8 tons per yd. Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

8K806 REDIFORM

**F.A. CIPOLLONI AND SONS, INC.**  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

**RECEIPT** Date 4/8/92 2204

Received From Tank Test

Address Jacksonville Rd

For 17 yard load of fill dirt @ 1.8 tons per yd. Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

AR300679

8K806 REDIFORM

**RECEIPT** Date 4/21/92 2185

Received From Tank Test

Address Jacksonville Rd

For 117 yard load of fill dirt @ 1.8 tons per yd Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni *JJC*

8K806 REDIFORM

**RECEIPT** Date 4/21/92 2186

Received From Tank Test

Address Jacksonville Rd

For 117 yard load of fill dirt @ 1.8 tons per yd Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni *JJC*

8K806 REDIFORM

**RECEIPT** Date 4/21/92 2187

Received From Tank Test

Address Jacksonville Rd

For 117 yard load of fill dirt @ 1.8 tons per yd Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni *JJC*

8K806 REDIFORM

**RECEIPT** Date 4/21/92 2188

Received From Tank Test

Address Jacksonville Rd

For 117 yard load of fill dirt @ 1.8 tons per yd Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni *JJC*

AR300680



8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/7/92 2197

Received From Tank Test  
Address Jacksonville Rd

Dollars \$

For 17 yard load of fill dirt @ 1.5 tons per yd

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/7/92 2198

Received From Tank Test  
Address Jacksonville Rd

Dollars \$

For 17 yard load of fill dirt @ 1.5 tons per yd.

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/7/92 2199

Received From Tank Test  
Address Jacksonville Rd

Dollars \$

For 17 yard load of fill dirt @ 1.5 tons per yd

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/7/92 2200

Received From Tank Test  
Address Jacksonville Rd

Dollars \$

For 17 yard load of fill dirt @ 1.5 tons per yd.

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

AR300681

8K806 (REDIFORM)

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date

4/21/92

2189

Received From

Tank Test

Address

Jacksonville Rd

Dollars \$

For

117 yard load of fill dirt @ 1.8 tons per yd

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By

Joseph Cipolloni

8K806 (REDIFORM)

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date

4/6/92

2190

Received From

Tank Test

Address

Jacksonville Rd

Dollars \$

For

117 yard load of fill dirt @ 1.8 tons per yd

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By

Joseph J. Cipolloni

8K806 (REDIFORM)

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date

4/6/92

2191

Received From

Tank Test

Address

Jacksonville Rd

Dollars \$

For

117 yard load of fill dirt @ 1.8 tons per yd

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By

Joseph J. Cipolloni

8K806 (REDIFORM)

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date

4/6/92

2192

Received From

Tank Test

Address

Jacksonville Rd

Dollars \$

For

117 yard load of fill dirt @ 1.8 tons per yd

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By

Joseph J. Cipolloni

AR300682

8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/6/1992 2193

Received From Tank Test

Address Jacksonville Road

For 117 yard load of fill dirt @ 1.8 tons per yard Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/6/1992 2194

Received From Tank Test

Address Jacksonville Rd

For 117 yard load of fill dirt @ 1.8 tons per yard Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/7/1992 2195

Received From Tank Test

Address Jacksonville Rd

For 117 yard load of fill dirt @ 1.8 tons per yard Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

8K806 REDIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/7/1992 2196

Received From Tank Test

Address Jacksonville Rd

For 117 yard load of fill dirt @ 1.8 tons per yard Dollars \$

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	136.00
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni

AR300683

8K806 REDIIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/21/92 2183

Received From Tank Test  
Address Jacksonville Rd

Dollars \$  
or 17yd load of fill dirt @ 1.8 tons per yard

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	13000
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni  
*(Signature)*

06 REDIIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/2 19 92 2184

Received From Tank Test  
Address Jacksonville Rd

Dollars \$  
or 17yd load of fill dirt @ 1.8 tons per yd.

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	13600
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni  
*(Signature)*

8K806 REDIIFORM

F.A. CIPOLLONI AND SONS, INC.  
9323 KEYSTONE STREET  
PHILADELPHIA, PA 19114

RECEIPT

Date 4/8/92 2209

Received From Tank Test  
Address Jacksonville Rd

Dollars \$  
For 20 yard load of topsoil @ 1.8 tons per yd.

ACCOUNT		HOW PAID	
AMT. OF ACCOUNT		CASH	
AMT. PAID		CHECK	32500
BALANCE DUE		MONEY ORDER	

By Joseph J. Cipolloni  
*(Signature)*

AR300684

TTI

APPENDIX J:

Soil Recycling Documentation

AR300685



Northeastern Analytical Corp.

April 24, 1992

TankTest, Inc.  
4 East Stow Road, Unit 1  
Marlton, New Jersey 08053

Attention: Mr. Richard Schneiderei, Project Manager

Reference: Test Report No. NAC92L-1279, Revised  
Project: Fischer & Porter  
(Formerly 92L-0982-21)  
P.O. #3210

This test report covers the analysis of one (1) solid sample submitted to Northeastern Analytical Corporation (NAC) on March 16, 1992. On April 10, 1992, Tank Test, Inc. requested the following analyses:

- Volatile Organics
- Polychlorinated Biphenyls
- TCLP Extractable Metals
- Miscellaneous Parameters

The report is organized as follows:

- Methodology
- TCLP Regulatory Levels
- Analytical Results

If you have any questions concerning this analysis, please do not hesitate to contact your account representative.

Respectfully submitted,

Northeastern Analytical Corp.  
New Jersey Certification No. 03117

Paul P. Painter  
Laboratory Director

de

Attachment: Chain of Custody  
File: 21L\TTI\92L-1279



NORTHEASTERN ANALYTICAL CORPORATION

TankTest, Inc.

Test Report No. NAC92L-1279, Revised

April 22, 1992

Page 2 of 7

## I. METHODOLOGY

All analyses are adapted from one or more of the following reference methods:

- "Guidelines Establishing Test Procedures for the Analysis of Pollutants", Code of Federal Regulations Vol. 40, Part 136.
- "Test Methods for Evaluating Solid Waste", SW846 Third Edition, September 1986, USEPA.
- Code of Federal Regulations Vol. 40, Part 261, "Appendix II-Method 1311 Toxicity Characteristic Leaching Procedure (TCLP)".
- "Standard Methods for the Examination of Water and Wastewater", 15th, 16th and 17th Edition.
- "Methods for the Chemical Analysis of Water and Wastes", EPA 600/4-79-020, March 1983, EMSL.
- Annual Book of Standards, Section 11-Water", American Society for Testing and Materials (ASTM).
- Methods for the Determination of Organic Compounds in Drinking Water", EPA 600/4-88/039, December 1988.

## COMMENTS

- Reporting limits in this report defined as "MDL" are based on EPA protocol. These limits do not represent NAC's actual "Method Detection Limit", and therefore should be observed as Report Detection Limits only.
- If applicable, all tentatively identified compounds found in a sample as well as its associated blank have been noted with the "B" qualifier.

AR300687

TCLP REGULATORY LEVELS

<u>Parameter</u>	<u>TCLP Regulatory Levels*</u>	<u>TCLP Regulatory Levels*</u>
Vinyl Chloride	200	0.20
1,1-Dichloroethene	700	0.70
Chloroform	6,000	6.0
1,2-Dichloroethane	500	0.50
2-Butanone	200,000	200
Carbon Tetrachloride	500	0.50
Trichloroethene	500	0.50
Benzene	500	0.50
Tetrachloroethene	700	0.70
Chlorobenzene	100,000	100
Pyridine	5,000	5.0
1,4-Dichlorobenzene	7,500	7.5
o-Cresol	200,000	200
m,p-Cresol	200,000	200
Hexachloroethane	3,000	3.0
Nitrobenzene	2,000	2.0
Hexachlorobutadiene	500	0.50
2,4,6-Trichlorophenol	2,000	2.0
2,4,5-Trichlorophenol	400,000	400
2,4-Dinitrotoluene	130	0.13
Hexachlorobenzene	130	0.13
Pentachlorophenol	100,000	100
Arsenic	5,000	5.0
Barium	100,000	100
Cadmium	1,000	1.0
Chromium	5,000	5.0
Lead	5,000	5.0
Mercury	200	0.20
Selenium	1,000	1.0
Silver	5,000	5.0
Endrin	20	0.020
Lindane	400	0.40
Methoxychlor	10,000	10
Toxaphene	500	0.50
Chlordane	30	0.030
Heptachlor Epoxide	8.0	0.0080
Heptachlor	8.0	0.0080
2,4-D	10,000	10
2,4,5-TP	1,000	1.0
Units	(ug/l)	(mg/l)

\*: 1990 Toxic Characteristic Rule.

Note: Positive sample results have not been matrix spike corrected, unless specifically requested.

AR300688





NORTHEASTERN ANALYTICAL CORPORATION

TankTest, Inc.

Test Report No. NAC92L-1279, Revised

April 22, 1992

Page 4 of 7

III. ANALYTICAL RESULTS

• Volatile Organics

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-0982-21</u> <u>Soil Composite*</u>	<u>Report</u> <u>Detection</u> <u>Limit *</u>
Benzene	4.0	0.60
Toluene	ND	0.60
Ethylbenzene	7.0	0.60
p-Xylene	3.1	0.60
m-Xylene	5.5	0.60
o-Xylene	12	0.60
Units	(mg/kg)	(mg/kg)

ND: Not Detected.

\*: Calculated on a dry weight basis.

Note: Volatile Organics results for sample 92L-0982-21 has been included in this test report at the clients request.

AR300689



TankTest, Inc.  
Test Report No. NAC92L-1279, Revised  
April 22, 1992  
Page 5 of 7

III. ANALYTICAL RESULTS (Continued)

• Polychlorinated Biphenyls

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-1279 Soil Composite*</u>	<u>Report Detection Limit *</u>
Polychlorinated Biphenyls:		
. as Aroclor 1016	ND	40
. as Aroclor 1221	ND	80
. as Aroclor 1232	ND	40
. as Aroclor 1242	ND	40
. as Aroclor 1248	ND	40
. as Aroclor 1254	ND	40
. as Aroclor 1260	ND	40
Units	(ug/kg)	(ug/kg)

ND: Not Detected.  
\*: Calculated on a dry weight basis.



TankTest, Inc.

Test Report No. NAC92L-1279, Revised

April 22, 1992

Page 6 of 7

III. ANALYTICAL RESULTS (Continued)

• TCLP Extractable Metals

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>92L-1279 Soil Composite</u>	<u>Report Detection Limit</u>
Arsenic	ND	0.10
Barium	0.87	0.20
Cadmium	ND	0.0050
Chromium	ND	0.010
Lead	ND	0.10
Mercury	ND	0.00020
Selenium	ND	0.10
Silver	ND	0.010
Units	(mg/l)	(mg/l)

ND: Not Detected.



NORTHEASTERN ANALYTICAL CORPORATION

TankTest, Inc.

Test Report No. NAC92L-1279, Revised

April 22, 1992

Page 7 of 7

III. ANALYTICAL RESULTS (Continued)

• Miscellaneous Parameters

<u>Parameter</u>	<u>Sample Designation</u>		<u>Report Detection Limit</u>
	<u>92L-1279 Soil Composite</u>		
Petroleum Hydrocarbons by IR, mg/kg*	380		12
Total Organic Halides, mg/kg*	ND		12
Flashpoint, closed cup, °C	>60		NA
Total Solids, %	83		0.50

ND: Not Detected.

NA: Not Applicable.

\*: Calculated on a dry weight basis.

AR300692





## EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

EnviroTech

ENPRO  
285 Pineridge Drive  
Berlin, NJ 08009

Attn: Leslie

Ref: Manifest Nos. F404-01-92 thru F404-23-92

Quantity: 521.06 tons EMAF-404

EnviroTech Mid-Atlantic hereby certifies that the petroleum contaminated soil which we received from Fischer Porter, 125 E. County Line Road, Warminster, PA on April 29, 30, 1992 has been remediated by our rotary kiln and the total petroleum hydrocarbons were reduced to less than 50 ppm. All soils with less than 50 ppm of total petroleum hydrocarbons are considered clean back fill per Virginia Department of Waste Management regulations.

The clean soil from the kiln is recycled by one of several methods. These include blending into asphalt, road base, or back fill.

*Ricky Harris*  
EMA's Representative

5-6-92  
Date



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

MANIFEST NO. 1001 01

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
 MAILING ADDRESS: 125 E. COUNTY LINE ROAD CITY: WARDENSTON STATE: VA  
 SHIPMENT ORIGIN: SAME CITY: STATE:  
 AUTHORIZED AGENT: Wm. H. Groves TITLE:  
 EMERGENCY: Ken Wright TELEPHONE NO.: TYPE OF PROCESS GENERATING THIS MATERIAL: US1  
 DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH STODDARD

### MATERIAL CHARACTERIZATION:

(CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID  LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_  
 BULK VOLUME: GALLONS \_\_\_\_\_ TONS 29.60 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_  
 SPECIAL HANDLING INSTRUCTIONS: NON-HAZARDOUS 40.92 LB GR

FIRE OR SPILL INSTRUCTIONS: NON-FLAMMABLE  
 HAULER IDENTIFICATION: G.D.C. TRUCKING INC. 11.32 LB GR  
 SITE DESTINATION: W.C. SPRATT RECYCLING INC. FREDERICKSBURG VA

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Wm. H. Groves  
 Signature of Authorized Agent  
4/29/92  
 Date of Shipment Release

### HAULER IDENTIFICATION:

NAME & ADDRESS: G.D.C. TRUCKING INC. 1100 KING STREET LORTON, VA 22079  
 TELEPHONE NO. 703-550-5500 HAULER REGISTRATION NO. \_\_\_\_\_ STATE: VA  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 103 TRAILER NO. 103A TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

Tom GROVE 4-29-92  
 Signature of Authorized Agent & Title  
 Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM  
 Date Delivered 4-29-92 Time 2:25 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING PERMIT NO. 1321 BELHAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 TRAILER NO. 29.60 tons DRIVER: Tom Grove 4-29-92  
 WORK ORDER NO. 703-373-2016

### HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING FEDERAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_  
 STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

David P. Hoodman  
 Signature of Authorized Agent & Title  
4-29-92  
 Date Received

AR300695



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

2

MANIFEST NO. 1404 02 92

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME FISCHER PORTER  
 MAILING ADDRESS 125 E. COUNTY LINE ROAD CITY WARMINSTER STATE PA  
 SHIPMENT ORIGIN SAME CITY STATE  
 AUTHORIZED AGENT Wm. H. Gross TITLE  
 EMERGENCY TELEPHONE NO. TYPE OF PROCESS GENERATING THIS MATERIAL UST  
 DESCRIPTION OF MATERIAL SOIL CONTAMINATED WITH STODDARD

### MATERIAL CHARACTERIZATION:

(CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

Analysis Attached ON FILE

EMA Code No. LMAF-404

PHYSICAL STATE: SOLID YYYY LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_  
 BULK VOLUME: GALLONS \_\_\_\_\_ TONS 23.62 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

SPECIAL HANDLING INSTRUCTIONS NON-HAZARDOUS  
 FIRE OR SPILL INSTRUCTIONS NON-FLAMMABLE  
 HAULER IDENTIFICATION G.D.C. TRUCKING INC.  
 SITE DESTINATION W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA  
 38.51 LB GR  
 14.89 LB GR

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

*Wm. H. Gross*  
 Signature of Authorized Agent  
 4/29/92  
 Date of Shipment Release

### HAULER IDENTIFICATION:

NAME & ADDRESS G.D.C. TRUCKING INC. 8100 HIMS STREET LORTON, VA 22079 STATE  
 TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. BOX NO. OTHER  
 WORK ORDER NO. TRACTOR NO. 104 TRAILER NO. 104A TANK NO.  
 I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.  
*Donell Jacobs*  
 Signature of Authorized Agent & Title  
 Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM  
 Date Delivered 4/29/92 Time 4:40 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT REC. SITE PERMIT NO. 1321 BETTIN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 TRAILER NO. DRIVER  
 WORK ORDER NO. QUANTITY MEASURED AT SITE 23.62 tms  
 HANDLING PROCEDURE DESCRIBE IN DETAIL UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_  
 STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_  
 I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.  
*David P. Goodman*  
 Signature of Authorized Agent & Title  
 4/29/92  
 Date Received

AR300696





# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street,  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

3

MANIFEST NO. F404 03 92

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
 MAILING ADDRESS: 125 E. COUNTY LINE ROAD CITY: WARMINSTER STATE: PA  
 SHIPMENT ORIGIN: SAME CITY: STATE:  
 AUTHORIZED AGENT: SAME TITLE:  
 EMERGENCY TELEPHONE NO.: W.H. Gross TYPE OF PROCESS GENERATING THIS MATERIAL: US I  
 DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH STOODARD

### MATERIAL CHARACTERIZATION:

(CIRCLE)

Analysis Attached

ON FILE

EMA Code No.

EMAF-404

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID XXXX LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS 24.23 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

### SPECIAL HANDLING INSTRUCTIONS

NON-HAZARDOUS

40.35 LB GR

### FIRE OR SPILL INSTRUCTIONS

NON-FLAMMABLE

16.17 LB GR

### HAULER IDENTIFICATION

G.D.C. TRUCKING INC.

### SITE IDENTIFICATION

W.C. SPRATT RECYCLING TNC FREDERICKSBURG VA

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Signature of Authorized Agent

4/29/92

Date of Shipment Release

### HAULER IDENTIFICATION:

25232 VA

NAME & ADDRESS: G.D.C. TRUCKING INC. 8100 MTNS STREET LORTON, VA 22079 STATE: \_\_\_\_\_  
 TELEPHONE NO.: 703-550-5580 HAULER REGISTRATION NO.: \_\_\_\_\_  
 WORK ORDER NO.: \_\_\_\_\_ TRACTOR NO.: 100 TRAILER NO.: 100A TANK NO.: \_\_\_\_\_ BOX NO.: \_\_\_\_\_ OTHER: \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM

Date Delivered 4/29/92 Time 6:10 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT REC SITE HERMITAGE, 1321 BELMAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO.: 703-373-2016 TRAILER NO.: \_\_\_\_\_ DRIVER: \_\_\_\_\_  
 WORK ORDER NO.: \_\_\_\_\_

### QUANTITY MEASURED AT SITE

24.23 tons

### HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

Signature of Authorized Agent & Title

Date Received

AR300697



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

4

MANIFEST NO. 1404 -04 72

**EnviroTech**

### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
 MAILING ADDRESS: 125 E. COUNTY LINE ROAD CITY: WARMINGSTER STATE: PA  
 SHIPMENT ORIGIN: SAME CITY: STATE:  
 AUTHORIZED AGENT: Wm. H. Gross TITLE:  
 EMERGENCY TELEPHONE NO.: Wm. H. Gross TYPE OF PROCESS GENERATING THIS MATERIAL: US1  
 DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH SODIUM

### MATERIAL CHARACTERIZATION: (CIRCLE)

Analysis Attached ON FILE

EMA Code No. EMAP-404

- |                       |                        |                       |
|-----------------------|------------------------|-----------------------|
| A. Arsenic _____ ppm  | F. Lead _____ ppm      | K. Cyanides _____ ppm |
| B. Barium _____ ppm   | G. Selenium _____ ppm  | L. Sulfides _____ ppm |
| C. Mercury _____ ppm  | H. Sodium _____ ppm    | M. PCB _____ ppm      |
| D. Chromium _____ ppm | I. pH _____            | N. TPH _____ ppm      |
| E. Silver _____ ppm   | J. Flashpoint _____ °F | O. TOX _____ ppm      |

PHYSICAL STATE: SOLID XXXX LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS 21.05 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

### SPECIAL HANDLING INSTRUCTIONS

NON-HAZARDOUS  
 FIRE OR SPILL INSTRUCTIONS: NON-FLAMMABLE  
 HAULER IDENTIFICATION: G.D.C. TRUCKING INC.  
 SITE DESTINATION: W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA

33.50 LB GR  
12.45 LB GR

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

*Wm. H. Gross*  
Signature of Authorized Agent

4/29/92  
Date of Shipment Release

### HAULER IDENTIFICATION:

P109326

NAME & ADDRESS: G.D.C. TRUCKING INC. 8100 MING STREET LORTON, VA 22079 STATE \_\_\_\_\_  
 TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 130 TRAILER NO. 130A TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

*Brian Mummert*  
Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM

Date Delivered 4/29/92 Time 1.30 AM  PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING, INC. 1301 BELMAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 TRAILER NO. \_\_\_\_\_ DRIVER: *Brian Mummert*

QUANTITY MEASURED AT SITE: 21.05 tons  
 HANDLING PROCEDURE  
 DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

*Joyce P. Adams*  
Signature of Authorized Agent & Title

4-29-92  
Date Received

AR300698



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

5

MANIFEST NO. 1404 05 92

**EnviroTech**

### GENERATOR IDENTIFICATION:

BUSINESS NAME FISCHER PORTEP  
 MAILING ADDRESS 125 E. COUNTY LINE ROAD CITY WARMINSTER STATE PA  
 SHIPMENT ORIGIN SAME CITY STATE  
 AUTHORIZED AGENT TITLE  
 EMERGENCY TELEPHONE NO. W.H. Gross TYPE OF PROCESS GENERATING THIS MATERIAL UST  
 DESCRIPTION OF MATERIAL SOIL CONTAMINATED WITH STOODARD

### MATERIAL CHARACTERIZATION:

Analysis Attached ON FILE

EMA Code No. EMAF 404

(CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID XXXX LIQUID/SLURRY SLURRY

BULK VOLUME: GALLONS \_\_\_\_\_ TONS 21.89 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

SPECIAL HANDLING INSTRUCTIONS NON-HAZARDOUS 33.48 LB GR

FIRE OR SPILL INSTRUCTIONS NON-FLAMMABLE 11.53 LB GR

HAULER IDENTIFICATION G.D.C. TRUCKING INC. FREDERICKSBURG, VA  
SITE DESTINATION W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

*[Signature]*  
Signature of Authorized Agent

4/29/92  
Date of Shipment Release

P 109574VA

### HAULER IDENTIFICATION:

NAME & ADDRESS G.D.C. TRUCKING INC. 3100 HIMS STREET LORTON, VA 22079  
 TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. STATE  
 WORK ORDER NO. TRACTOR NO. 132 TRAILER NO. 132A TANK NO. BOX NO. OTHER

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

*[Signature]*  
Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM

Date Delivered 4/29/92 Time 2:30 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING, INC. 1321 BELHAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-273-2016 SITE PERMIT NO.  
 WORK ORDER NO. TRAILER NO. DRIVER

### QUANTITY MEASURED AT SITE HANDLING PROCEDURE

DESCRIBE IN DETAIL

21.89 tons  
UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLARATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

*[Signature]*  
Signature of Authorized Agent & Title

4/29/92  
Date Received

AR300699



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST 6

MANIFEST NO. 1404 06 92

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISHER POWER  
MAILING ADDRESS: 125 E. COUNTY LINE ROAD  
CITY: WARMINGSTER STATE: VA  
SHIPMENT ORIGIN: SAME CITY: STATE:  
AUTHORIZED AGENT: W. H. Gross TITLE: UST  
EMERGENCY TELEPHONE NO.: SOIL CONTAMINATED BY FUEL OIL  
DESCRIPTION OF MATERIAL: \_\_\_\_\_

### MATERIAL CHARACTERIZATION:

(CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

XXXX

PHYSICAL STATE: SOLID \_\_\_\_\_ LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_  
BULK VOLUME: GALLONS \_\_\_\_\_ TONS 21.55 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_  
SPECIAL HANDLING INSTRUCTIONS: NON-HAZARDOUS NON-FLAMMABLE  
FIRE OR SPILL INSTRUCTIONS: TRUCKING INC. 32.94 LB GR  
HAULER: W.C. SPRAY RECYCLING, INC. 11.39 LB GR  
IDENTIFICATION: W.C. SPRAY RECYCLING, INC. FREDERICKSBURG, VA  
SITE DESTINATION: \_\_\_\_\_

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Signature of Authorized Agent

Date of Shipment Release: 4/29/92

P109302 VA

### HAULER IDENTIFICATION:

NAME & ADDRESS: W.C. TRUCKING INC. 8100 MIMS STREET LORTON, VA 22072  
TELEPHONE NO.: 703-550-5580  
HAULER REGISTRATION NO.: \_\_\_\_\_ STATE: \_\_\_\_\_  
WORK ORDER NO.: \_\_\_\_\_ TRACTOR NO.: 121 TRAILER NO.: 121A TANK NO.: \_\_\_\_\_ BOX NO.: \_\_\_\_\_ OTHER: \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

Signature of Authorized Agent & Title: *Chris K. Fogelme*

Date Received: 4/29/92 Time: 9:30 AM PM

Date Delivered: 4-29-92 Time: 2:00 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRAY RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401  
TELEPHONE NO.: 703-373-2016 SITE PERMIT NO.: \_\_\_\_\_  
WORK ORDER NO.: \_\_\_\_\_ TRAILER NO.: \_\_\_\_\_ DRIVER: \_\_\_\_\_

QUANTITY MEASURED AT SITE: 21.55 tons  
HANDLING PROCEDURE: UNLOAD AND STORE AT SPRAY RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.  
DESCRIBE IN DETAIL: \_\_\_\_\_

### FINAL ON-SITE LOCATION

CELL NO.: \_\_\_\_\_ TRENCH NO.: \_\_\_\_\_ TANK NO.: \_\_\_\_\_  
STORAGE AREA: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

Signature of Authorized Agent & Title: *Paul R. Guehler*

Date Received: 4-29-92

AR300700



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST ⑦

MANIFEST NO. 1404 -07 -92



### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
 MAILING ADDRESS: 125 E. COUNTY LINE ROAD CITY: WARMUNSTER STATE: PA  
 SHIPMENT ORIGIN: SAME CITY: STATE:  
 AUTHORIZED AGENT: Wm. H. Gross TITLE:  
 EMERGENCY TELEPHONE NO.: Wm. H. Gross TYPE OF PROCESS GENERATING THIS MATERIAL: USI  
 DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH STOODARD

### MATERIAL CHARACTERIZATION: (CIRCLE)

#### Analysis Attached

ON FILE

EMA Code No.

EMAF-404

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sadium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID ~~XXXX~~ LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS 20.40 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

#### SPECIAL HANDLING INSTRUCTIONS

NON-HAZARDOUS

34.98 LB GR

FIRE OR SPILL INSTRUCTIONS: NON-FLAMMABLE

14.52 LB GR

HAULER IDENTIFICATION: G.D.C. TRUCKING INC.

SITE DESTINATION: W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Signature of Authorized Agent

4/29/92

Date of Shipment Release

### HAULER IDENTIFICATION:

P109333 VA

NAME & ADDRESS: G.D.C. TRUCKING INC. 8100 HIMS STREET LORTON, VA 22079 STATE \_\_\_\_\_  
 TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 131 TRAILER NO. 131A TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM

Date Delivered 4.29.92 Time 4.05 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING PERMITTING 1321 BELMAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 TRAILER NO. \_\_\_\_\_ DRIVER \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_

QUANTITY MEASURED AT SITE: 20.40 tons

### HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNPAVED AND STORED AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

Signature of Authorized Agent & Title

Date Received

AR300701



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
1108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

8

MANIFEST NO. 1003 08 92



### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
 MAILING ADDRESS: 125 E. COUNTY LINE ROAD CITY: WARHINSTER STATE: PA  
 SHIPMENT ORIGIN: SAME CITY: STATE:  
 AUTHORIZED AGENT: SAME TITLE:  
 EMERGENCY TELEPHONE NO.: Wm. H. Gross TYPE OF PROCESS GENERATING THIS MATERIAL: USI

DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH STODDARD  
 MATERIAL CHARACTERIZATION: Analysis Attached ON FILE EMA Code No. EMF-104  
 (CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID ~~XXXX~~ LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_  
 BULK VOLUME: GALLONS \_\_\_\_\_ TONS 24.86 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: 36.49 OTHER 11.53  
 SPECIAL HANDLING INSTRUCTIONS: NON-HAZARDOUS  
 FIRE OR SPILL INSTRUCTIONS: NON-FLAMMABLE  
 HAULER IDENTIFICATION: G.D.C. TRUCKING INC.  
 SITE DESTINATION: W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.  
 Signature of Authorized Agent: [Signature]  
 Date of Shipment Release: 4/24/92

### HAULER IDENTIFICATION:

NAME & ADDRESS: G.D.C. TRUCKING INC. 8100 KING STREET LORTON, VA 22079 STATE: VA  
 TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. P100861 VA  
 WORK ORDER NO. TRACTOR NO. 135 TRAILER NO. 200 TANK NO. BOX NO. OTHER \_\_\_\_\_  
 I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.  
 Signature of Authorized Agent & Title: [Signature]  
 Date Received: \_\_\_\_\_ Time: \_\_\_\_\_ AM PM  
 Date Delivered: 4-29-92 Time: 4:05 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 TRAILER NO. DRIVER: [Signature]  
 WORK ORDER NO. 703-373-2016 QUANTITY MEASURED AT SITE: 24280 tons  
 HANDLING PROCEDURE: UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.  
 DESCRIBE IN DETAIL:

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_  
 STORAGE AREA \_\_\_\_\_ COMMENTS: \_\_\_\_\_  
 I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.  
 Signature of Authorized Agent & Title: [Signature]  
 Date Received: 4-29-92

AR300702



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

4

MANIFEST NO. F404 -09 22

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
MAILING ADDRESS: 125 E. COUNTY LINE ROAD  
CITY: WARMINSTER STATE: PA

SHIPMENT ORIGIN: SAME  
CITY: STATE:

AUTHORIZED AGENT: Wm. H. Gross  
EMERGENCY TELEPHONE NO.:  
TITLE: UST

DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH STOUARD

### MATERIAL CHARACTERIZATION:

Analysis Attached ON FILE

EMA Code No. EMAF-404

(CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Cadmium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID XXXX LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS 22.10 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

SPECIAL HANDLING INSTRUCTIONS: NON-HAZARDOUS 39.18 LB GR

FIRE OR SPILL INSTRUCTIONS: NON-FLAMMABLE 17.08 LB GR

HAULER: G.D.C. TRUCKING INC.  
IDENTIFICATION: W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA  
SITE: \_\_\_\_\_  
DESTINATION: \_\_\_\_\_

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Wm. H. Gross  
Signature of Authorized Agent

4/29/92  
Date of Shipment Release

### HAULER IDENTIFICATION:

625207VA

NAME & ADDRESS: G.D.C. TRUCKING INC. 8100 MIMS STREET LORTON, VA 22079  
TELEPHONE NO. 703-550-5580

HAULER REGISTRATION NO. \_\_\_\_\_ STATE \_\_\_\_\_  
WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 104 TRAILER NO. 1094 TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

T.B. Row  
Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM

Date Delivered 4/29/92 Time 5.45 AM  PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING, INC. 1321 BELHAM ROAD FREDERICKSBURG, VA 22401

TELEPHONE NO. 703-373-2016 SITE PERMIT NO. \_\_\_\_\_  
WORK ORDER NO. \_\_\_\_\_ TRAILER NO. \_\_\_\_\_ DRIVER \_\_\_\_\_

QUANTITY MEASURED AT SITE: 22.10 tons

### HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

James P. Nadeau  
Signature of Authorized Agent & Title

4-29-92  
Date Received

AR300703



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST (10)

MANIFEST NO. 1404 10 92

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
 MAILING ADDRESS: 125 E. COUNTY LINE ROAD  
 CITY: WARMINSTER STATE: PA  
 SHIPMENT ORIGIN: CITY: STATE:  
 AUTHORIZED AGENT: SAME  
 EMERGENCY TELEPHONE NO.: Wm. H. Gross TYPE OF PROCESS GENERATING THIS MATERIAL: UST  
 DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH STOODARD

### MATERIAL CHARACTERIZATION:

(CIRCLE)

### Analysis Attached

ON FILE

EMA Code No. EMAF-404

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID ~~XXXX~~ LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS 17.61 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

### SPECIAL HANDLING INSTRUCTIONS

29.79 LB GR

FIRE OR SPILL INSTRUCTIONS: NON HAZARDOUS

HAULER IDENTIFICATION: NON-FLAMMABLE

12.19 LB GR

SITE DESTINATION: G.D.C. TRUCKING INC. FREDERICKSBURG, VA

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Signature of Authorized Agent

4/29/92

Date of Shipment Release

102288 VA

### HAULER IDENTIFICATION:

NAME & ADDRESS: G.D.C. TRUCKING INC. 8100 HIMS STREET LORTON, VA 22079 STATE \_\_\_\_\_  
 TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 134 TRAILER NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM

Date Delivered 4/29/92 Time 3:35 AM (PM)

### SITE IDENTIFICATION:

NAME & ADDRESS: W.D. SPRATT RECYCLING PERMIT NO. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 TRAILER NO. \_\_\_\_\_ DRIVER \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_

QUANTITY MEASURED AT SITE: 17.61 tons

### HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

Signature of Authorized Agent & Title

Date Received

AR300704





# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

11

MANIFEST NO. 1404

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME FISCHER PORTER  
 MAILING ADDRESS 125 E. COUNTY LINE ROAD CITY WARHINSTER STATE PA  
 SHIPMENT ORIGIN SAHE CITY \_\_\_\_\_ STATE \_\_\_\_\_  
 AUTHORIZED AGENT \_\_\_\_\_ TITLE \_\_\_\_\_  
 EMERGENCY TELEPHONE NO. Wm. H. Gross TYPE OF PROCESS GENERATING THIS MATERIAL UST  
 DESCRIPTION OF MATERIAL SOIL CONTAMINATED WITH STOODARD

### MATERIAL CHARACTERIZATION:

Analysis Attached ON FILE

EMA Code No. E.HAF-404

(CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID XXXX LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_  
 BULK VOLUME: GALLONS \_\_\_\_\_ TONS 26.45 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_  
 SPECIAL HANDLING INSTRUCTIONS: NON-HAZARDOUS 40.14 LB GR  
 FIRE OR SPILL INSTRUCTIONS: NON-FLAMMABLE 13.69 LB GR  
 HAULER IDENTIFICATION: G.D.C. TRUCKING INC.  
 SITE: W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA  
 DESTINATION \_\_\_\_\_

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Signature of Authorized Agent

4/29/92

Date of Shipment Release

### HAULER IDENTIFICATION:

EB5208VA

NAME & ADDRESS G.D.C. TRUCKING INC. 8100 MIMS STREET LORTON, VA 22079  
 TELEPHONE NO. 703-550-5500 HAULER REGISTRATION NO. \_\_\_\_\_ STATE \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 112 TRAILER NO. 112A TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_  
 I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM

Date Delivered 4-29-92 Time 4:00 AM  PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 SITE PERMIT NO. \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRAILER NO. 20-45 DRIVER \_\_\_\_\_

### QUANTITY MEASURED AT SITE

### HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

Signature of Authorized Agent & Title

4-29-92  
Date Received

AR300705



# EnviroTech Mid-Atlantic

P.O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

## NON HAZARDOUS SHIPPING MANIFEST

12

MANIFEST NO. 1401 12 92

### EnviroTech

#### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
 MAILING ADDRESS: 125 E. COUNTY LINE ROAD CITY: WARMINSTER STATE: PA  
 SHIPMENT ORIGIN: CITY: STATE:  
 AUTHORIZED AGENT: SAMF TITLE:  
 EMERGENCY TELEPHONE NO.: Wm. H. Gross TYPE OF PROCESS GENERATING THIS MATERIAL: UST  
 DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH STOODARD

#### MATERIAL CHARACTERIZATION:

(CIRCLE)

#### Analysis Attached

ON FILE

EMA Code No.

EMAP-404

- |                       |                        |                       |
|-----------------------|------------------------|-----------------------|
| A. Arsenic _____ ppm  | F. Lead _____ ppm      | K. Cyanides _____ ppm |
| B. Barium _____ ppm   | G. Selenium _____ ppm  | L. Sulfides _____ ppm |
| C. Mercury _____ ppm  | H. Sodium _____ ppm    | M. PCB _____ ppm      |
| D. Chromium _____ ppm | I. pH _____            | N. TPH _____ ppm      |
| E. Silver _____ ppm   | J. Flashpoint _____ °F | O. TOX _____ ppm      |

PHYSICAL STATE: SOLID ~~(XXX)~~ LIQUID/SLURRY SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS 28.20 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

#### SPECIAL HANDLING INSTRUCTIONS

FIRE OR SPILL INSTRUCTIONS: NON-HAZARDOUS  
 HAULER IDENTIFICATION: NON-FLAMMABLE  
 G.D.C. TRUCKING INC.  
 SITE DESTINATION: W.C. SPRATT RECYCLING INC. FREDERICKSBURG, VA

40.05 LB GR  
11.93 LB GR

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Signature of Authorized Agent

4/29/92  
Date of Shipment Release

#### HAULER IDENTIFICATION:

CT 25221 VA

NAME & ADDRESS: G.D.C. TRUCKING INC. 8100 HENS STREET LORTON, VA 22079 STATE \_\_\_\_\_  
 TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 70 TRAILER NO. 704 TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM  
Date Delivered 4/29/92 Time 4:35 AM PM

#### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING PERMITTING 1321 BELMAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 TRAILER NO. \_\_\_\_\_ DRIVER \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_

QUANTITY MEASURED AT SITE: 28.20 tons

#### HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

#### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

Signature of Authorized Agent & Title

4/29-92  
Date Received

AR300706



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

13

MANIFEST NO. F404 -13 -92

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME FISCHER PORTER  
 MAILING ADDRESS 125 E. COUNTY LINE ROAD CITY WARMINSTER STATE PA  
 SHIPMENT ORIGIN SAME CITY \_\_\_\_\_ STATE \_\_\_\_\_  
 AUTHORIZED AGENT \_\_\_\_\_ TITLE \_\_\_\_\_  
 EMERGENCY TELEPHONE NO. Wm. H. Cross TYPE OF PROCESS GENERATING THIS MATERIAL UST  
 DESCRIPTION OF MATERIAL SOIL CONTAMINATED WITH STODDARD

### MATERIAL CHARACTERIZATION:

Analysis Attached ON FILE

EMA Code No. EMAF-404

(CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID \_\_\_\_\_ LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_  
 BULK VOLUME: GALLONS \_\_\_\_\_ TONS 25.00 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_  
 SPECIAL HANDLING INSTRUCTIONS NON-HAZARDOUS 38.37 LB GR  
NON-FLAMMABLE 13.37 LB GR  
 FIRE OR SPILL INSTRUCTIONS \_\_\_\_\_  
 HAULER IDENTIFICATION G.D.C. TRUCKING INC.  
 SITE W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA  
 DESTINATION \_\_\_\_\_

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Wm. H. Cross  
Signature of Authorized Agent

4/29/92  
Date of Shipment Release

### HAULER IDENTIFICATION:

NAME & ADDRESS G.D.C. TRUCKING INC. 8100 HIMS STREET LORTON, VA 22079  
 TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. 7104541 STATE VA  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 89 TRAILER NO. 894 TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_  
 I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.  
Ronald Collins DRIVER #150  
 Signature of Authorized Agent & Title  
 Date Received 4/29/92 Time 10:20 AM PM  
 Date Delivered 4/29/92 Time 3:30 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 SITE PERMIT NO. \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRAILER NO. 2500 tons DRIVER \_\_\_\_\_  
 QUANTITY MEASURED AT SITE \_\_\_\_\_  
 HANDLING PROCEDURE UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.  
 DESCRIBE IN DETAIL \_\_\_\_\_

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_  
 STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_  
 I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.  
April Robinson  
 Signature of Authorized Agent & Title  
4-29-92  
 Date Received

AR300707



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

(14)

MANIFEST NO. F404 -14 -92

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
 MAILING ADDRESS: 125 E. COUNTY LINE ROAD CITY: WARMINSTER STATE: PA  
 SHIPMENT ORIGIN: SAME CITY: STATE:  
 AUTHORIZED AGENT: *Wm. H. Gross* TITLE:  
 EMERGENCY TELEPHONE NO. TYPE OF PROCESS GENERATING THIS MATERIAL: UST

DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH STODDARD

### MATERIAL CHARACTERIZATION:

(CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

Analysis Attached

ON FILE

EMA Code No.

EMAF-404

PHYSICAL STATE: SOLID ~~XXXX~~ LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS *21.49* CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

SPECIAL HANDLING INSTRUCTIONS

*32.17 LB GR*

FIRE OR SPILL INSTRUCTIONS: NON-HAZARDOUS NON-FLAMMABLE

*10.58 LB GR*

HAULER IDENTIFICATION: G.D.C. TRUCKING INC. SITE: W.C. SPRATT RECYCLING, INC. DESTINATION: FREDERICKSBURG, VA

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

*Wm. H. Gross*  
Signature of Authorized Agent

*4/29/92*  
Date of Shipment Release

### HAULER IDENTIFICATION:

*P104537 VA*

NAME & ADDRESS: G.D.C. TRUCKING INC. 8100 MTNS STREET LORTON, VA 22076 STATE: \_\_\_\_\_  
 TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. *34* TRAILER NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

*Dennis Hilgar 2097*  
Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM  
Date Delivered *4/29/92* Time *4:00* AM  PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 TRAILER NO. \_\_\_\_\_ DRIVER \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_

QUANTITY MEASURED AT SITE: *21.49 tons*

HANDLING PROCEDURE DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

*April P. Medsker*  
Signature of Authorized Agent & Title

*4/29/92*  
Date Received

AR300708



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST **(15)**

MANIFEST NO. F404 -15 -92

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME **FISCHER PORTER**  
 MAILING ADDRESS **125 E. COUNTY LINE ROAD** CITY **WARMINSTER** STATE **PA**  
 SHIPMENT ORIGIN **SAME** CITY \_\_\_\_\_ STATE \_\_\_\_\_  
 AUTHORIZED AGENT \_\_\_\_\_ TITLE \_\_\_\_\_  
 EMERGENCY TELEPHONE NO. **Wm. H. Coates** TYPE OF PROCESS GENERATING THIS MATERIAL **UST**  
 DESCRIPTION OF MATERIAL **SOIL CONTAMINATED WITH STODDARD**

### MATERIAL CHARACTERIZATION:

Analysis Attached **ON FILE**

EMA Code No. **EMAF-404**

(CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID XXXX LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS 20.16 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

SPECIAL HANDLING INSTRUCTIONS **NON-HAZARDOUS** 32.42 LB GR

FIRE OR SPILL INSTRUCTIONS **NON-FLAMMABLE** 12.26 LB GR

HAULER **G.D.C. TRUCKING INC.**

IDENTIFICATION **W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA**

SITE DESTINATION \_\_\_\_\_

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Wm. H. Coates  
Signature of Authorized Agent

4/29/92  
Date of Shipment Release

### HAULER IDENTIFICATION:

H166827 VA

NAME & ADDRESS **G.D.C. TRUCKING INC. 8100 HIMS STREET LORTON, VA 22079**

TELEPHONE NO. **703-550-5580** HAULER REGISTRATION NO. \_\_\_\_\_ STATE \_\_\_\_\_

WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 126 TRAILER NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

[Signature]  
Signature of Authorized Agent & Title

Date Received 4/29/92 Time \_\_\_\_\_ AM PM

Date Delivered 4-29-92 Time 2:30 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: **W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401**

TELEPHONE NO. **703-373-2016** SITE PERMIT NO. \_\_\_\_\_

WORK ORDER NO. \_\_\_\_\_ TRAILER NO. \_\_\_\_\_ DRIVER [Signature]

QUANTITY MEASURED AT SITE 20.16 tons

### HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

[Signature]  
Signature of Authorized Agent & Title

4/29/92  
Date Received

AR300709



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST (16)

MANIFEST NO. F404 -16 -92

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME **FISCHER PORTER**  
 MAILING ADDRESS **125 E. COUNTY LINE ROAD** CITY **WARMINSTER** STATE **PA**  
 SHIPMENT ORIGIN **SAME** CITY \_\_\_\_\_ STATE \_\_\_\_\_  
 AUTHORIZED AGENT **W.H. Gross** TITLE \_\_\_\_\_  
 EMERGENCY TELEPHONE NO. \_\_\_\_\_ TYPE OF PROCESS GENERATING THIS MATERIAL **UST**  
 DESCRIPTION OF MATERIAL **SOIL CONTAMINATED WITH STODDARD**

### MATERIAL CHARACTERIZATION: (CIRCLE)

Analysis Attached ON FILE

EMA Code No. EMAF-404

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID XXXX LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_  
 BULK VOLUME: GALLONS \_\_\_\_\_ TONS 20.86 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_  
 SPECIAL HANDLING INSTRUCTIONS **NON-HAZARDOUS** 32.83 LB CR  
 FIRE OR SPILL INSTRUCTIONS **NON-FLAMMABLE** 11.97 LB CR  
 HAULER IDENTIFICATION **G.D.C. TRUCKING INC.**  
 SITE **W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA**  
 DESTINATION \_\_\_\_\_

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

*W.H. Gross*  
Signature of Authorized Agent

4/29/92  
Date of Shipment Release

### HAULER IDENTIFICATION:

P102287 VA

NAME & ADDRESS **G.D.C. TRUCKING INC. 8100 HIMS STREET LORTON, VA 22079**  
 TELEPHONE NO. **703-550-5580** HAULER REGISTRATION NO. \_\_\_\_\_ STATE \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 133 TRAILER NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_  
 I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

*Mr. [Signature]*  
Signature of Authorized Agent & Title

Date Received 4-29-92 Time 11:00 AM PM

Date Delivered 4-29-92 Time 4:50 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: **W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401**  
 TELEPHONE NO. **703-373-2016** SITE PERMIT NO. \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRAILER NO. 20.86 tons DRIVER \_\_\_\_\_

### QUANTITY MEASURED AT SITE HANDLING PROCEDURE

DESCRIBE IN DETAIL

**UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.**

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

*Paul J. Goodreau*  
Signature of Authorized Agent & Title

4-29-92  
Date Received

AR300710



EnviroTech Mid-Atlantic

P. O. Drawer 72
108 S. Main Street
Chatham, Virginia 24531

NON HAZARDOUS SHIPPING MANIFEST

17

MANIFEST NO. F404 -17 -92

EnviroTech

GENERATOR IDENTIFICATION:

BUSINESS NAME FISCHER PORTER
MAILING ADDRESS 125 E. COUNTY LINE ROAD CITY WARMINSTER STATE PA
SHIPMENT ORIGIN SAME CITY STATE
AUTHORIZED AGENT Wm. H. Gross TITLE
EMERGENCY TELEPHONE NO. TYPE OF PROCESS GENERATING THIS MATERIAL UST
DESCRIPTION OF MATERIAL SOIL CONTAMINATED WITH STODDARD

MATERIAL CHARACTERIZATION:

Analysis Attached ON FILE

EMA Code No. EMAF-404

(CIRCLE)

- A. Arsenic ppm
B. Barium ppm
C. Mercury ppm
D. Chromium ppm
E. Silver ppm
F. Lead ppm
G. Selenium ppm
H. Sodium ppm
I. pH
J. Flashpoint F
K. Cyanides ppm
L. Sulfides ppm
M. PCB ppm
N. TPH ppm
O. TOX ppm

PHYSICAL STATE: SOLID XXXX LIQUID/SLURRY SLURRY

BULK VOLUME: GALLONS TONS 20.61 CUBIC YARDS OTHER

CONTAINERS: DRUMS No. SIZE: BAGS: No. SIZE: OTHER

SPECIAL HANDLING INSTRUCTIONS NON-HAZARDOUS

FIRE OR SPILL INSTRUCTIONS NON-FLAMMABLE

HAULER IDENTIFICATION G.D.C. TRUCKING INC.
SITE W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA
DESTINATION 32.38 LB GR
11.77 LB GR

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Signature of Authorized Agent

Date of Shipment Release 4/24/91

HAULER IDENTIFICATION:

P109301 VA

NAME & ADDRESS G.D.C. TRUCKING INC. 8100 HIMS STREET LORTON, VA 22079
TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. STATE
WORK ORDER NO. TRACTOR NO. 120 TRAILER NO. TANK NO. BOX NO. OTHER

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

Signature of Authorized Agent & Title

Date Received 4/24/91 Time AM PM

Date Delivered 4-27-91 4:35 AM PM

SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401
TELEPHONE NO. 703-373-2016 SITE PERMIT NO.
WORK ORDER NO. TRAILER NO. DRIVER Johnny Snowden

QUANTITY MEASURED AT SITE 20.61 tons

HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLARATION.

FINAL ON-SITE LOCATION

CELL NO. TRENCH NO. TANK NO.

STORAGE AREA COMMENTS

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

Signature of Authorized Agent & Title

Date Received 4/29-92

AR300711



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

18

100

MANIFEST NO. F404 -18 -92

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME **FISCHER PORTER**  
 MAILING ADDRESS **125 E. COUNTY LINE ROAD** CITY **WARMINSTER** STATE **PA**  
 SHIPMENT ORIGIN **SAHE** CITY \_\_\_\_\_ STATE \_\_\_\_\_  
 AUTHORIZED AGENT **W. H. Gross** CITY \_\_\_\_\_ STATE \_\_\_\_\_  
 EMERGENCY TELEPHONE NO. \_\_\_\_\_ TITLE **UST**  
 TYPE OF PROCESS GENERATING THIS MATERIAL **SOIL CONTAMINATED WITH STOODARD**  
 DESCRIPTION OF MATERIAL \_\_\_\_\_

### MATERIAL CHARACTERIZATION: (CIRCLE)

Analysis Attached **ON FILE** EMA Code No. **EMAF-404**

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

XXXX

PHYSICAL STATE: SOLID \_\_\_\_\_ LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS **14.72** CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

SPECIAL HANDLING INSTRUCTIONS **NON-HAZARDOUS** **30.64 LB GR**

FIRE OR SPILL INSTRUCTIONS **NON-FLAMMABLE** **15.92 LB GR**

HAULER IDENTIFICATION **W.C. SPRATT TRUCKING INC.**

SITE DESTINATION **W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA**

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

*W. H. Gross*  
Signature of Authorized Agent

**4/30/92**  
Date of Shipment Release

### HAULER IDENTIFICATION:

NAME & ADDRESS **W.C. TRUCKING INC. 8100 MIHS STREET LORTON, VA 22079**  
 TELEPHONE NO. **703-550-5580** HAULER REGISTRATION NO. \_\_\_\_\_ STATE \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. \_\_\_\_\_ TRAILER NO. **100** TANK NO. **100A** BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

*W. H. Gross*  
Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM  
Date Delivered **4/30/92** Time **1:30** AM **PM**

### SITE IDENTIFICATION:

NAME & ADDRESS: **W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401**  
 TELEPHONE NO. **703-373-2016** SITE PERMIT NO. \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRAILER NO. **14.72** DRIVER \_\_\_\_\_

QUANTITY MEASURED AT SITE \_\_\_\_\_

### HANDLING PROCEDURE DESCRIBE IN DETAIL

**UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.**

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_  
STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

*Paul P. Gooden*  
Signature of Authorized Agent & Title

**4-30-92**  
Date Received

AR300712





# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

19

MANIFEST NO. F404 -19 -92

EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME **FISCHER PORTER**  
 MAILING ADDRESS **125 E. COUNTY LINE ROAD** CITY **WARMINSTER** STATE **PA**  
 SHIPMENT ORIGIN **SAME** CITY \_\_\_\_\_ STATE \_\_\_\_\_  
 AUTHORIZED AGENT \_\_\_\_\_ TITLE \_\_\_\_\_  
 EMERGENCY TELEPHONE NO. **Wm. H. Gross** TYPE OF PROCESS GENERATING THIS MATERIAL **UST**  
 DESCRIPTION OF MATERIAL **SOIL CONTAMINATED WITH STOODARD**

### MATERIAL CHARACTERIZATION:

(CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX. _____ ppm

Analysis Attached **ON FILE**

EMA Code No. **EMAF-404**

PHYSICAL STATE: SOLID **XXXX** LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_  
 BULK VOLUME: GALLONS \_\_\_\_\_ TONS **15.83** CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_  
 SPECIAL HANDLING INSTRUCTIONS **NON-HAZARDOUS**  
 FIRE OR SPILL INSTRUCTIONS **NON-FLAMMABLE**  
 HAULER IDENTIFICATION **G.D.C. TRUCKING INC.** **14.73 LB GR**  
 SITE DESTINATION **W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA**

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Signature of Authorized Agent

**4/30/92**

Date of Shipment Release

### HAULER IDENTIFICATION:

NAME & ADDRESS **G.D.C. TRUCKING INC. 8100 MIMS STREET LORTON, VA 22079**  
 TELEPHONE NO. **703-550-5580** HAULER REGISTRATION NO. \_\_\_\_\_ STATE \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. **104** TRAILER NO. **104A** TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_  
 I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM

Date Delivered **4/30/92** Time **1.30** AM **PM**

### SITE IDENTIFICATION:

NAME & ADDRESS: **W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401**  
 TELEPHONE NO. **703-373-2016** SITE PERMIT NO. \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRAILER NO. **15-83 JHG** DRIVER **Duff**

### QUANTITY MEASURED AT SITE HANDLING PROCEDURE

DESCRIBE IN DETAIL

**UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.**

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

Signature of Authorized Agent & Title

**4-30-92**

Date Received:

AR300713



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST 20

MANIFEST NO. F404 -20 -92

**EnviroTech**

### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
 MAILING ADDRESS: 125 E. COUNTY LINE ROAD CITY: WARMINSTER STATE: PA  
 SHIPMENT ORIGIN: SAHE CITY: STATE:  
 AUTHORIZED AGENT: SAHE TITLE:  
 EMERGENCY TELEPHONE NO. Wm. H. Green TYPE OF PROCESS GENERATING THIS MATERIAL: UST  
 DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH STODDARD

### MATERIAL CHARACTERIZATION:

(CIRCLE)

Analysis Attached

ON FILE

EMA Code No.

EMAF-404

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID XXXX LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS 27.20 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

SPECIAL HANDLING INSTRUCTIONS: 40.82 LB GR

FIRE OR SPILL INSTRUCTIONS: NON-FLAMMABLE

HAULER IDENTIFICATION: 13.62 LB GR

SITE: G.D.C. TRUCKING INC.

DESTINATION: W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

[Signature]  
Signature of Authorized Agent

4/30/92

Date of Shipment Release

### HAULER IDENTIFICATION:

25224 VA

NAME & ADDRESS: G.D.C. TRUCKING INC. 8100 HENS STREET LORTON, VA 22079 STATE: \_\_\_\_\_

TELEPHONE NO. 703-550-5580 TRACTOR NO. 103 TRAILER NO. 103A TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

WORK ORDER NO. \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

[Signature]  
Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM

Date Delivered 4/30/92 Time 2 AM  PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401

TELEPHONE NO. 703-373-2016 TRAILER NO. \_\_\_\_\_

WORK ORDER NO. \_\_\_\_\_

QUANTITY MEASURED AT SITE: 27.20 tons

### HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLARATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

[Signature]  
Signature of Authorized Agent & Title

4-30-92

Date Received

AR300714



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

(21)

MANIFEST NO. F404 -21 -92

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME **FISCHER PORTER**  
 MAILING ADDRESS **125 E. COUNTY LINE ROAD** CITY **WARMINSTER** STATE **PA**  
 SHIPMENT ORIGIN **SAME** CITY \_\_\_\_\_ STATE \_\_\_\_\_  
 AUTHORIZED AGENT **Wm. H. Gross** TITLE \_\_\_\_\_  
 EMERGENCY TELEPHONE NO. \_\_\_\_\_ TYPE OF PROCESS GENERATING THIS MATERIAL **UST**  
 DESCRIPTION OF MATERIAL **SOIL CONTAMINATED WITH STODDARD**

### MATERIAL CHARACTERIZATION:

Analysis Attached **ON FILE**

EMA Code No. **EMAF-404**

(CIRCLE)

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

XXXX

PHYSICAL STATE: **SOLID** \_\_\_\_\_ LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS **2823** CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

SPECIAL HANDLING INSTRUCTIONS **NON-HAZARDOUS**

**41.93 LB GR**

FIRE OR SPILL INSTRUCTIONS **NON-FLAMMABLE**

**13.70 LB GR**

HAULER **G.D.C. TRUCKING INC.**  
 IDENTIFICATION **W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA**  
 SITE \_\_\_\_\_  
 DESTINATION \_\_\_\_\_

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

*Wm. H. Gross*  
Signature of Authorized Agent

**30 Nov 92**  
Date of Shipment Release

### HAULER IDENTIFICATION:

**425208**

NAME & ADDRESS **G.D.C. TRUCKING INC. 8100 MIMS STREET LORTON, VA 22079**  
 TELEPHONE NO. **703-550-5580**

HAULER REGISTRATION NO. \_\_\_\_\_ SITE \_\_\_\_\_  
 TRACTOR NO. **112** TRAILER NO. **112** TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

*Wm. H. Gross*  
Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM

Date Delivered **43092** Time **3:50** AM **PM**

### SITE IDENTIFICATION:

NAME & ADDRESS: **W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401**  
 TELEPHONE NO. **703-373-2016** SITE PERMIT NO. \_\_\_\_\_

WORK ORDER NO. \_\_\_\_\_ TRAILER NO. **25.23-ton** DRIVER *[Signature]*

QUANTITY MEASURED AT SITE \_\_\_\_\_

### HANDLING PROCEDURE

DESCRIBE IN DETAIL

**UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.**

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

*Paul P. Anderson*  
Signature of Authorized Agent & Title

**43092**  
Date Received

AR300715



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

22

MANIFEST NO. F404 -22 -92

### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
 MAILING ADDRESS: 125 E. COUNTY LINE ROAD CITY: WARMINSTER STATE: PA  
 SHIPMENT ORIGIN: SAME CITY: STATE:  
 AUTHORIZED AGENT: TITLE:  
 EMERGENCY TELEPHONE NO.: W.H. Gross TYPE OF PROCESS GENERATING THIS MATERIAL: UST  
 DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH STODDARD

### MATERIAL CHARACTERIZATION: (CIRCLE)

Analysis Attached ON FILE

EMA Code No. EMAF-404

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID XXXX LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS 23.55 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

### SPECIAL HANDLING INSTRUCTIONS

NON-HAZARDOUS  
 FIRE OR SPILL INSTRUCTIONS: NON-FLAMMABLE  
 HAULER IDENTIFICATION: G.D.C. TRUCKING INC.  
 SITE DESTINATION: W.C. SPRATT RECYCLING, INC. FREDERICKSBURG, VA

35.97 LB CR  
13.42 LB CR

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

Signature of Authorized Agent

30 Apr 92  
Date of Shipment Release

### HAULER IDENTIFICATION:

C 25 207 VA

NAME & ADDRESS: G.D.C. TRUCKING INC. 8100 HIMS STREET LORTON, VA 22079  
 TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. \_\_\_\_\_ STATE \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 70 TRAILER NO. 170 TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM  
Date Delivered 43052 Time 345 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 TRAILER NO. \_\_\_\_\_ DRIVER \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_

QUANTITY MEASURED AT SITE

### HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

Signature of Authorized Agent & Title

30 Apr 92  
Date Received

AR300716



# EnviroTech Mid-Atlantic

P. O. Drawer 72  
108 S. Main Street  
Chatham, Virginia 24531

NON HAZARDOUS  
SHIPPING MANIFEST

23

MANIFEST NO. F404 -23 -92

## EnviroTech

### GENERATOR IDENTIFICATION:

BUSINESS NAME: FISCHER PORTER  
 MAILING ADDRESS: 125 E. COUNTY LINE ROAD CITY: WARMINSTER STATE: PA  
 SHIPMENT ORIGIN: SAME CITY: STATE:  
 AUTHORIZED AGENT: TITLE:  
 EMERGENCY TELEPHONE NO.: W.H. Gross TYPE OF PROCESS GENERATING THIS MATERIAL: UST  
 DESCRIPTION OF MATERIAL: SOIL CONTAMINATED WITH STODDARD

### MATERIAL CHARACTERIZATION:

(CIRCLE)

Analysis Attached ON FILE

EMA Code No. EMAF-404

A. Arsenic _____ ppm	F. Lead _____ ppm	K. Cyanides _____ ppm
B. Barium _____ ppm	G. Selenium _____ ppm	L. Sulfides _____ ppm
C. Mercury _____ ppm	H. Sodium _____ ppm	M. PCB _____ ppm
D. Chromium _____ ppm	I. pH _____	N. TPH _____ ppm
E. Silver _____ ppm	J. Flashpoint _____ °F	O. TOX _____ ppm

PHYSICAL STATE: SOLID XXXX LIQUID/SLURRY \_\_\_\_\_ SLURRY \_\_\_\_\_

BULK VOLUME: GALLONS \_\_\_\_\_ TONS 21.83 CUBIC YARDS \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINERS: DRUMS No. \_\_\_\_\_ SIZE: \_\_\_\_\_ BAGS: No. \_\_\_\_\_ SIZE: \_\_\_\_\_ OTHER \_\_\_\_\_

### SPECIAL HANDLING INSTRUCTIONS

NON-HAZARDOUS 38.41 LB GR  
 FIRE OR SPILL INSTRUCTIONS: NON-FLAMMABLE 16.58 LB GR  
 HAULER IDENTIFICATION: G.D.C. TRUCKING INC.  
 SITE DESTINATION: W.C. SPRATT RECYCLING, INC. FREDERICKSBURG VA

The materials described above were consigned to the carrier designated below. I certify the foregoing is true to the best of my knowledge.

W.H. Gross  
Signature of Authorized Agent

30 Apr 92  
Date of Shipment Release

### HAULER IDENTIFICATION:

625201 VA

NAME & ADDRESS: G.D.C. TRUCKING INC. 8100 HIMS STREET LORTON, VA 22079  
 TELEPHONE NO. 703-550-5580 HAULER REGISTRATION NO. \_\_\_\_\_ STATE \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRACTOR NO. 104 TRAILER NO. 709A TANK NO. \_\_\_\_\_ BOX NO. \_\_\_\_\_ OTHER \_\_\_\_\_

I certify that the materials in quantity described above were received by me for shipment and delivered to the destination indicated below.

Tina Brown  
Signature of Authorized Agent & Title

Date Received \_\_\_\_\_ Time \_\_\_\_\_ AM PM

Date Delivered 4-30-92 Time 3-40 AM PM

### SITE IDENTIFICATION:

NAME & ADDRESS: W.C. SPRATT RECYCLING, INC. 1321 BELMAN ROAD FREDERICKSBURG, VA 22401  
 TELEPHONE NO. 703-373-2016 SITE PERMIT NO. \_\_\_\_\_  
 WORK ORDER NO. \_\_\_\_\_ TRAILER NO. \_\_\_\_\_ DRIVER \_\_\_\_\_

QUANTITY MEASURED AT SITE 21.83 tons

### HANDLING PROCEDURE

DESCRIBE IN DETAIL

UNLOAD AND STORE AT SPRATT RECYCLING STORAGE FACILITY PENDING THERMAL RECLAMATION.

### FINAL ON-SITE LOCATION

CELL NO. \_\_\_\_\_ TRENCH NO. \_\_\_\_\_ TANK NO. \_\_\_\_\_

STORAGE AREA \_\_\_\_\_ COMMENTS \_\_\_\_\_

I certify that the materials described above were received by me. I further certify that this facility has received all permits and approval for handling this material.

Joseph P. Nadreau  
Signature of Authorized Agent & Title

4-30-92  
Date Received

AR300717

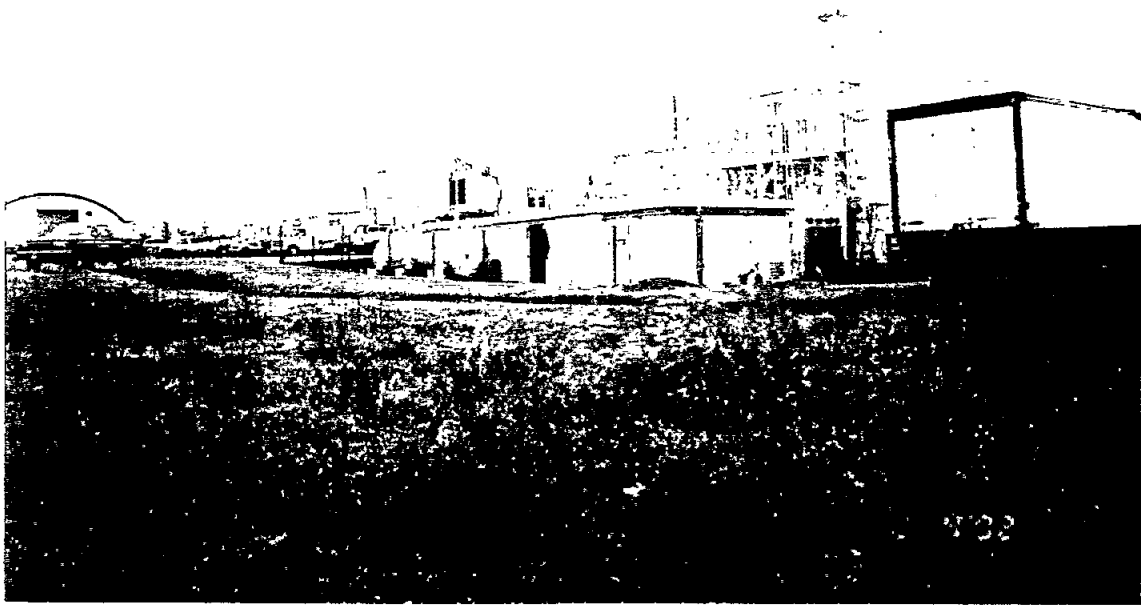
TTI

APPENDIX K:

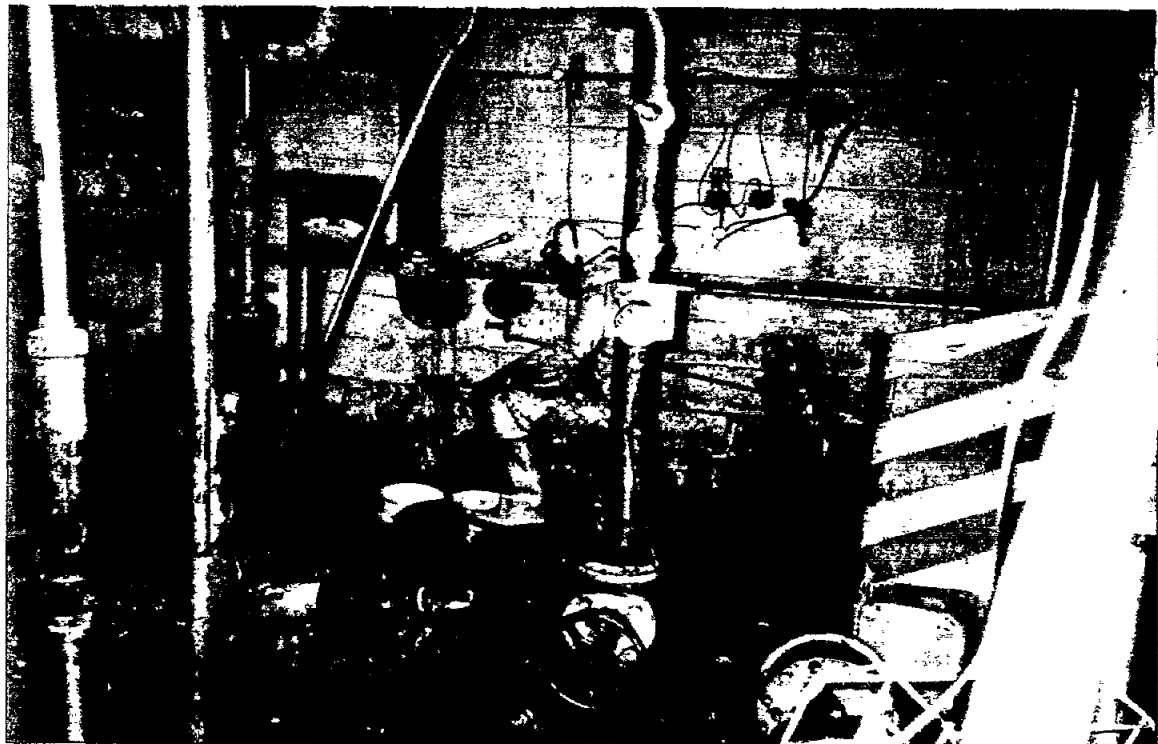
Photographic Log

AR300718

TTI



Pump Room/UST area prior to demolition



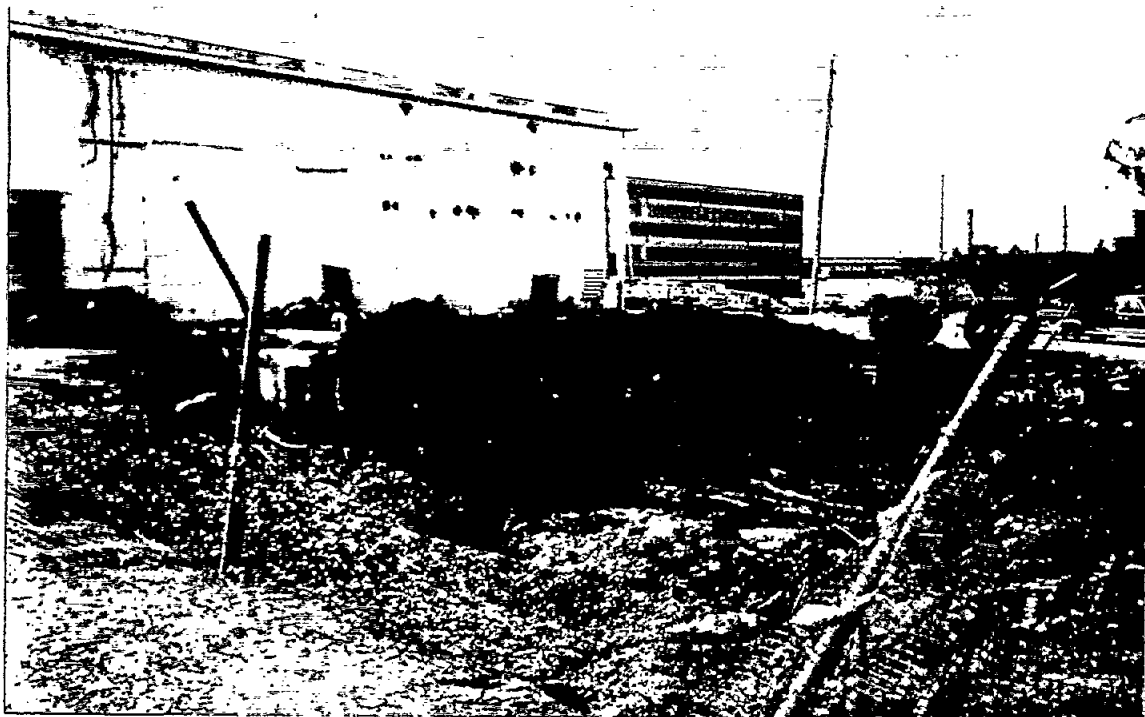
Drainage of residual fluids

AR300719

TTI



Demolition of pump room



Removal of USTs

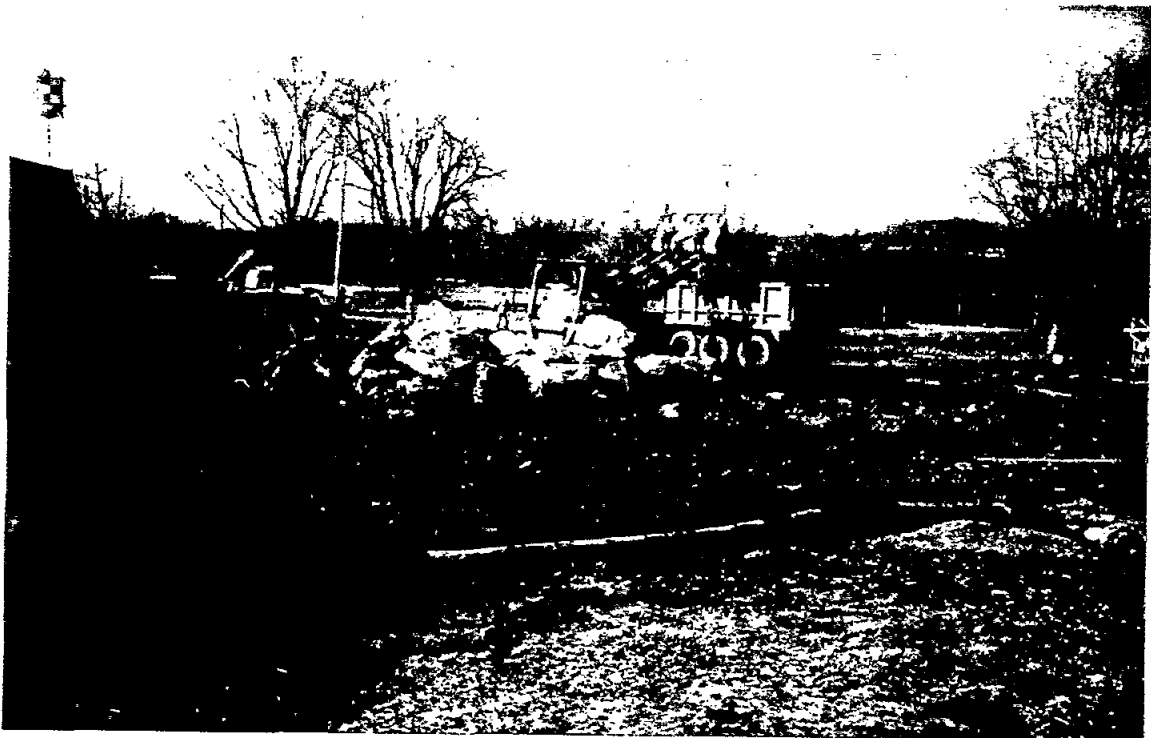
AR300720



TTI



Decommissioned USTs



Removal of concrete waste

AR300721

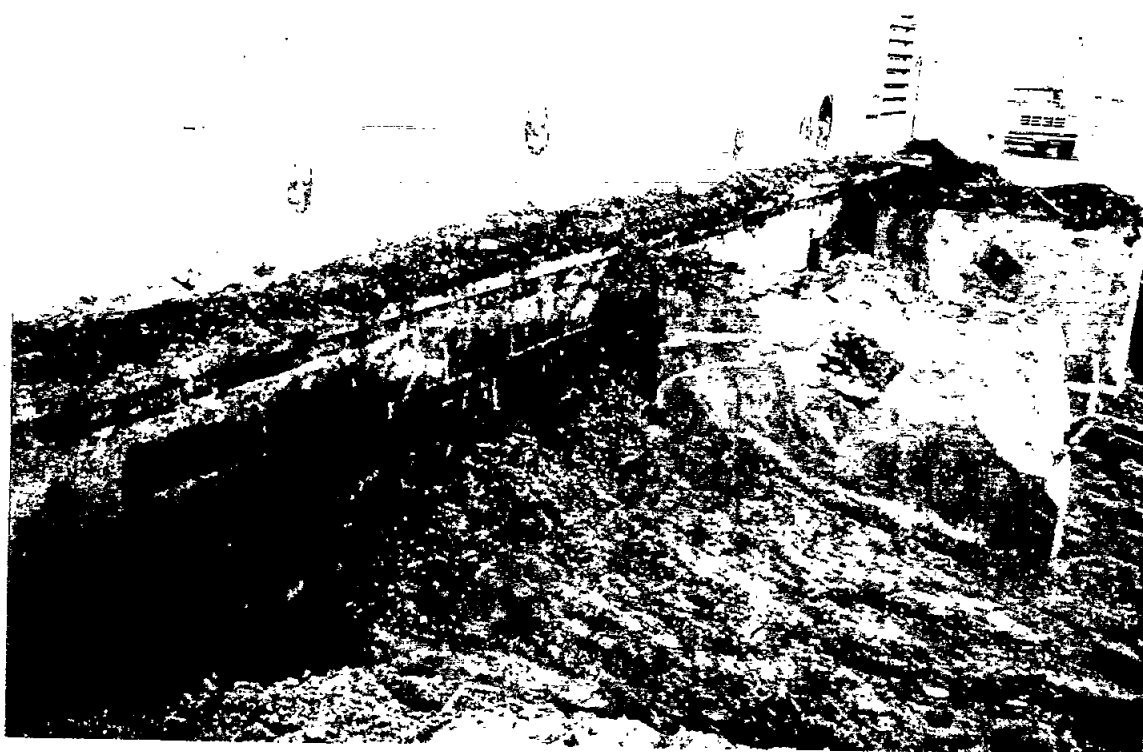
TTI



Remedial area

AR300722

TTI



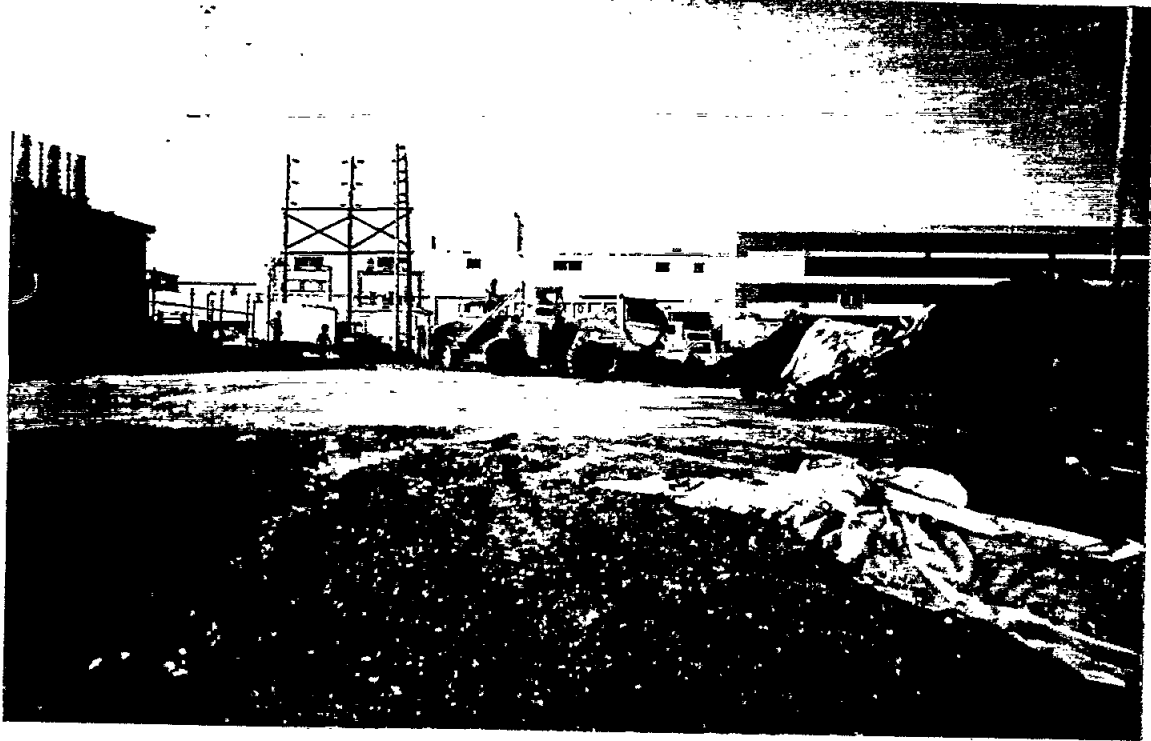
Sealed piping with cement



Backfilling and grading of excavation

AR300723

TTI



Removal of contaminated soil for disposal



Final site restoration

AR300724

TTI

APPENDIX L:

BCM Project Report No. 00-6240-08

AR300725



# BCM Engineers

Engineers, Planners, Scientists and Laboratory Services

CORPORATE

SEP 10 1991

One Plymouth Meeting • Plymouth Meeting, PA 19462 • (215) 825-3800

September 9, 1991

Mr. William Gross  
Fischer and Porter Company  
125 East County Line Road  
Warminster, PA 18974

Subject: Groundwater Sampling Results  
Fischer and Porter Facility  
Warminster, Pennsylvania  
BCM Project No. 00-6240-08

Dear Bill:

Attached are the results of the full volatile scan analyses for the samples collected August 29, 1991.

The only Volatile Organic Compounds detected were TCE and its potential degradation products trans 1,2-Dichloroethene and 1,1,1-Trichloroethane, and PCE. No tentatively identified compounds were detected in any of the wells.

Please call if you have any questions regarding this report.

Very truly yours,

Danielle F. Michelman  
Geologist

/kmm

cc: Richard Sacks, BCM



# BCM Laboratory Division

1850 Gravers Road  
Norristown, PA 19401  
(215) 275-0281

## FINAL REPORT

This is a final report.  
The results have been checked and authorized for release.

PAGE : 1

## CLIENT

FISCHER AND PORTER  
ATTN: DANIELLE MICHAELMAN  
BCM MALL

Date : 09/06/91  
BCM # : 00-6240-08  
P.O.# :  
Order# : 42674

BCM Sample #: 127865  
Location : W-1 & W-2  
Client ID :

Date Sampled : 08/29/91  
Date Received : 08/29/91  
Sampler :

Test Description	Results	Units	Test Method
Purgeable Organics by Mass Spectrometer by B L Hawkins on 09/04/91			EPA # 624
Acrolein	< 200	ug/l	
Acrylonitrile	< 200	ug/l	
Benzene	< 50	ug/l	
Bromoform	< 50	ug/l	
Carbon Tetrachloride	< 50	ug/l	
Chlorobenzene	< 50	ug/l	
Dibromochloromethane	< 50	ug/l	
Bromodichloromethane	< 50	ug/l	
Chloroethane	< 100	ug/l	
2-Chloroethyvinylether	< 50	ug/l	
Chloroform	< 50	ug/l	
1,1-Dichloroethane	< 50	ug/l	
1,2-Dichloroethane	< 50	ug/l	
1,1-Dichloroethene	< 50	ug/l	
1,2-Dichloropropane	< 50	ug/l	
Cis-1,3-Dichloropropene	< 50	ug/l	
Trans-1,3-Dichloropropene	< 50	ug/l	
Ethylbenzene	< 50	ug/l	
Bromomethane (Methyl Bromide)	< 100	ug/l	
Chloromethane (Methyl Chloride)	< 100	ug/l	
Methylene Chloride	< 50	ug/l	
1,1,1,2-Tetrachloroethane	< 50	ug/l	
Tetrachloroethene (PCE)	< 50	ug/l	
Toluene	< 50	ug/l	
trans-1,2-Dichloroethene	< 300	ug/l	
1,1,1-Trichloroethane	< 50	ug/l	
1,1,2-Trichloroethane	< 50	ug/l	
Trichloroethene (TCE)	< 1000	ug/l	
Vinyl Chloride	< 100	ug/l	
Total Xylenes	< 50	ug/l	

AR300727



BCM Laboratory Division

1850 Gravers Road  
Norristown, PA 19401  
(215) 275-0281

FINAL REPORT

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The results have been checked and authorized for release.

PAGE : 2

CLIENT

FISCHER AND PORTER  
ATTN: DANIELLE MICHAELMAN  
BCM MALL

Date : 09/06/91  
BCM # : 00-6240-08  
P.O.# :  
Order# : 42674

BCM Sample #: 127865  
Location : W-1 & W-2  
Client ID :

Date Sampled : 08/29/91  
Date Received : 08/29/91  
Sampler :

Test Description	Results	Units	Test Method
Library Search, Volatiles by B L Hawkins on 09/06/91			
Date Search Completed	9/6/91	M/D/Y	
Completion of Accelerated TAT Analysis by L. COX on 09/06/91			
Date Quick Turn-Around Analyses Complete	9/6/91 P	M/D/Y	

AR300728





# BCM Laboratory Division

1850 Gravers Road  
Norristown, PA 19401  
(215) 275-0281

## FINAL REPORT

PAGE : 3

This is a final report.

The results have been checked and authorized for release.

### CLIENT

FISCHER AND PORTER  
ATTN: DANIELLE MICHAELMAN  
BCM MALL

Date : 09/06/91  
BCM # : 00-6240-08  
P.O.# :  
Order# : 42674

BCM Sample #: 127866  
Location : W-7  
Client ID :

Date Sampled : 08/29/91  
Date Received : 08/29/91  
Sampler :

Test Description	Results	Units	Test Method
Purgeable Organics by Mass Spectrometer by B L Hawkins on 09/06/91			EPA # 624
Acrolein	< 200	ug/l	
Acrylonitrile	< 200	ug/l	
Benzene	< 50	ug/l	
Bromoform	< 50	ug/l	
Carbon Tetrachloride	< 50	ug/l	
Chlorobenzene	< 50	ug/l	
Dibromochloromethane	< 50	ug/l	
Bromodichloromethane	< 50	ug/l	
Chloroethane	< 100	ug/l	
2-Chloroethylvinylether	< 50	ug/l	
Chloroform	< 50	ug/l	
1,1-Dichloroethane	< 50	ug/l	
1,2-Dichloroethane	< 50	ug/l	
1,1-Dichloroethene	< 50	ug/l	
1,2-Dichloropropane	< 50	ug/l	
Cis-1,3-Dichloropropene	< 50	ug/l	
Trans-1,3-Dichloropropene	< 50	ug/l	
Ethylbenzene	< 50	ug/l	
Bromomethane (Methyl Bromide)	< 100	ug/l	
Chloromethane (Methyl Chloride)	< 100	ug/l	
Methylene Chloride	< 50	ug/l	
1,1,1,2-Tetrachloroethane	< 50	ug/l	
Tetrachloroethene (PCE)	54	ug/l	
Toluene	< 50	ug/l	
trans-1,2-Dichloroethene	2100	ug/l	
1,1,1-Trichloroethane	59	ug/l	
1,1,2-Trichloroethane	< 50	ug/l	
Trichloroethene (TCE)	100	ug/l	
Vinyl Chloride	< 100	ug/l	
Total Xylenes	< 50	ug/l	

A 300729



BCM Laboratory Division

1850 Gravers Road  
Norristown, PA 19401  
(215) 275-0281

FINAL REPORT

This is a final report.

The results have been checked and authorized for release.

PAGE : 4

CLIENT

FISCHER AND PORTER  
ATTN: DANIELLE MICHAELMAN  
BCM MALL

Date : 09/06/91  
BCM # : 00-6240-08  
P.O.# :  
Order# : 42674

BCM Sample #: 127866  
Location : W-7  
Client ID :

Date Sampled : 08/29/91  
Date Received : 08/29/91  
Sampler :

Test Description	Results	Units	Test Method
Library Search, Volatiles by B L Hawkins on 09/06/91 Date Search Completed	9/6/91	M/D/Y	

AR30730



# BCM Laboratory Division

1850 Gravers Road  
Norristown, PA 19401  
(215) 275-0281

## FINAL REPORT

This is a final report.

The results have been checked and authorized for release.

PAGE 3

### CLIENT

FISCHER AND PORTER  
ATTN: DANIELLE MICHAELMAN  
BCM MALL

Date : 09/06/91  
BCM # : 00-6240-08  
P.O.# :  
Order# : 42674

BCM Sample #: 127867  
Location : EFFLUENT  
Client ID :

Date Sampled : 08/29/91  
Date Received : 08/29/91  
Sampler :

Test Description	Results	Units	Test Method
Purgeable Organics by Mass Spectrometer by B L Hawkins on 09/04/91			EPA # 624
Acrolein	< 20.0	ug/l	
Acrylonitrile	< 20.0	ug/l	
Benzene	< 5.0	ug/l	
Bromoform	< 5.0	ug/l	
Carbon Tetrachloride	< 5.0	ug/l	
Chlorobenzene	< 5.0	ug/l	
Dibromochloromethane	< 5.0	ug/l	
Bromodichloromethane	< 5.0	ug/l	
Chloroethane	< 10.0	ug/l	
2-Chloroethylvinylether	< 5.0	ug/l	
Chloroform	< 5.0	ug/l	
1,1-Dichloroethane	< 5.0	ug/l	
1,2-Dichloroethane	< 5.0	ug/l	
1,1-Dichloroethene	< 5.0	ug/l	
1,2-Dichloropropane	< 5.0	ug/l	
Cis-1,3-Dichloropropene	< 5.0	ug/l	
Trans-1,3-Dichloropropene	< 5.0	ug/l	
Ethylbenzene	< 5.0	ug/l	
Bromomethane (Methyl Bromide)	< 10.0	ug/l	
Chloromethane (Methyl Chloride)	< 10.0	ug/l	
Methylene Chloride	< 5.0	ug/l	
1,1,2,2-Tetrachloroethane	< 5.0	ug/l	
Tetrachloroethene (PCE)	< 5.0	ug/l	
Toluene	< 5.0	ug/l	
trans-1,2-Dichloroethene	< 5.0	ug/l	
1,1,1-Trichloroethane	< 5.0	ug/l	
1,1,2-Trichloroethane	< 5.0	ug/l	
Trichloroethene (TCE)	< 5.0	ug/l	
Vinyl Chloride	< 10.0	ug/l	
Total Xylenes	< 5.0	ug/l	

AR300731



BCM Laboratory Division

1850 Gravers Road  
Norristown, PA 19401  
(215) 275-0281

FINAL REPORT

PAGE : 6

This is a final report.

The results have been checked and authorized for release.

CLIENT

FISCHER AND PORTER  
ATTN: DANIELLE MICHAELMAN  
BCM MALL

Date : 09/06/91  
BCM # : 00-6240-08  
P.O.# :  
Order# : 42674

BCM Sample #: 127867  
Location : EFFLUENT  
Client ID :

Date Sampled : 08/29/91  
Date Received : 08/29/91  
Sampler :

Test Description	Results	Units	Test Method
Library Search, Volatiles by B L Hawkins on 09/06/91 Date Search Completed	9/6/91	M/D/Y	

AR3U0732



# BCM Laboratory Division

1850 Gravers Road  
Norristown, PA 19401  
(215) 275-0281

## FINAL REPORT

PAGE : 7

This is a final report.

The results have been checked and authorized for release.

### CLIENT

FISCHER AND PORTER  
ATTN: DANIELLE MICHAELMAN  
BCM MALL

Date : 09/06/91  
BCM # : 00-6240-08  
P.O.# :  
Order# : 42674

BCM Sample #: 127868  
Location : EFFLUENT 2  
Client ID :

Date Sampled : 08/29/91  
Date Received : 08/29/91  
Sampler :

Test Description	Results	Units	Test Method
Purgeable Organics by Mass Spectrometer by B L Hawkins on 09/04/91			EPA # 624
Acrolein	< 20.0	ug/l	
Acrylonitrile	< 20.0	ug/l	
Benzene	< 5.0	ug/l	
Bromoform	< 5.0	ug/l	
Carbon Tetrachloride	< 5.0	ug/l	
Chlorobenzene	< 5.0	ug/l	
Dibromochloromethane	< 5.0	ug/l	
Bromodichloromethane	< 5.0	ug/l	
Chloroethane	< 10.0	ug/l	
1-Chloroethylvinylether	< 5.0	ug/l	
Chloroform	< 5.0	ug/l	
1,1-Dichloroethane	< 5.0	ug/l	
1,2-Dichloroethane	< 5.0	ug/l	
1,1-Dichloroethene	< 5.0	ug/l	
1,2-Dichloropropane	< 5.0	ug/l	
Cis-1,3-Dichloropropene	< 5.0	ug/l	
Trans-1,3-Dichloropropene	< 5.0	ug/l	
Ethylbenzene	< 5.0	ug/l	
Bromomethane (Methyl Bromide)	< 10.0	ug/l	
Chloromethane (Methyl Chloride)	< 10.0	ug/l	
Methylene Chloride	< 5.0	ug/l	
1,1,2,2-Tetrachloroethane	< 5.0	ug/l	
Tetrachloroethene (PCE)	< 5.0	ug/l	
Toluene	< 5.0	ug/l	
trans-1,2-Dichloroethene	< 5.0	ug/l	
1,1,1-Trichloroethane	< 5.0	ug/l	
1,1,2-Trichloroethane	< 5.0	ug/l	
Trichloroethene (TCE)	6	ug/l	
Vinyl Chloride	< 10.0	ug/l	
Total Xylenes	< 5.0	ug/l	

AR300733



BCM Laboratory Division

1850 Gravers Road  
Norristown, PA 19401  
(215) 275-0281

FINAL REPORT

This is a final report.

The results have been checked and authorized for release.

PAGE : 8

CLIENT

FISCHER AND PORTER  
ATTN: DANIELLE MICHAELMAN  
BCM MALL

Date : 09/06/91  
BCM # : 00-6240-08  
P.O.# :  
Order# : 42674

BCM Sample #: 127868  
Location : EFFLUENT 2  
Client ID :

Date Sampled : 08/29/91  
Date Received : 08/29/91  
Sampler :

Test Description	Results	Units	Test Method
Library Search, Volatiles by B L Hawkins on 09/06/91 Date Search Completed	9/6/91	M/D/Y	

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# BCM Laboratory Division

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PAGE

### CLIENT

FISCHER AND PORTER  
ATTN: DANIELLE MICHAELMAN  
BCM MALL

Date : 09/06/91  
BCM # : 00-6240-08  
P.O.# :  
Order# : 42674

BCM Sample #: 127869  
Location : WT-1  
Client ID :

Date Sampled : 08/29/91  
Date Received : 08/29/91  
Sampler :

Test Description	Results	Units	Test Method
Purgeable Organics by Mass Spectrometer by B L Hawkins on 09/04/91			EPA # 624
Acrolein	< 20.0	ug/l	
Acrylonitrile	< 20.0	ug/l	
Benzene	< 5.0	ug/l	
Bromoform	< 5.0	ug/l	
Carbon Tetrachloride	< 5.0	ug/l	
Chlorobenzene	< 5.0	ug/l	
Dibromochloromethane	< 5.0	ug/l	
Bromodichloromethane	< 5.0	ug/l	
Chloroethane	< 10.0	ug/l	
2-Chloroethylvinylether	< 5.0	ug/l	
Chloroform	< 5.0	ug/l	
1,1-Dichloroethane	< 5.0	ug/l	
1,2-Dichloroethane	< 5.0	ug/l	
1,1-Dichloroethene	< 5.0	ug/l	
1,2-Dichloropropane	< 5.0	ug/l	
Cis-1,3-Dichloropropene	< 5.0	ug/l	
Trans-1,3-Dichloropropene	< 5.0	ug/l	
Ethylbenzene	< 5.0	ug/l	
Bromomethane (Methyl Bromide)	< 10.0	ug/l	
Chloromethane (Methyl Chloride)	< 10.0	ug/l	
Methylene Chloride	< 5.0	ug/l	
1,1,2,2-Tetrachloroethane	< 5.0	ug/l	
Tetrachloroethene (PCE)	< 5.0	ug/l	
Toluene	< 5.0	ug/l	
trans-1,2-Dichloroethene	< 5.0	ug/l	
1,1,1-Trichloroethane	< 5.0	ug/l	
1,1,2-Trichloroethane	< 5.0	ug/l	
Trichloroethene (TCE)	< 5.0	ug/l	
Vinyl Chloride	< 10.0	ug/l	
Total Xylenes	< 5.0	ug/l	

AR300735



# BCM Laboratory Division

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## FINAL REPORT

PAGE : 10

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### CLIENT

FISCHER AND PORTER  
ATTN: DANIELLE MICHAELMAN  
BCM MALL

Date : 09/06/91  
BCM # : 00-6240-08  
P.O.# :  
Order# : 42674

BCM Sample #: 127869  
Location : WT-1  
Client ID :

Date Sampled : 08/29/91  
Date Received : 08/29/91  
Sampler :

Test Description	Results	Units	Test Method
Library Search, Volatiles by B L Hawkins on 09/06/91			
Date Search Completed	9/6/91	M/D/Y	





BCM Laboratory Division

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FINAL REPORT

PAGE : 1

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CLIENT

FISCHER AND PORTER  
ATTN: DANIELLE MICHAELMAN  
BCM MALL

Date : 09/06/91  
BCM # : 00-6240-08  
P.O.# :  
Order# : 42674

BCM Sample #: 127869  
Location : WT-1  
Client ID :

Date Sampled : 08/29/91  
Date Received : 08/29/91  
Sampler :

Test Description	Results	Units	Test Method
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End of Report

Certified by

*[Signature]*  
BCM Laboratory Director

Lab Certifications:

- PA - 46-007
- VA - 00023
- NYDOH - 11136
- NJ - 77175
- SC - 89005
- AIHA - 19401
- MA
- WV
- AL - 40300
- DE
- MD - 136
- RI

AR300737

1 B

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA-SAMPLE #

127866

Lab Name: BCM Laboratory

Contract: Fisher

Lab Code: BCM

Case No.: 42674

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) water

Lab Sample ID: 127866

Sample wt/vol: .5 (g/ml) ml

Lab File ID: 745642

Level: (low/med) low

Date Received: 8/29/91

% moisture: not dec 0

Date Analyzed: 9/6/91

Column: (pack/cap) CA9

Dilution Factor: 10

Number TICs Found: 0

CONCENTRATION UNITS: ug/L  
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	no peaks found			
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

AR300738

1 E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO

127865

Lab. Name: BCM Laboratory

Contract: Fisher

Lab Code: BCM

Case No.: 42674

SAS No.: \_\_\_\_\_ SDG No.: VM5W0253

Matrix: (soil/water) water

Lab. Sample ID: 127865

Sample wt/vol: 5 (g/ml) ml

Lab File ID: 7-65475

Level: (low/med) low

Date Received: 8-29-91

% moisture: not dec 100

Date Analyzed: 9/4/91

Column: (pack/cap) CAO

Dilution Factor: 10

Number TICs Found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	<u>N peaks found</u>			
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

1 E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO

127867

Lab Name: BCM Laboratory

Contract: Fisher

Lab Code: BCM

Case No.: 42674

SAS No.: \_\_\_\_\_ SDG No.: VMSW253

Matrix: (soil/water) Water

Lab Sample ID: 127867

Sample wt/vol: 1.5 (g/ml) m

Lab File ID: 765972

Level: (low/med) low

Date Received: 8/29/91

% moisture: not dec \_\_\_\_\_

Date Analyzed: 9/4/91

Column: (pack/cap) C18

Dilution Factor: 10

Number TICs Found: 0

CONCENTRATION UNITS: ug/L  
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	No peaks found			
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

- 1 E  
 VOLATILE ORGANICS ANALYSIS DATA SHEET  
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO

127868

Lab Name: BCM Laboratory

Contract: Fisher

Lab Code: BCM Case No.: 42674

SAS No.:          SDG No.: VMS 253

Matrix: (soil/water) water

Lab Sample ID: 127868

Sample wt/vol: 5 (g/ml) ml

Lab File ID: 265973

Level: (low/med) low

Date Received: 8/29/91

% moisture: not dec 0

Date Analyzed: 9/4/91

Column: (pack/cap) CAO

Dilution Factor: 1

Number TICs Found: 0

CONCENTRATION UNITS:  
 (ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	no peaks found			
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

AR300741

1 E

EPA SAMPLE

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

127869

Lab Name: BCM Laboratory

Contract: Fisher

Lab Code: BCM

Case No.: 42674

SAS No.: \_\_\_\_\_ SDG No.: VM5W0253

Matrix: (soil/water) water

Lab Sample ID: 127869

Sample wt/vol: 5 (g/ml) ml

Lab File ID: 265974

Level: (low/med) low

Date Received: 8/29/91

% moisture: not dec 100

Date Analyzed: 9/7/91

Column: (pack/cap) CA9

Dilution Factor: 1

Number TICs Found: 1

CONCENTRATION UNITS: ug/L  
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	Carbon Disulfide	8.70	8	
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

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