The Development Authority of the Borough of Taylor

Taylor, Pennsylvania

DRAFT
Phase II Investigation

Taylor Colliery

Taylor, Pennsylvania

September 2008

Report Prepared By:

Malcolm Pirnie, Inc.

640 Freedom Business Center, Suite 310
King of Prussia, Pennsylvania 19406

5970001

MALCOLM PIRNIE

Contents

1. Introduction 1-1

1.1. Site Description ... 1-1
1.1.1. Canoe Parcel ... 1-1
1.1.2. Main Parcel ... 1-1
1.1.3. Site Structures and Major Features ... 1-2
1.2. Phase I Environmental Site Assessment ... 1-2

2. Phase II Investigation 2-1

2.1. REC 1 – Potential Underground Storage Tank (UST) ... 2-1
2.2. REC 2 – Petroleum Staining ... 2-1
2.3. REC 3 – Empty Drums / Containers ... 2-2
2.4. REC 4 – Electrical Transformers ... 2-2
2.5. REC 5 – Coal Storage Areas ... 2-3

3. Results and Discussion 3-1

3.1. REC-2 Petroleum Staining ... 3-1
3.1.1. Field Observations ... 3-1
3.1.2. Analytical Results ... 3-1
3.2. REC-3 Empty Drums / Containers ... 3-2
3.2.1. Field Observations ... 3-2
3.2.2. Analytical Results ... 3-2
3.3. REC-4 Transformers ... 3-3
3.3.1. Field Observations ... 3-3
3.3.2. Analytical Results ... 3-3
3.4. REC-5 Coal Storage Areas ... 3-3
3.4.1. Field Observations ... 3-3
3.4.2. Analytical Results ... 3-3

4. Conclusions and Recommendations 4-1

5. References 5-1

Tables

Table 1 – Soil Sample Results, VOCs, July 2008
Table 2 – Soil Sample Results, SVOCs, July 2008
Table 3 – Soil Sample Results, Metals, July 2008
Table 4 – Soil Sample Results, PCBs, July 2008

Figures

Figure 1-1 – Site Map Main Parcel
Figure 2-1 - Soil Sampling Locations REC1, REC2, REC3, and REC4

Appendices

A. Analytical Laboratory Reports
B. Boring Logs

1. Introduction

On behalf of the Development Authority of the Borough of Taylor, Malcolm Pirnie Inc. performed an investigation to evaluate certain conditions at the property identified as the Taylor Colliery (Site) in response to the observations described in a Phase I Environmental Assessment (Malcolm Pirnie, 2007).

1.1. Site Description

The Site is centrally located at 300 North Main Avenue in Taylor Pennsylvania as depicted on **Figure 1-1**. The Site consists of two parcels of property, totaling approximately 150 acres, located within a historically industrial area. The Site was determined to be appropriate for designation as a "brownfield" under a grant program administered by the United States Environmental Protection Agency (USEPA). The parcels of land are owned by the Development Authority of the Borough of Taylor and are collectively referred to as the Taylor Colliery. The Site is currently zoned for light industrial. The Site consists of a closed surface (strip), and a traditional (underground) coal mine and breaker. Both mining operations have ceased production. The Site is composed of two parcels as described below and as shown on **Figure 1-1**.

1.1.1. Canoe Parcel

The "canoe parcel," as the name implies, is shaped like a canoe and covers an area approximately 3,900 feet long and 700 feet wide. The canoe parcel juts out from the western side of the main parcel and is a designated mine-land area. There are no structures or major site features located on the canoe parcel.

1.1.2. Main Parcel

The main parcel consists of a meadow area in the far northeast corner and area in front of the beginning of the canoe parcel; woods are located in the northern-most area along 3rd Avenue and Pines Street, and along the southern half of the Main Street border. Mine-

lands are located within the middle interior of the main parcel and several abandoned and capped shafts and boreholes that were used during mining operations are located within the main parcel near the entrance to the canoe parcel. A detailed view of the main parcel is shown on **Figure 1-2**.

1.1.3. Site Structures and Major Features

The 150 acre site is mostly open space vegetated by deciduous and evergreen trees that reestablished after approximately 40 years of cessation of mining. Improvements of note currently present on Site include an access road consisting of laid stone and one existing building know as the "boiler building," located on the main parcel. It is noted that some dumping of debris has taken place on Site and it appears that the Site generally has not historically been maintained or secured. The dumping appears to consists of municipal waste, including durable goods (i.e. washers, dryers, sinks) and used passenger vehicle tires. A large open area that was apparently used for coal storage at one time is currently unvegetated. The area in the vicinity of the former breaker building has construction and demolition (C&D) debris present. A site walk concluded that the area was also used by ATV motorists. The property contains closed, backfilled, or otherwise capped mine and air shafts, and boreholes. Some areas where mining had taken place have been backfilled with refuse ash and local fill.

1.2. Phase I Environmental Site Assessment

A Phase I Environmental Site Assessment (Phase I) of the Site was completed by Malcolm Pirnie and submitted to USEPA Region III in December 2007. The Phase I identified the following Recognized Environmental Conditions (RECs):

- REC 1 – Potential unregistered underground storage tank (UST) of unknown size
- REC 2 – Petroleum staining within the boiler building
- REC 3 – Various empty containers drums
- REC 4 – Three (3) electrical transformers
- REC 5 – Coal storage areas

The RECs are all located on the main parcel.

2. Phase II Investigation

In July 2008, Malcolm Pirnie performed a soil investigation to investigate the following RECs identified in the Phase I:

- REC 1 – Potential unregistered UST of unknown size
- REC 2 – Petroleum staining within the boiler building
- REC 3 – Various empty containers drums
- REC 4 – Three (3) electrical transformers
- REC 5 – Coal storage areas

Sampling was conducted in accordance with the Site-Specific Sampling and Analysis Plan submitted to the USEPA in June 2008 (Malcolm Pirnie, 2008). Drilling was performed by Hill Environmental Remediation Services. Analytical Services were provided by Chemtech Laboratories of Mountainside, New Jersey.

2.1. REC 1 – Potential Underground Storage Tank (UST)

During the site reconnaissance conducted for the Phase I, a possible man-way to an underground storage tank was observed in the main parcel. In July 2008, a backhoe was used to excavate test pits adjacent to the structure to determine whether a UST was present. The structure turned out to be an airshaft or flush-well; therefore, no samples were collected.

2.2. REC 2 – Petroleum Staining

During the site reconnaissance conducted for the Phase I, apparent petroleum staining was observed within the interior of the boiler building. Three trench-like floor drains, two culverts, and a boiler were observed in the boiler building. The floor drains appeared to drain to the basement of the building. In July 2008, six soil borings were advanced through the floor of the boiler building basement and one sample was collected from each boring (REC2-BASE1 through REC2-BASE6). Sampling locations were biased toward

the floor drains, culverts and the boiler. Access for soil sampling beneath the basement floor was accomplished via concrete coring of the floor and samples were collected using a direct push sampler. Two borings (REC2-TRENCH1 and REC2-TRENCH2) were also advanced in two of the floor drains and one sample was collected from each boring. The floor drain borings were advanced to approximately three to four feet bgs using a hand auger. Samples were collected from the interval which indicated the highest potential for impacts based on field observations. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), Resource Conservation and Recovery Act (RCRA) metals, and polychlorinated biphenyls (PCBs) using USEPA Methods 8260B, 8270C, 6010 and 8082, respectively. Sample locations are depicted on **Figure 2-1**.

2.3. REC 3 – Empty Drums / Containers

In several locations within the main parcel, empty and rusted 55-gallon metal storage drums were observed during the Phase I. There was no evidence of identification labels on the drums. The majority of these drums were located at the periphery of the boiler building. In July 2008, five borings were advanced to approximately eight feet bgs in the areas of the drums using a direct push sampler. Based proximity of these borings to the boiler building, they were identified as REC2-SB-1 through REC2-SB-5. One sample was collected from each boring and analyzed for VOCs, SVOCs, RCRA metals, and PCBs. Samples were collected from the interval which indicated the highest potential for impacts based on field screening with a PID. Sample locations are depicted on **Figure 2-1**.

2.4. REC 4 – Electrical Transformers

Three transformer housings were identified in the main parcel of the Site during the Phase I. The transformers appeared to be empty; therefore, the soil surrounding the transformers was sampled for the presence of PCBs. In July 2008, three surface soil samples (REC4-S1 through REC4-S3) were collected (one from the base of each transformer) and analyzed for PCBs. Samples were collected from approximately six inches bgs using a hand auger. Sample locations are depicted on **Figure 2-1.**

2.5. REC 5 – Coal Storage Areas

In July 2008, two borings were advanced throughout the main parcel in the former coal storage areas. The borings were advanced to approximately eight feet bgs and one sample was collected from each boring using a direct push sampler. Samples were collected from the interval which indicated the highest potential for impacts based on field screening with a PID. The samples were analyzed for VOCs, SVOCs, RCRA metals, and PCBs. Two soil boring were also advanced in the area of the old breaker building, one was advanced to eight feet bgs and one was advanced two feet bgs. The shallow sample was based on direction from Taylor Borough personnel based on a historical photograph which displayed an electrical transformer pad and sampled for PCBs. The other boring was advanced to approximately eight feet bgs and one sample was collected from the boring using a direct push sampler. Samples were collected from the interval which indicated the highest potential for impacts based on field screening with a PID. The samples were analyzed for VOCs, SVOCs, RCRA metals, and PCBs.. Sample locations are depicted on **Figure 1-1**.

3. Results and Discussion

A total of 20 soil samples were collected at the Site as part of the Phase II investigation. No samples were collected from REC-1 because no UST was identified. Therefore, REC-1 is not included in the discussion below. All samples were analyzed for VOCs, SVOCs, RCRA metals, and PCBs with the exception of the REC-4 samples which were analyzed for PCBs only. All sampling results were compared to the Pennsylvania Department of Environmental Protection's (PADEP's) Statewide Health Standards (SHS). Tables 1 through 4 summarize the analytical results for VOCs, SVOCs, Metals, and PCBs in soil, respectively. Appendix A presents the analytical laboratory reports for the samples collected during this investigation.

3.1. REC-2 Petroleum Staining

3.1.1. Field Observations

As described in the borings logs in Appendix B, soils in this area generally consist of fill material composed of sand and gravel sized pieces of rock, wood, glass, and ash. No elevated PID readings were detected.

3.1.2. Analytical Results

3.1.2.1. VOCs

All laboratory analytical results for the samples collected from the boiler building basement and floor drains were less than residential and non-residential SHS for VOCs.

3.1.2.2. SVOCs

Several polycyclic aromatic hydrocarbons (PAHs) were detected above the residential and non-residential SHS in the samples collected from the boiler building floor drains (REC2-TRENCH1 and REC2-TRENCH2). No SVOCs were detected above residential or non-residential SHS in the samples collected from the boiler building basement.

3.1.2.3. RCRA Metals

Arsenic was detected above the residential and/or non-residential direct contact SHS in five of the six samples collected from the boiler building basement (REC2-BASE1 through REC2-BASE5). Selenium was also detected above the non-residential soil-to-groundwater SHS in REC2-BASE2. Arsenic was detected above the residential direct contact SHS in both of the samples collected from the boiler building floor drains (REC2-TRENCH1 and REC2-TRENCH2). Lead was detected above the residential and non-residential soil-to-groundwater SHS in both of these samples. Cadmium was also detected above the residential and non-residential soil-to-groundwater SHS in REC2-TRENCH1.

3.1.2.4. PCBs

No PCBs were detected in the samples collected from the boiler building basement and floor drains.

3.2. REC-3 Empty Drums / Containers

3.2.1. Field Observations

As described in the borings logs in Appendix B, soils in this area generally consist of fill material composed of sand and gravel sized pieces of rock, wood, glass, and ash. No elevated PID readings were detected.

3.2.2. Analytical Results

3.2.2.1. VOCs

All laboratory analytical results for the samples collected at the periphery of the boiler building were less than residential and non-residential SHS for VOCs.

3.2.2.2. SVOCs

All laboratory analytical results for the samples collected at the periphery of the boiler building were less than residential and non-residential SHS for SVOCs.

3.2.2.3. RCRA Metals

All laboratory analytical results for the samples collected at the periphery of the boiler building were less than residential and non-residential SHS for RCRA metals.

3.2.2.4. PCBs

No PCBs were detected in the samples collected at the periphery of the boiler building.

3.3. REC-4 Transformers

3.3.1. Field Observations

Soils in the vicinity of the transformers consisted of silty sand with various types of fill (ash, concrete fragments, and gravel) and coal fragments. PID readings ranged from 0.0 to 22.9 ppm.

3.3.2. Analytical Results

3.3.2.1. PCBs

No PCBs were detected in the samples collected from the soil surrounding the transformers.

3.4. REC-5 Coal Storage Areas

3.4.1. Field Observations

The soil boring for REC – 5 were taken from two distinct areas. SB-1 and SB-2 were taken from coal storage areas and the soils were identified as a layer of pulverized coal above fill, ash, and concrete gravel. SB-3 and SB-4 were taken in the vicinity of the old breaker. The soils in this area were identified as fill, ash, and concrete gravel. No elevated PID readings were detected at these location.

3.4.2. Analytical Results

3.4.2.1. VOCs

All laboratory analytical results for the samples collected from the coal storage areas were less than residential and non-residential SHS for VOCs.

3.4.2.2. SVOCs

All laboratory analytical results for the samples collected from the coal storage areas were less than residential and non-residential SHS for SVOCs.

3.4.2.3. RCRA Metals

Arsenic was detected above the residential direct contact SHS in two samples collected from the coal storage areas (REC5-SB1 and REC5-SB2). Laboratory analytical results for all of the remaining RCRA metals were less than residential and non-residential SHS.

3.4.2.4. PCBs

No PCBs were detected in the samples collected from the coal storage areas.

4. Conclusions and Recommendations

Based on the analytical results, the following RECs identified during the Phase I require no further action:

- REC 1 – Potential unregistered UST of unknown size
  - No UST was identified.
- REC 3 – Various empty containers drums
  - All laboratory analytical results for VOCs, SVOCs, RCRA metals, and PCBs were below residential and non-residential SHS for samples collected in this area.
- REC 4 – Three (3) electrical transformers
  - No PCBs were detected for samples collected in this area.

In addition, all laboratory analytical results for VOCs and PCBs were below residential and non-residential SHS throughout the Site. Therefore no further action is recommended regarding VOCs and PCBs in soil.

REC-2

Some level of effort would be required under an Act 2 closure scenario to address PAH and metals concentrations in soil on-Site. Several PAHs were detected above residential and non-residential SHS in the samples collected from the boiler building floor drains. Analytical results for the sample REC2-TRENCH1 exceeded non-residential SHS for both the direct contact and soil-to-groundwater pathway. Based on the isolated nature of these exceedances, the most effective way to obtain an Act 2 closure with regard to PAHs in soil may be to excavate and dispose of the soils in and around the floor drains.

Based on the non-residential use of the Site, the only metals concentrations that would likely need to be addressed to obtain an Act 2 closure are the arsenic and selenium concentrations in the samples collected from the boiler building basement. Arsenic was

detected in four of the six samples at concentrations exceeding the SHS for the direct contact pathway. One of these samples also exceeded the non-residential SHS for the soil-to-groundwater pathway for arsenic and selenium. Recent promulgation of the Pennsylvania Uniform Environmental Covenants Act (UECA) closure under the non-residential MSCs would likely result in PADEP requiring deed restriction and possibly maintenance of engineering controls to eliminate potential exposure pathways for arsenic and selenium in soil on-Site.

In addition, if the current use scenario changes (i.e. from non-residential to residential) a deed restriction may be necessary to eliminate potential exposure pathways for lead and cadmium.

REC-5

Two of soil boring for REC-5 were taken in the area known as "coal storage" and were found to exceed the residential and non-residential direct contact SHS for arsenic. The samples were taken in what was identified during the site visit as within the coal storage areas, as representative samples. Due the size of these areas, approximate 45 acres, we recommend further sampling to identify the extent of the area of elevated arsenic levels.

5. References

Malcolm Pirnie. December 2007. *Phase I Environmental Site Assessment Report, 300 North Main Street, Taylor, PA 18517.*

Malcolm Pirnie. June 2008. *U.S. EPA Region III Brownfields, Site-Specific Sampling and Analysis Plan, BF-97344101 Taylor Borough Brownfield Assessment Grant.*

Table 1
Taylor Colliery
Soil Sample Results
Volatile Organic Compounds
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-BASE1	REC2-BASE2	REC2-BASE3	REC2-BASE4	REC2-BASE5	REC2-BASE6	REC2-TRENCH1	REC2-TRENCH2	REC2-SB-1(0-1)	REC2-SB-2(1-2)	REC2-SB-3(1-2)	REC2-SB-4(0.5-1.5)
Sample Depth (feet bgs)				0 - 2	0-2	0-2	0-2	0-2	0-2	2-3	3-4	0-1	1-2	1-2	0.5-1.5
Lab Sample Number	Residential [1]	Non-Residential [1]	Non-Residential [1]	Z3664-01	Z3664-02	Z3664-03	Z3664-04	Z3664-05	Z3664-06	Z3664-07	Z3664-08	Z3664-09	Z3664-10	Z3664-11	Z3664-12
Sampling Date		Surface Soil	Subsurface Soil	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor				1	1	1	1	1	1	1	1	1	1	1	1
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
VOLATILE ORGANIC COMPOUNDS															
Dichlorodifluoromethane	100000	100000	100000	2.4 U	3.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.7 U	3.1 U	2 U	2.1 U	2 U	2 U
Chloromethane	300	300	300	1.7 U	2.2 U	1.6 U	1.6 U	1.6 U	1.6 U	1.9 U	2.2 U	1.4 U	1.4 U	1.4 U	1.4 U
Vinyl Chloride	200	200	200	1.7 U	2.3 U	1.6 U	1.7 U	1.6 U	1.6 U	1.9 U	2.2 U	1.4 U	1.5 U	1.5 U	1.5 U
Bromomethane	1000	1000	1000	2.6 U	3.3 U	2.4 U	2.5 U	2.4 U	2.4 U	2.9 U	3.3 U	2.1 U	2.2 U	2.1 U	2.1 U
Chloroethane	23000	90000	90000	2.3 U	3.1 U	2.2 U	2.2 U	2.2 U	2.2 U	2.6 U	3 U	1.9 U	2 U	2 U	1.9 U
Trichlorofluoromethane	200000	200000	200000	1.5 U	2 U	1.4 U	1.4 U	1.4 U	1.4 U	1.7 U	1.9 U	1.2 U	1.3 U	1.3 U	1.3 U
1,1,2-Trichlorotrifluoroethane	26000000	53000000	53000000	2.1 U	2.8 U	2 U	2 U	2 U	2 U	2.4 U	2.7 U	1.8 U	1.8 U	1.8 U	1.8 U
1,1-Dichloroethene	700	700	700	1.3 U	1.6 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U	1.6 U	1 U	1.1 U	1.1 U	1.1 U
Acetone	370000	1000000	1000000	63	180	20 U	53	46	42	97	140	18 U	70	27	160
Carbon Disulfide	190000	410000	410000	1.4 U	1.8 U	1.3 U	1.3 U	1.3 U	1.3 U	1.5 U	1.7 U	1.1 U	1.2 U	1.1 U	1.1 U
Methyl tert-butyl Ether	2000	2000	2000	1.1 U	1.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	0.93 U	0.96 U	0.94 U	0.94 U
Methyl Acetate	3700000	10000000	10000000	2.1 U	2.8 U	2 U	2 U	2 U	2 U	2.4 U	2.7 U	1.8 U	1.8 U	29	130
Methylene Chloride	500	500	500	3.1 U	4 U	2.9 U	2.9 U	2.9 U	2.9 U	3.4 U	3.9 U	2.9 J	2.6 U	2.6 J	2.6 U
trans-1,2-Dichloroethene	10000	10000	10000	1.6 U	2 U	1.5 U	1.5 U	1.5 U	1.5 U	1.7 U	2 U	1.3 U	1.3 U	1.3 U	1.3 U
1,1-Dichloroethane	2700	11000	11000	1.4 U	1.8 U	1.3 U	1.4 U	1.3 U	1.3 U	1.6 U	1.8 U	1.2 U	1.2 U	1.2 U	1.2 U
Cyclohexane	NS	NS	NS	1.3 U	1.7 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U	1.7 U	1.1 U	1.1 U	1.1 U	1.1 U
2-Butanone	280000	580000	580000	6.4 U	8.3 U	6 U	6.1 U	5.9 U	6 U	7.1 U	9.7 J	5.3 U	5.4 U	5.3 U	5.3 U
Carbon Tetrachloride	500	500	500	0.75 U	0.97 U	0.71 U	0.71 U	0.7 U	0.7 U	0.83 U	0.96 U	0.62 U	0.64 U	0.62 U	0.62 U
cis-1,2-Dichloroethene	7000	7000	7000	1.6 U	2.1 U	1.5 U	1.6 U	1.5 U	1.5 U	1.8 U	2.1 U	1.4 U	1.4 U	1.4 U	1.4 U
Chloroform	6000	10000	10000	1.1 U	1.5 U	4.2 J	1.1 U	10	3 J	1.3 U	1.4 U	0.93 U	0.96 U	0.94 U	0.94 U
1,1,1-Trichloroethane	20000	20000	20000	1.2 U	1.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	1.5 U	1 U	1 U	1 U	1 U
Methylcyclohexane	NS	NS	NS	1.1 U	1.4 U	0.99 U	1 U	0.98 U	0.99 U	1.2 U	1.3 U	0.87 U	0.9 U	0.88 U	0.87 U
Benzene	500	500	500	0.91 U	1.2 U	0.86 U	0.87 U	0.85 U	0.86 U	12	42	0.75 U	0.78 U	0.76 U	0.76 U
1,2-Dichloroethane	500	500	500	1 U	1.4 U	0.98 U	0.99 U	0.97 U	0.98 U	1.2 U	1.3 U	0.86 U	0.88 U	0.87 U	0.86 U
Trichloroethene	500	500	500	0.92 U	1.2 U	0.87 U	0.88 U	0.86 U	0.87 U	1 U	1.2 U	0.77 U	0.79 U	0.77 U	0.77 U
1,2-Dichloropropane	500	500	500	1.2 U	1.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	1.5 U	0.99 U	1 U	0.99 U	0.99 U
Bromodichloromethane	8600	10000	10000	0.89 U	1.2 U	0.84 U	0.85 U	0.83 U	0.83 U	0.99 U	1.1 U	0.73 U	0.75 U	0.74 U	0.74 U
4-Methyl-2-Pentanone	19000	41000	41000	4.8 U	6.3 U	4.6 U	4.6 U	4.5 U	4.5 U	5.4 U	6.2 U	4 U	4.1 U	4 U	4 U
Toluene	100000	100000	100000	1.1 U	8.2 J	1.1 U	1.1 U	1 U	1 U	5.9 J	11	100	0.95 U	0.93 U	0.93 U
t-1,3-Dichloropropene	NS	NS	NS	1.1 U	1.4 U	1 U	1 U	0.99 U	1 U	1.2 U	1.4 U	0.88 U	0.91 U	0.89 U	0.88 U
cis-1,3-Dichloropropene	NS	NS	NS	0.85 U	1.1 U	0.8 U	0.81 U	0.79 U	0.8 U	0.94 U	1.1 U	0.7 U	0.72 U	0.71 U	0.7 U
1,1,2-Trichloroethane	500	500	500	0.77 U	1 U	0.73 U	0.74 U	0.72 U	0.73 U	0.86 U	0.99 U	0.64 U	0.66 U	0.64 U	0.64 U
2-Hexanone	NS	NS	NS	5.5 U	7.2 U	5.2 U	5.3 U	5.2 U	5.2 U	6.2 U	7.1 U	4.6 U	4.7 U	4.6 U	4.6 U
Dibromochloromethane	10000	10000	10000	0.84 U	1.1 U	0.79 U	0.8 U	0.78 U	0.79 U	0.93 U	1.1 U	0.69 U	0.71 U	0.7 U	0.69 U
1,2-Dibromoethane	5	5	5	1 U	1.4 U	0.98 U	0.99 U	0.97 U	0.98 U	1.2 U	1.3 U	0.86 U	0.88 U	0.87 U	0.86 U
Tetrachloroethene	500	500	500	1.6 U	2 U	1.5 U	1.5 U	1.5 U	1.5 U	1.7 U	2 U	1.3 U	1.3 U	1.3 U	1.3 U
Chlorobenzene	10000	10000	10000	0.96 U	1.3 U	0.91 U	0.92 U	0.9 U	0.9 U	1.1 U	1.2 U	0.8 U	0.82 U	0.8 U	0.8 U
Ethyl Benzene	70000	70000	70000	1 U	1.3 U	0.96 U	0.97 U	0.94 U	0.95 U	1.7 J	3.5 J	7.2	0.86 U	0.84 U	0.84 U
m/p-Xylenes	NS	NS	NS	2.4 U	3.1 U	2.2 U	2.2 U	2.2 U	2.2 U	4.9 J	9.4 J	54	2 U	2 U	2 U
o-Xylene	NS	NS	NS	0.96 U	1.3 U	0.91 U	0.92 U	0.9 U	0.9 U	2.6 J	4.6 J	20	0.82 U	0.8 U	0.8 U
Styrene	24000	24000	24000	0.78 U	1 U	0.74 U	0.75 U	0.73 U	0.74 U	0.87 U	1 U	0.65 U	0.67 U	0.65 U	0.65 U
Bromoform	10000	10000	10000	1 U	1.3 U	0.97 U	0.98 U	0.96 U	0.96 U	1.1 U	1.3 U	0.85 U	0.87 U	0.85 U	0.85 U
Isopropylbenzene	780000	1600000	1600000	1 U	1.4 U	0.98 U	0.99 U	0.97 U	0.98 U	1.2 U	3.3 J	0.86 U	0.88 U	0.87 U	0.86 U
1,1,2,2-Tetrachloroethane	30	30	30	1.1 U	1.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	1.4 U	0.93 U	0.96 U	0.94 U	0.94 U
1,3-Dichlorobenzene	61000	61000	61000	0.85 U	1.1 U	0.8 U	0.81 U	0.79 U	0.8 U	0.94 U	1.1 U	0.7 U	0.72 U	0.71 U	0.7 U
1,4-Dichlorobenzene	10000	10000	10000	0.97 U	1.3 U	0.92 U	0.93 U	0.91 U	0.92 U	1.1 U	1.2 U	0.81 U	0.83 U	0.81 U	0.81 U
1,2-Dichlorobenzene	60000	60000	60000	1.1 U	1.4 U	1 U	1 U	1 U	1 U	1.2 U	1.4 U	0.9 U	0.93 U	0.91 U	0.9 U
1,2-Dibromo-3-Chloropropane	20	20	20	1.3 U	1.7 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U	1.7 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trichlorobenzene	27000	27000	27000	0.84 U	1.1 U	0.79 U	0.8 U	0.78 U	0.79 U	0.93 U	1.1 U	0.69 U	0.71 U	0.7 U	0.69 U
Total Confident Conc.				63	188.2	4.2	53	56	45	124.1	223.5	184.1	70	58.6	290

bgs - below ground surface
U - Not Detected
E - Value Exceeds Calibration Range
J - Estimated Value
B - Analyte Found in Associated Method Blank
N - Presumptive Evidence of a Compound
NS - No Standard

Table 1
Taylor Colliery
Soil Sample Results
Volatile Organic Compounds
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-SB-5(2-3)	REC5-SB-1(3-3.5)	REC5-SB-2(5.5-6.5)	REC5-SB-2(5.5-6.5)DUP	REC5-SB-3(3-4)
Sample Depth (feet bgs)				2-3	3-3.5	5.5-6.5	5.5-6.5	3-4
Lab Sample Number	Residential [1]	Non-Residential [1]	Non-Residential [1]	Z3664-13	Z3664-14	Z3664-15	Z3664-24	Z3664-16
Sampling Date		Surface Soil	Subsurface Soil	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor				1	1	1	1	1
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
VOLATILE ORGANIC COMPOUNDS								
Dichlorodifluoromethane	100000	100000	100000	2.1 U	2 U	2.4 U	2.4 U	2.4 U
Chloromethane	300	300	300	1.4 U	1.4 U	1.7 U	1.7 U	1.6 U
Vinyl Chloride	200	200	200	1.5 U	1.4 U	1.7 U	1.7 U	1.7 U
Bromomethane	1000	1000	1000	2.2 U	2.1 U	2.6 U	2.6 U	2.5 U
Chloroethane	23000	90000	90000	2 U	1.9 U	2.3 U	2.3 U	2.3 U
Trichlorofluoromethane	200000	200000	200000	1.3 U	1.2 U	1.5 U	1.5 U	1.5 U
1,1,2-Trichlorotrifluoroethane	26000000	53000000	53000000	1.8 U	1.8 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethene	700	700	700	1.1 U	1 U	1.3 U	1.3 U	1.2 U
Acetone	370000	1000000	1000000	19 U	18 U	22 U	21 U	21 U
Carbon Disulfide	190000	410000	410000	1.2 U	1.1 U	1.4 U	1.4 U	1.3 U
Methyl tert-butyl Ether	2000	2000	2000	0.97 U	0.93 U	1.1 U	1.1 U	1.1 U
Methyl Acetate	3700000	10000000	10000000	1.8 U	1.8 U	2.1 U	2.1 U	2.1 U
Methylene Chloride	500	500	500	2.6 U	2.5 U	3.1 U	3.1 U	3 U
trans-1,2-Dichloroethene	10000	10000	10000	1.3 U	1.3 U	1.6 U	1.6 U	1.5 U
1,1-Dichloroethane	2700	11000	11000	1.2 U	1.2 U	1.4 U	1.4 U	1.4 U
Cyclohexane	NS	NS	NS	1.1 U	1.1 U	1.3 U	1.3 U	1.2 U
2-Butanone	280000	580000	580000	5.5 U	5.3 U	6.4 U	6.3 U	6.1 U
Carbon Tetrachloride	500	500	500	0.64 U	0.62 U	0.75 U	0.74 U	0.72 U
cis-1,2-Dichloroethene	7000	7000	7000	1.4 U	1.4 U	1.6 U	1.6 U	1.6 U
Chloroform	6000	10000	10000	0.97 U	0.93 U	1.1 U	1.1 U	1.1 U
1,1,1-Trichloroethane	20000	20000	20000	1 U	0.99 U	1.2 U	1.2 U	1.2 U
Methylcyclohexane	NS	NS	NS	0.9 U	0.87 U	1.1 U	1 U	1 U
Benzene	500	500	500	0.78 U	0.75 U	0.91 U	0.91 U	0.88 U
1,2-Dichloroethane	500	500	500	0.89 U	0.86 U	1 U	1 U	1 U
Trichloroethene	500	500	500	0.79 U	0.76 U	0.92 U	0.92 U	0.89 U
1,2-Dichloropropane	500	500	500	1 U	0.98 U	1.2 U	1.2 U	1.2 U
Bromodichloromethane	8600	10000	10000	0.76 U	0.73 U	0.89 U	0.88 U	0.86 U
4-Methyl-2-Pentanone	19000	41000	41000	4.2 U	4 U	4.8 U	4.8 U	4.7 U
Toluene	100000	100000	100000	0.96 U	0.92 U	1.1 U	1.1 U	1.1 U
t-1,3-Dichloropropene	NS	NS	NS	0.91 U	0.88 U	1.1 U	1.1 U	1 U
cis-1,3-Dichloropropene	NS	NS	NS	0.73 U	0.7 U	0.85 U	0.84 U	0.82 U
1,1,2-Trichloroethane	500	500	500	0.66 U	0.64 U	0.77 U	0.77 U	0.75 U
2-Hexanone	NS	NS	NS	4.8 U	4.6 U	5.5 U	5.5 U	5.4 U
Dibromochloromethane	10000	10000	10000	0.72 U	0.69 U	0.84 U	0.83 U	0.81 U
1,2-Dibromoethane	5	5	5	0.89 U	0.86 U	1 U	1 U	1 U
Tetrachloroethene	500	500	500	1.3 U	1.3 U	1.6 U	1.6 U	1.5 U
Chlorobenzene	10000	10000	10000	0.83 U	0.8 U	0.96 U	0.96 U	0.93 U
Ethyl Benzene	70000	70000	70000	0.87 U	0.84 U	1 U	1 U	0.98 U
m/p-Xylenes	NS	NS	NS	2 U	1.9 U	2.4 U	2.3 U	2.3 U
o-Xylene	NS	NS	NS	0.83 U	0.8 U	0.96 U	0.96 U	0.93 U
Styrene	24000	24000	24000	0.67 U	0.65 U	0.78 U	0.78 U	0.76 U
Bromoform	10000	10000	10000	0.88 U	0.85 U	1 U	1 U	0.99 U
Isopropylbenzene	780000	1600000	1600000	0.89 U	0.86 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	30	30	30	0.97 U	0.93 U	1.1 U	1.1 U	1.1 U
1,3-Dichlorobenzene	61000	61000	61000	0.73 U	0.7 U	0.85 U	0.84 U	0.82 U
1,4-Dichlorobenzene	10000	10000	10000	0.84 U	0.81 U	0.97 U	0.97 U	0.94 U
1,2-Dichlorobenzene	60000	60000	60000	0.94 U	0.9 U	1.1 U	1.1 U	1.1 U
1,2-Dibromo-3-Chloropropane	20	20	20	1.1 U	1.1 U	1.3 U	1.3 U	1.2 U
1,2,4-Trichlorobenzene	27000	27000	27000	0.72 U	0.69 U	0.84 U	0.83 U	0.81 U
Total Confident Conc.				0	0	0	0	0

bgs - below ground surface
U - Not Detected
E - Value Exceeds Calibration Range
J - Estimated Value
B - Analyte Found in Associated Method Blank
N - Presumptive Evidence of a Compound
NS - No Standard

Table 2
Taylor Colliery
Soil Sample Results
Semivolatile Organic Compounds
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-BASE1	REC2-BASE2	REC2-BASE3	REC2-BASE4	REC2-BASE5	REC2-BASE6	REC2-TRENCH1	REC2-TRENCH2	REC2-TRENCH2DL	REC2-SB-1(0-1)	REC2-SB-2(1-2)	REC2-SB-3(1-2)	REC2-SB-4(0.5-1.5)	REC2-SB-5(2-3)	REC5-SB-1(3-3.5)	REC5-SB-2(5.5-6.5)	REC5-SB-2(5.5-6.5)DUP	REC5-SB-3(6-7)
Sample Depth						0-2	0-2	0-2	0-2	0-2	0-2	2-3	3-4	3-4	0-1	1-2	1-2	0.5-1.5	2-3	3-3.5	5.5-6.5	5.5-6.5	6-7
Lab Sample Number	Residential Soil to Groundwater Used Aquifer (TDS ≤ 2500)	Non-Residential Soil to Groundwater Used Aquifer (TDS ≤ 2500)	Residential Direct Contact 0-15 feet bgs	Non-Residential Direct Contact 0-2 feet bgs	Non-Residential Direct Contact 2-15 feet bgs	Z3664-01	Z3664-02	Z3664-03	Z3664-04	Z3664-05	Z3664-06	Z3664-07	Z3664-08	Z3664-08DL	Z3664-09	Z3664-10	Z3664-11	Z3664-12	Z3664-13	Z3664-14	Z3664-15	Z3664-24	Z3664-17
Sampling Date						7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor						1	1	1	2	1	1	20	2	4	1	1	1	1	1	1	1	1	1
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
SEMIVOLATILE ORGANIC COMPOUNDS																							
Benzaldehyde	NS	NS	NS	NS	NS	14 U	18 U	13 U	27 U	13 U	13 U	3000 U	340 U	680 UD	12 U	12 U	12 U	12 U	12 U	12 U	14 U	14 U	13 U
Phenol	400	400	130000	190000	190000	12 U	15 U	11 U	22 U	11 U	11 U	2500 U	280 U	560 UD	9.7 U	10 U	9.7 U	9.8 U	10 U	9.8 U	12 U	12 U	11 U
bis(2-Chloroethyl)ether	0.013	0.055	0.96	5	5.7	5.5 U	7.1 U	5.1 U	10 U	5.1 U	5.1 U	1200 U	130 U	270 UD	4.5 U	4.7 U	4.6 U	4.6 U	4.7 U	4.6 U	5.5 U	5.5 U	5 U
2-Chlorophenol	4.4	4.4	330	920	1100	11 U	15 U	11 U	22 U	11 U	11 U	2500 U	280 U	550 UD	9.4 U	9.7 U	9.5 U	9.5 U	9.8 U	9.5 U	11 U	11 U	10 U
2-Methylphenol	180	510	10000	10000	10000	11 U	14 U	10 U	21 U	10 U	10 U	2400 U	270 U	540 UD	9.3 U	9.5 U	9.3 U	9.3 U	9.6 U	9.3 U	11 U	11 U	10 U
2,2-oxybis(1-Chloropropane)	30	30	32	160	190	17 U	22 U	16 U	33 U	16 U	16 U	3700 U	420 U	840 UD	14 U	15 U	14 U	14 U	15 U	14 U	17 U	17 U	16 U
Acetophenone	370	1000	10000	10000	10000	12 U	16 U	12 U	24 U	12 U	12 U	2700 U	300 U	610 UD	10 U	11 U	10 U	10 U	11 U	10 U	12 U	12 U	11 U
3+4-Methylphenols	18	51	1100	14000	190000	13 U	16 U	12 U	24 U	12 U	12 U	2700 U	310 U	620 UD	11 U	11 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
N-Nitroso-di-n-propylamine	0.0094	0.037	2.6	11	10000	15 U	20 U	14 U	29 U	14 U	14 U	3300 U	370 U	740 UD	13 U	13 U	13 U	13 U	13 U	13 U	15 U	15 U	14 U
Hexachloroethane	0.56	0.56	220	2800	190000	14 U	18 U	13 U	26 U	13 U	13 U	3000 U	330 U	660 UD	11 U	12 U	11 U	12 U	12 U	11 U	14 U	14 U	13 U
Nitrobenzene	1.8	5.1	110	1400	10000	9.8 U	13 U	9.2 U	19 U	9.1 U	9.2 U	2100 U	240 U	480 UD	8.2 U	8.4 U	8.2 U	8.2 U	8.5 U	8.2 U	9.8 U	9.8 U	9 U
Isophorone	30	10	10000	10000	10000	14 U	18 U	13 U	26 U	13 U	13 U	3000 U	330 U	670 UD	11 U	12 U	11 U	12 U	12 U	11 U	14 U	14 U	13 U
2-Nitrophenol	29	82	1800	22000	190000	15 U	20 U	14 U	29 U	14 U	14 U	3300 U	370 U	740 UD	13 U	13 U	13 U	13 U	13 U	13 U	15 U	15 U	14 U
2,4-Dimethylphenol	73	200	4400	10000	10000	12 U	16 U	12 U	24 U	12 U	12 U	2700 U	300 U	610 UD	10 U	11 U	10 U	11 U	11 U	10 U	12 U	12 U	11 U
bis(2-Chloroethoxy)methane	NS	NS	NS	NS	NS	9.6 U	12 U	9 U	18 U	8.9 U	9 U	2100 U	230 U	470 UD	8 U	8.3 U	8.1 U	8.1 U	8.3 U	8.1 U	9.6 U	9.6 U	8.8 U
2,4-Dichlorophenol	2	2	660	8400	190000	9.9 U	13 U	9.3 U	19 U	9.2 U	9.3 U	2100 U	240 U	480 UD	8.3 U	8.5 U	8.3 U	8.3 U	8.6 U	8.3 U	9.9 U	9.9 U	9.1 U
Naphthalene	25	25	4400	56000	190000	10 U	13 U	9.5 U	19 U	9.4 U	9.5 U	2200 U	250 U	490 UD	8.4 U	8.7 U	8.5 U	8.5 U	8.7 U	8.5 U	10 U	10 U	9.2 U
4-Chloroaniline	19	52	880	11000	190000	28 U	36 U	26 U	52 U	26 U	26 U	6000 U	670 U	1300 UD	23 U	24 U	23 U	23 U	24 U	23 U	28 U	27 U	25 U
Hexachlorobutadiene	1.2	1.2	44	560	10000	17 U	22 U	16 U	32 U	16 U	16 U	3700 U	410 U	820 UD	14 U	15 U	14 U	14 U	15 U	14 U	17 U	17 U	16 U
Caprolactam	NS	NS	NS	NS	NS	50 U	65 U	200 J	95 U	47 U	47 U	11000 U	1200 U	2400 UD	42 U	43 U	42 U	42 U	43 U	42 U	50 U	50 U	46 U
4-Chloro-3-methylphenol	37	110	1100	14000	190000	12 U	16 U	12 U	23 U	11 U	12 U	2700 U	300 U	600 UD	10 U	11 U	10 U	10 U	11 U	10 U	12 U	12 U	11 U
2-Methylnaphthalene	2900	8000	4400	10000	10000	12 U	15 U	11 U	22 U	11 U	11 U	2600 U	290 U	570 UD	9.8 U	10 U	9.9 U	9.9 U	10 U	9.9 U	12 U	12 U	11 U
Hexachlorocyclopentadiene	91	91	1300	10000	10000	21 U	28 U	20 U	41 U	20 U	20 U	4600 U	520 U	1000 UD	18 U	18 U	18 U	18 U	19 U	18 U	21 U	21 U	20 U
2,4,6-Trichlorophenol	3.1	8.9	66	840	190000	9.7 U	13 U	9.1 U	18 U	9 U	9.1 U	2100 U	240 U	470 UD	8.1 U	8.4 U	8.2 U	8.2 U	8.4 U	8.2 U	9.7 U	9.7 U	8.9 U
2,4,5-Trichlorophenol	2300	6100	22000	190000	190000	12 U	16 U	12 U	24 U	11 U	12 U	2700 U	300 U	600 UD	10 U	11 U	10 U	10 U	11 U	10 U	12 U	12 U	11 U
1,1-Biphenyl	790	2200	11000	140000	190000	12 U	16 U	12 U	24 U	11 U	12 U	2700 U	300 U	600 UD	10 U	11 U	10 U	10 U	11 U	10 U	12 U	12 U	11 U
2-Chloronaphthalene	6200	18000	18000	190000	190000	10 U	13 U	9.5 U	19 U	9.4 U	9.5 U	2200 U	250 U	490 UD	8.4 U	8.7 U	8.5 U	8.5 U	8.8 U	8.5 U	10 U	10 U	9.3 U
2-Nitroaniline	0.21	0.58	13	160	190000	20 U	25 U	18 U	37 U	18 U	18 U	4200 U	480 U	950 UD	16 U	17 U	16 U	16 U	17 U	16 U	20 U	20 U	18 U
Dimethylphthalate	NS	NS	NS	NS	NS	12 U	16 U	11 U	23 U	11 U	11 U	2600 U	300 U	590 UD	10 U	10 U	10 U	10 U	11 U	10 U	12 U	12 U	11 U
Acenaphthylene	2500	6000	13000	170000	190000	6.1 U	7.9 U	5.8 U	12 U	5.7 U	5.7 U	19000 J	2800 J	2100 JD	5.1 U	5.3 U	5.1 U	5.1 U	5.3 U	5.1 U	6.1 U	6.1 U	5.6 U
2,6-Dinitrotoluene	3.7	10	220	2800	190000	15 U	19 U	14 U	28 U	14 U	14 U	3200 U	360 U	730 UD	12 U	13 U	13 U	13 U	13 U	13 U	15 U	15 U	14 U
3-Nitroaniline	0.21	0.58	13	160	190000	28 U	36 U	26 U	53 U	26 U	26 U	6000 U	670 U	1300 UD	23 U	24 U	23 U	23 U	24 U	23 U	28 U	28 U	25 U
Acenaphthene	2700	4700	13000	170000	190000	9 U	12 U	8.5 U	17 U	8.4 U	8.5 U	11000 J	220 U	440 UD	7.5 U	7.8 U	7.6 U	7.6 U	7.8 U	7.6 U	9 U	9 U	8.3 U
2,4-Dinitrophenol	1.9	4.1	440	5600	190000	22 U	29 U	21 U	42 U	21 U	21 U	4800 U	540 U	1100 UD	19 U	19 U	19 U	19 U	19 U	19 U	22 U	22 U	20 U
4-Nitrophenol	6	6	1800	22000	190000	25 U	32 U	23 U	47 U	23 U	23 U	5400 U	600 U	1200 UD	21 U	21 U	21 U	21 U	21 U	21 U	25 U	25 U	23 U
Dibenzofuran	NS	NS	NS	NS	NS	13 U	17 U	12 U	25 U	12 U	12 U	2800 U	310 U	630 UD	11 U	11 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
2,4-Dinitrotoluene	0.21	0.84	58	260	190000	14 U	18 U	13 U	26 U	13 U	13 U	3000 U	340 U	670 UD	12 U	12 U	12 U	12 U	12 U	12 U	14 U	14 U	13 U
Diethylphthalate	500	500	10000	10000	10000	14 U	18 U	13 U	27 U	13 U	13 U	3100 U	350 U	690 UD	12 U	12 U	12 U	12 U	12 U	12 U	14 U	14 U	13 U
4-Chlorophenyl-phenylether	NS	NS	NS	NS	NS	16 U	21 U	15 U	30 U	15 U	15 U	3400 U	390 U	770 UD	13 U	14 U	13 U	13 U	14 U	13 U	16 U	16 U	15 U
Fluorene	3000	3600	8800	110000	190000	11 U	15 U	11 U	21 U	10 U	11 U	14000 J	1200 J	550 UD	9.4 U	9.7 U	9.4 U	9.5 U	9.7 U	9.4 U	11 U	11 U	10 U
4-Nitroaniline	0.21	0.58	13	160	190000	31 U	43 U	31 U	63 U	31 U	31 U	7100 U	800 U	1600 UD	27 U	28 U	28 U	28 U	28 U	28 U	33 U	33 U	30 U
4,6-Dinitro-2-methylphenol	NS	NS	NS	NS	NS	57 U	73 U	53 U	110 U	52 U	53 U	12000 U	1400 U	2700 UD	47 U	49 U	47 U	48 U	49 U	47 U	56 U	56 U	52 U
N-Nitrosodiphenylamine	20	83	3700	16000	190000	31 U	41 U	30 U	60 U	29 U	29 U	6800 U	760 U	1500 UD	26 U	27 U	26 U	26 U	27 U	26 U	31 U	31 U	29 U
4-Bromophenyl-phenylether	NS	NS	NS	NS	NS	19 U	25 U	18 U	36 U	18 U	18 U	4100 U	460 U	930 UD	16 U	16 U	16 U	16 U	16 U	16 U	19 U	19 U	17 U
Hexachlorobenzene	0.96	0.96	11	50	190000	13 U	16 U	12 U	24 U	12 U	12 U	2700 U	310 U	610 UD	11 U	11 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
Atrazine	0.3	0.3	81	360	190000	30 U	38 U	28 U	56 U	27 U	28 U	6400 U	720 U	1400 UD	25 U	25 U	25 U	25 U	26 U	25 U	30 U	29 U	27 U
Pentachlorophenol	5	5	150	660	190000	47 U	61 U	45 U	90 U	44 U	44 U	10000 U	1200 U	2300 UD	39 U	41 U	40 U	40 U	41 U	40 U	47 U	47 U	43 U
Phenanthrene	10000	10000	66000	190000	190000	13 U	17 U	12 U	25 U	12 U	12 U	2300000	24000	23000 D	79 J	75 J	11 U	11 U	11 U	52 J	13 U	13 U	12 U
Anthracene	350	350	66000	190000	190000	14 U	18 U	13 U	27 U	13 U	13 U	59000 J	6100 J	4900 JD	12 U	12 U	12 U	12 U	12 U	12 U	14 U	14 U	13 U
Carbazole	21	83	900	4000	190000	32 U	41 U	30 U	61 U	30 U	30 U	38000 J	3500 J	3100 JD	27 U	27 U	27 U	27 U	28 U	27 U	32 U	32 U	29 U
Di-n-butylphthalate	1500	4100	10000	10000	10000	20 U	25 U	18 U	37 U	18 U	18 U	4200 U	480 U	950 UD	16 U	17 U	16 U	17 U	17 U	16 U	20 U	20 U	18 U
Fluoranthene	3200	3200	8800	110000	190000	10 U	13 U	9.5 U	19 U	9.4 U	9.5 U	540000	71000 E	68000 D	280 J	190 J	8.5 U	8.5 U	8.8 U	64 J	10 U	10 U	9.3 U
Pyrene	2200	2200	6600	84000	190000	9.1 U	12 U	8.6 U	17 U	8.5 U	8.6 U	430000	56000	55000 D	210 J	150 J	7.6 U	7.7 U	7.9 U	50 J	9.1 U	9.1 U	8.4 U
Butylbenzylphthalate	10000	10000	10000	10000	10000	26 U	34 U	25 U	50 U	25 U	25 U	5700 U	640 U	1300 UD	22 U	23 U	22 U	22 U	23 U	22 U	26 U	26 U	24 U
3,3-Dichlorobenzidine	8.3	32	40	180	190000	32 U	41 U	30 U	60 U	29 U	30 U	6800 U	770 U	1500 UD	26 U	27 U	26 U	27 U	27 U	26 U	32 U	31 U	29 U
Benzo(a)anthracene	79	320	25	110	190000	10 U	13 U	9.5 U	19 U	9.3 U	9.4 U	280000	36000	34000 D	130 J	88 J	8.4 U	8.5 U	8.7 U	8.5 U	10 U	10 U	9.2 U
Chrysene	230	230	2500	11000	190000	7.8 U	10 U	7.3 U	15 U	7.2 U	7.3 U	270000	36000	34000 D	140 J	92 J	6.5 U	6.5 U	6.7 U	6.5 U	7.8 U	7.8 U	7.1 U
bis(2-Ethylhexyl)phthalate	130	130	1300	5700	10000	16 U	21 U	15 U	30 U	15 U	15 U	3500 U	390 U	780 UD	13 U	14 U	13 U	13 U	14 U	13 U	16 U	16 U	15 U
Di-n-octyl phthalate	10000	10000	4400	10000	10000	15 U	19 U	14 U	28 U	14 U	14 U	3200 U	360 U	710 UD	12 U	13 U	12 U	12 U	13 U	12 U	15 U	15 U	13 U
Benzo(b)fluoranthene	120	170	25	110	190000	30 U	39 U	28 U	57 U	28 U	28 U	330000	43000	43000 D	160 J	100 J	25 U	25 U	26 U	25 U	30 U	30 U	28 U
Benzo(k)fluoranthene	610	610	250	1100	190000	19 U	25 U	18 U	36 U	18 U	18 U	120000	16000	13000 JD	62 J	16 U	16 U	16 U	17 U	16 U	19 U	19 U	18 U
Benzo(a)pyrene	46	46	2.5	11	190000	12 U	16 U	12 U	23 U	11 U	12 U	230000	29000	27000 D	100 J	65 J	10 U	10 U	11 U	10 U	12 U	12 U	11 U
Indeno(1,2,3-cd)pyrene	7000	26000	25	110	190000	11 U	14 U	10 U	20 U	9.8 U	9.9 U	160000	22000	19000 JD	69 J	39 J	8.9 U	8.9 U	9.2 U	8.9 U	11 U	11 U	9.7 U
Dibenz(a,h)anthracene	41	160	2.5	11	190000	31 U	40 U	29 U	58 U	29 U	29 U	43000 J	5900 J	4600 JD	26 U	26 U	26 U	26 U	27 U	26 U	31 U	31 U	28 U
Benzo(g,h,i)perylene	180	180	13000	170000	190000	30 U	39 U	28 U	58 U	28 U	28 U	150000	19000	17000 JD	63 J	40 J	25 U	25 U	26 U	25 U	30 U	30 U	28 U
Total Confident Conc						0	0	200	0	0	0	2924000	371500	347700	1293	839	0	0	0	166	0	0	0

bgs - below ground surface
U - Not Detected
E - Value Exceeds Calibration Range
J - Estimated Value
B - Analyte Found in Associated Method Blank
N - Presumptive Evidence of a Compound
NS - No Standard
The result exceeds the residential standard (lower of the "Direct Contact" or "Soil to Groundwater" standards)
The result exceeds the non-residential standard (lower of the "Direct Contact" or "Soil to Groundwater" standards)

Table 3
Taylor Colliery
Soil Sample Results
Metals
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-BASE1	REC2-BASE2	REC2-BASE3	REC2-BASE4	REC2-BASE5	REC2-BASE6	REC2-TRENCH1	REC2-TRENCH2	REC2-SB-1(0-1)	REC2-SB-3(1-2)	REC2-SB-4(0.5-1.5)
Depth (feet bgs)						0-2	0-2	0-2	0-2	0-2	0-2	2-3	3-4	0-1	1-2	0.5-1.5
Lab Sample Number	Residential	Non-Residential	Residential	Non-Residential	Non-Residential	Z3664-01	Z3664-02	Z3664-03	Z3664-04	Z3664-05	Z3664-06	Z3664-07DL	Z3664-08	Z3664-09	Z3664-11	Z3664-12
Sampling Date	Soil to Groundwater	Soil to Groundwater	Direct Contact	Direct Contact	Direct Contact	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix	Used Aquifer (TDS ≤ 2500)	Used Aquifer (TDS ≤ 2500)	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor						1	1	1	1	1	1	10	1	1	1	1
Units						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg											
Arsenic	150	150	12	53	190000	66.9	250	16.1	58.1	55	8.74	19.8	21.1	6.73	5.35	9.78
Barium	8200	8200	15000	190000	190000	31.3	125	28.4	72.1	37.2	26	2870	1950	50	25.8	37.5
Cadmium	38	38	47	210	190000	0.517	0.869	0.135 J	1.57	0.338 J	0.106 J	6.67	139	0.453	0.233 J	0.43
Chromium	NS	NS	NS	NS	NS	29.8	37.6	5.31	19.6	7.58	4.47	57.1	68.6	5.63	6.16	6.69
Lead	450	450	500	1000	190000	94.7	1270	28.3	197	97.1	17.9	30900	9100	30.7	11.3	12.7
Mercury	10	10	66	840	190000	0.257	0.334	0.063	0.048	0.019	0.008 U	0.298	0.424	0.042	0.038	0.137
Selenium	26	26	1100	14000	190000	21	645	6.57	10.9	9.62	2.49	7.7 U	0.885 U	0.577 U	0.58 U	0.58 U
Silver	84	84	1100	14000	190000	0.176 U	3.1	0.167 U	0.167 U	0.163 U	0.167 U	1.97 U	0.227 U	0.148 U	0.148 U	0.148 U

bgs - below ground surface
U - Not Detected
E - Value Exceeds Calibration Range
J - Estimated Value
B - Analyte Found in Associated Method Blank
N - Presumptive Evidence of a Compound
NS - No Standard

The result exceeds the residential standard (lower of the "Direct Contact" or "Soil to Groundwater" standards)
The result exceeds the non-residential standard (lower of the "Direct Contact" or "Soil to Groundwater" standards)

Table 3
Taylor Colliery
Soil Sample Results
Metals
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-SB-5(2-3)	REC5-SB-1(3-3.5)
Depth (feet bgs)						2-3	3-3.5
Lab Sample Number	Residential	Non-Residential	Residential	Non-Residential	Non-Residential	Z3664-13	Z3664-14
Sampling Date	Soil to Groundwater	Soil to Groundwater	Direct Contact	Direct Contact	Direct Contact	7/11/2008	7/11/2008
Matrix	Used Aquifer (TDS ≤ 2500)	Used Aquifer (TDS ≤ 2500)	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL
Dilution Factor						1	1
Units						mg/kg	mg/kg
METALS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
Arsenic	150	150	12	53	190000	5.26	12.5
Barium	8200	8200	15000	190000	190000	42.4	31.1
Cadmium	38	38	47	210	190000	0.13 J	0.154 J
Chromium	NS	NS	NS	NS	NS	7.08	6.82
Lead	450	450	500	1000	190000	23.4	9.04
Mercury	10	10	66	840	190000	0.027	0.038
Selenium	26	26	1100	14000	190000	0.593 U	0.58 U
Silver	84	84	1100	14000	190000	0.152 U	0.149 U

bgs - below ground surface
U - Not Detected
E - Value Exceeds Calibration Range
J - Estimated Value
B - Analyte Found in Associated Method Blank
N - Presumptive Evidence of a Compound
NS - No Standard

The result exceeds the residential standard (lower of the "Direct Contact" or "Soil to Groundwater" standards)
The result exceeds the non-residential standard (lower of the "Direct Contact" or "Soil to Groundwater" standards)

Table 3
Taylor Colliery
Soil Sample Results
Metals
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC5-SB-2(5.5-6.5)	REC5-SB-2(5.5-6.5)DUP	REC5-SB-3(6-7)
Depth (feet bgs)						5.5-6.5	5.5-6.5	6-7
Lab Sample Number	Residential	Non-Residential	Residential	Non-Residential	Non-Residential	Z3664-15	Z3664-24	Z3664-17
Sampling Date	Soil to Groundwater	Soil to Groundwater	Direct Contact	Direct Contact	Direct Contact	7/11/2008	7/11/2008	7/11/2008
Matrix	Used Aquifer (TDS ≤ 2500)	Used Aquifer (TDS ≤ 2500)	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL
Dilution Factor						1	1	1
Units						mg/kg	mg/kg	mg/kg
METALS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
Arsenic	150	150	12	53	190000	16	17	4.98
Barium	8200	8200	15000	190000	190000	254	259	47.6
Cadmium	38	38	47	210	190000	0.084 U	0.083 U	0.207 J
Chromium	NS	NS	NS	NS	NS	8.18	11.7	6.63
Lead	450	450	500	1000	190000	27.5	30.5	8.23
Mercury	10	10	66	840	190000	0.009 U	0.009 U	0.019
Selenium	26	26	1100	14000	190000	3.09	1.73	0.634 U
Silver	84	84	1100	14000	190000	0.177 U	0.174 U	0.162 U

bgs - below ground surface
U - Not Detected
E - Value Exceeds Calibration Range
J - Estimated Value
B - Analyte Found in Associated Method Blank
N - Presumptive Evidence of a Compound
NS - No Standard

The result exceeds the residential standard (lower of the "Direct Contact" or "Soil to Groundwater" standards)
The result exceeds the non-residential standard (lower of the "Direct Contact" or "Soil to Groundwater" standards)

Table 4
Taylor Colliery
Soil Sample Results
Polychlorinated Biphenyls (PCBs)
July 2008

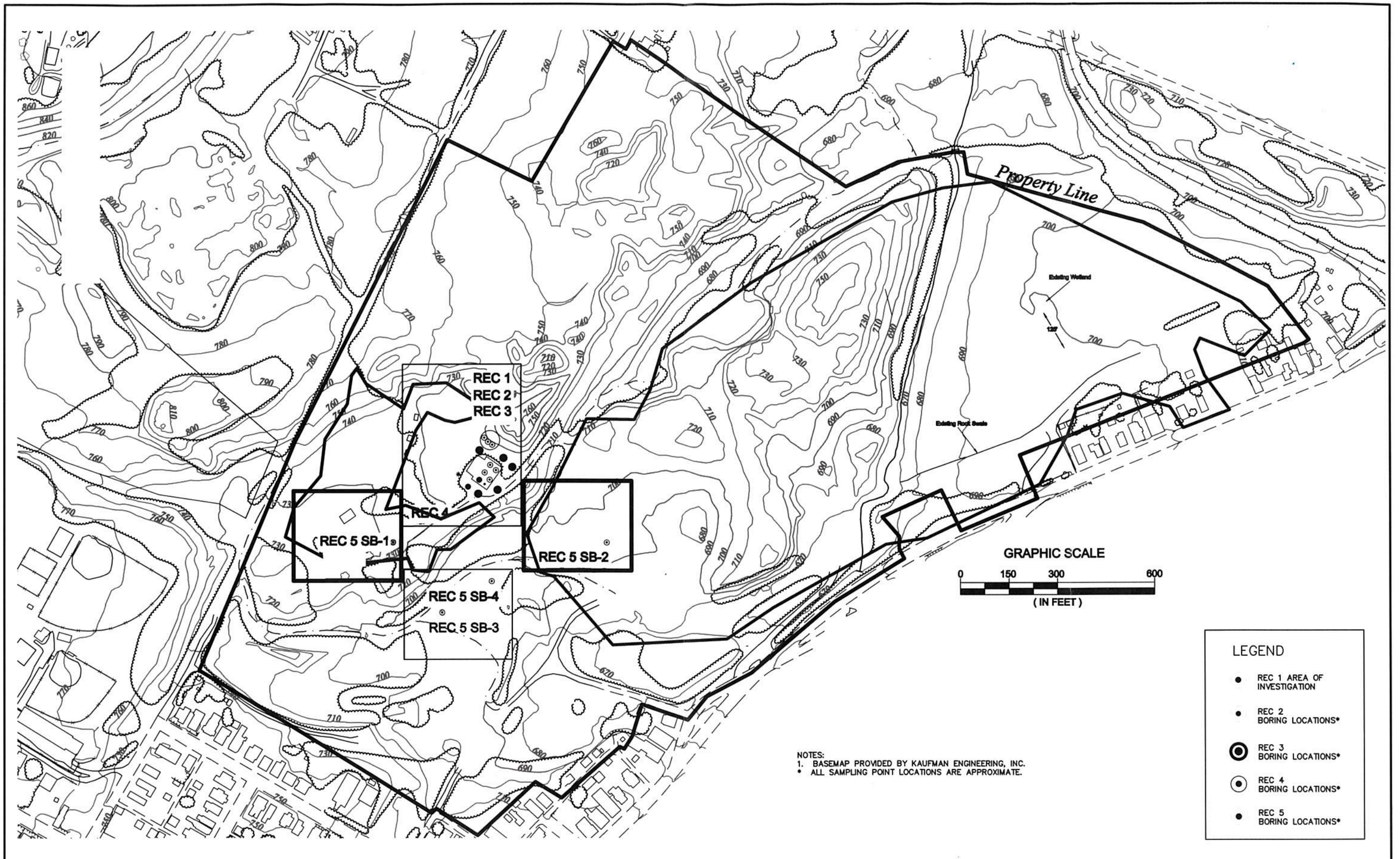
Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-BASE1	REC2-BASE2	REC2-BASE3	REC2-BASE4	REC2-BASE5	REC2-BASE6	REC2-TRENCH1	REC2-TRENCH2	REC2-SB-1(0-1)	REC2-SB-2(1-2)	REC2-SB-3(1-2)
Sample Depth (feet bgs)				0-2	0-2	0-2	0-2	0-2	0-2	2-3	3-4	0-1	1-2	1-2
Lab Sample Number	Residential (1)	Non-Residential (1)	Non-Residential (1)	Z3664-01	Z3664-02	Z3664-03	Z3664-04	Z3664-05	Z3664-06	Z3664-07	Z3664-08	Z3664-09	Z3664-10	Z3664-11
Sampling Date		Surface Soil	Subsurface Soil	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor				1	1	1	1	1	1	1	1	1	1	1
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
PCBs														
Aroclor-1016	15000	200000	200000	4.7 U	6.1 U	4.4 U	4.5 U	4.4 U	4.5 U	5.3 U	6 U	3.9 U	4 U	4 U
Aroclor-1221	630	2500	2500	5.8 U	7.5 U	5.4 U	5.5 U	5.4 U	5.4 U	6.4 U	7.3 U	4.8 U	4.9 U	4.9 U
Aroclor-1232	500	2000	2000	6 U	7.8 U	5.7 U	5.7 U	5.6 U	5.7 U	6.7 U	7.7 U	5 U	5.2 U	5.1 U
Aroclor-1242	16000	62000	62000	2.7 U	3.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.9 U	3.4 U	2.2 U	2.3 U	2.2 U
Aroclor-1248	9900	44000	67000	5.8 U	7.6 U	5.5 U	5.5 U	5.4 U	5.5 U	6.5 U	7.4 U	4.8 U	5 U	4.9 U
Aroclor-1254	4400	44000	280000	5.9 U	7.7 U	5.5 U	5.6 U	5.5 U	5.6 U	6.6 U	7.5 U	4.9 U	5.1 U	5 U
Aroclor-1260	30000	130000	1900000	4.7 U	6.1 U	4.4 U	4.5 U	4.4 U	4.4 U	5.2 U	6 U	3.9 U	4 U	4 U

bgs - below ground surface
U - Not Detected
E - Value Exceeds Calibration Range
J - Estimated Value
B - Analyte Found in Associated Method Blank
N - Presumptive Evidence of a Compound
NS - No Standard
(1) The standard shown is the lower of the "Soil to Groundwater" and "Direct Contact" standards
The result exceeds the residential standard
The result exceeds the non-residential standard

Table 4
Taylor Colliery
Soil Sample Results
Polychlorinated Biphenyls (PCBs)
July 2008

Sample ID	PADEP MSCs	PADEP MSCs	PADEP MSCs	REC2-SB-4(0.5-1.5)	REC2-SB-5(2-3)	REC4S1	REC4S2	REC4S3	REC5-SB-1(3-3.5)	REC5-SB-2(5.5-6.5)	REC5-SB-2(5.5-6.5)DUP	REC5-SB-3(6-7)	REC5-SB-4(0-2)
Sample Depth (feet bgs)				0.5-1.5	2-3	0-0.5	0-0.5	0-0.5	3-3.5	5.5-6.5	5.5-6.5	6-7	0-2
Lab Sample Number	Residential (1)	Non-Residential (1)	Non-Residential (1)	Z3664-12	Z3664-13	Z3664-19	Z3664-20	Z3664-21	Z3664-14	Z3664-15	Z3664-24	Z3664-17	Z3664-18
Sampling Date		Surface Soil	Subsurface Soil	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008	7/11/2008
Matrix	0-15 feet bgs	0-2 feet bgs	2-15 feet bgs	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor				1	1	1	1	1	1	1	1	1	1
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
PCBs													
Aroclor-1016	15000	200000	200000	4 U	4.1 U	6.5 U	4.4 U	4.2 U	4 U	4.7 U	4.7 U	4.3 U	4.3 U
Aroclor-1221	630	2500	2500	4.9 U	5 U	8 U	5.4 U	5.1 U	4.8 U	5.8 U	5.8 U	5.3 U	5.2 U
Aroclor-1232	500	2000	2000	5.1 U	5.2 U	8.3 U	5.7 U	5.3 U	5.1 U	6 U	6 U	5.6 U	5.5 U
Aroclor-1242	16000	62000	62000	2.2 U	2.3 U	3.7 U	2.5 U	2.3 U	2.2 U	2.6 U	2.6 U	2.4 U	2.4 U
Aroclor-1248	9900	44000	67000	4.9 U	5 U	8 U	5.5 U	5.1 U	4.9 U	5.8 U	5.8 U	5.4 U	5.3 U
Aroclor-1254	4400	44000	280000	5 U	5.1 U	8.2 U	5.5 U	5.2 U	5 U	5.9 U	5.9 U	5.4 U	5.3 U
Aroclor-1260	30000	130000	1900000	4 U	4.1 U	6.5 U	4.4 U	4.2 U	3.9 U	4.7 U	4.7 U	4.3 U	4.3 U

bgs - below ground surface
U - Not Detected
E - Value Exceeds Calibration Range
J - Estimated Value
B - Analyte Found in Associated Method Blank
N - Presumptive Evidence of a Compound
NS - No Standard
(1) The standard shown is the lower of the "Soil to Groundwater" and "Direct Contact" standards
The result exceeds the residential standard
The result exceeds the non-residential standard



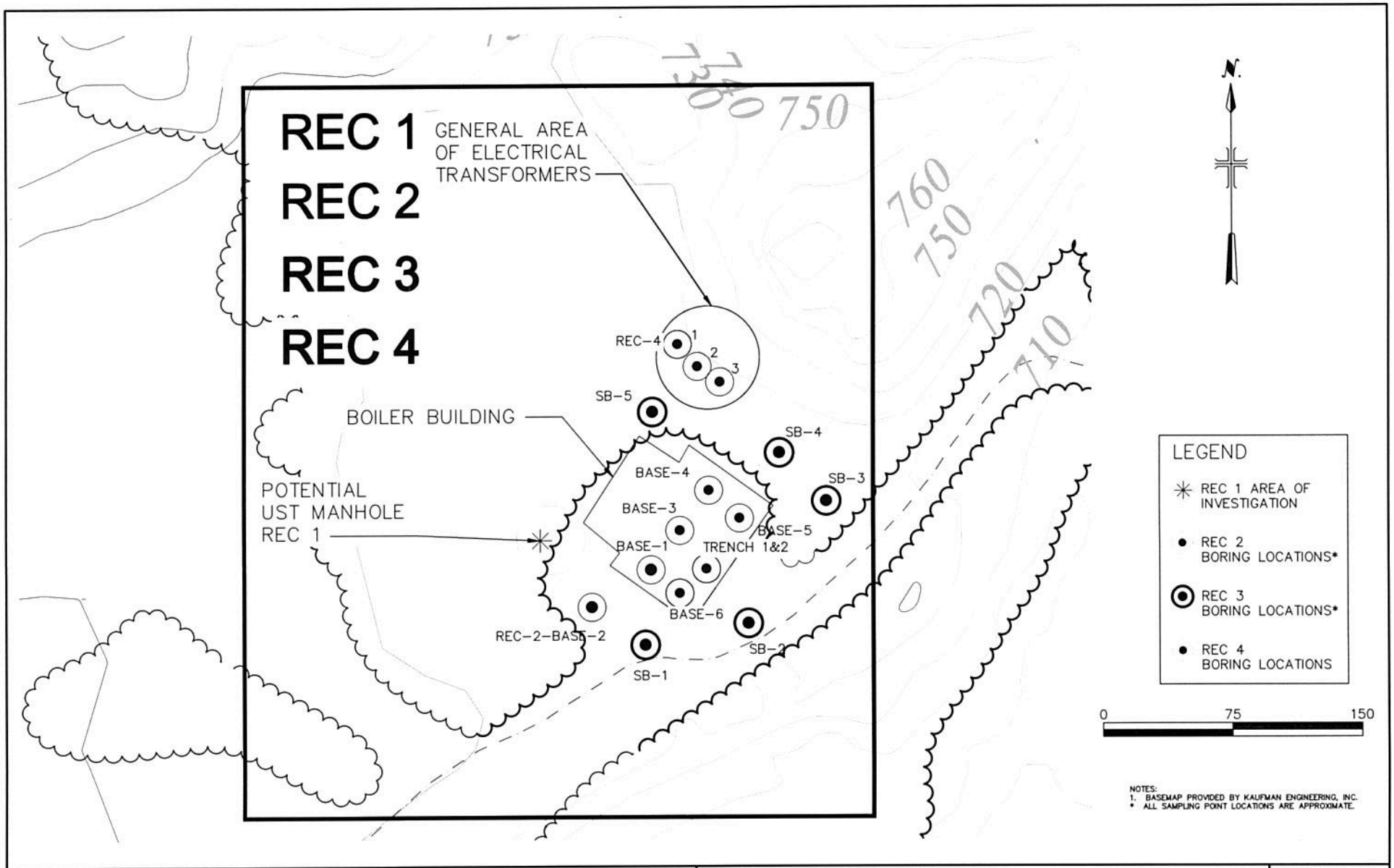
NOTES:
1. BASEMAP PROVIDED BY KAUFMAN ENGINEERING, INC.
* ALL SAMPLING POINT LOCATIONS ARE APPROXIMATE.

MALCOLM PIRNIE

TAYLOR COLLIERY PROPERTY

SITE MAP
MAIN PARCEL

MALCOLM PIRNIE, INC.
SEPTEMBER 2008
FIGURE 1–1



MALCOLM PIRNIE

TAYLOR COLLIERY PROPERTY

REC 1, 2, 3, & 4

MALCOLM PIRNIE, INC.
SEPTEMBER 2008
FIGURE 2-1

APPENDIX A

Analytical Laboratory Reports

ANALYTICAL RESULTS
SUMMARY

PROJECT NAME : TAYLOR SITE POTTSTOWN

MALCOLM PIRNIE

640 Freedom Business Center

Third Floor, Suite 310

King Of Prussia , PA - 19406

Phone No: 6107685813

CHEMTECH PROJECT **Z3664**

ATTENTION: **Gregory M. Firely**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-01**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**21**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027142.D	1	7/16/2008	VK071408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.4	U	6.3	2.4	ug/Kg
74-87-3	Chloromethane	1.7	U	6.3	1.7	ug/Kg
75-01-4	Vinyl chloride	1.7	U	6.3	1.7	ug/Kg
74-83-9	Bromomethane	2.6	U	6.3	2.6	ug/Kg
75-00-3	Chloroethane	2.3	U	6.3	2.3	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	6.3	1.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.1	U	6.3	2.1	ug/Kg
75-35-4	1,1-Dichloroethene	1.3	U	6.3	1.3	ug/Kg
67-64-1	Acetone	63		32	22	ug/Kg
75-15-0	Carbon disulfide	1.4	U	6.3	1.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.3	1.1	ug/Kg
79-20-9	Methyl Acetate	2.1	U	6.3	2.1	ug/Kg
75-09-2	Methylene Chloride	3.1	U	6.3	3.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.6	U	6.3	1.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	6.3	1.4	ug/Kg
110-82-7	Cyclohexane	1.3	U	6.3	1.3	ug/Kg
78-93-3	2-Butanone	6.4	U	32	6.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.75	U	6.3	0.75	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.6	U	6.3	1.6	ug/Kg
67-66-3	Chloroform	1.1	U	6.3	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.2	U	6.3	1.2	ug/Kg
108-87-2	Methylcyclohexane	1.1	U	6.3	1.1	ug/Kg
71-43-2	Benzene	0.91	U	6.3	0.91	ug/Kg
107-06-2	1,2-Dichloroethane	1.0	U	6.3	1.0	ug/Kg
79-01-6	Trichloroethene	0.92	U	6.3	0.92	ug/Kg
78-87-5	1,2-Dichloropropane	1.2	U	6.3	1.2	ug/Kg
75-27-4	Bromodichloromethane	0.89	U	6.3	0.89	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.8	U	32	4.8	ug/Kg
108-88-3	Toluene	1.1	U	6.3	1.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.1	U	6.3	1.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.85	U	6.3	0.85	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.77	U	6.3	0.77	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-01**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**21**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027142.D	1	7/16/2008	VK071408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.5	U	32	5.5	ug/Kg
124-48-1	Dibromochloromethane	0.84	U	6.3	0.84	ug/Kg
106-93-4	1,2-Dibromoethane	1.0	U	6.3	1.0	ug/Kg
127-18-4	Tetrachloroethene	1.6	U	6.3	1.6	ug/Kg
108-90-7	Chlorobenzene	0.96	U	6.3	0.96	ug/Kg
100-41-4	Ethyl Benzene	1.0	U	6.3	1.0	ug/Kg
126777-61-2	m/p-Xylenes	2.4	U	13	2.4	ug/Kg
95-47-6	o-Xylene	0.96	U	6.3	0.96	ug/Kg
100-42-5	Styrene	0.78	U	6.3	0.78	ug/Kg
75-25-2	Bromoform	1.0	U	6.3	1.0	ug/Kg
98-82-8	Isopropylbenzene	1.0	U	6.3	1.0	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.3	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.85	U	6.3	0.85	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.97	U	6.3	0.97	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.1	U	6.3	1.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.3	U	6.3	1.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.84	U	6.3	0.84	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	63.16	126 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	86.31	173 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	47.52	95 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	23.06	46 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	75315	3.23			
540-36-3	1,4-Difluorobenzene	81141	3.61			
3114-55-4	Chlorobenzene-d5	49855	6.30			
3855-82-1	1,4-Dichlorobenzene-d4	13636	8.63			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE1RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-01RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**21**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027195.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.4	U	6.3	2.4	ug/Kg
74-87-3	Chloromethane	1.7	U	6.3	1.7	ug/Kg
75-01-4	Vinyl chloride	1.7	U	6.3	1.7	ug/Kg
74-83-9	Bromomethane	2.6	U	6.3	2.6	ug/Kg
75-00-3	Chloroethane	2.3	U	6.3	2.3	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	6.3	1.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.1	U	6.3	2.1	ug/Kg
75-35-4	1,1-Dichloroethene	1.3	U	6.3	1.3	ug/Kg
67-64-1	Acetone	79		32	21	ug/Kg
75-15-0	Carbon disulfide	1.4	U	6.3	1.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.3	1.1	ug/Kg
79-20-9	Methyl Acetate	2.1	U	6.3	2.1	ug/Kg
75-09-2	Methylene Chloride	3.1	U	6.3	3.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.6	U	6.3	1.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	6.3	1.4	ug/Kg
110-82-7	Cyclohexane	1.3	U	6.3	1.3	ug/Kg
78-93-3	2-Butanone	6.3	U	32	6.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.75	U	6.3	0.75	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.6	U	6.3	1.6	ug/Kg
67-66-3	Chloroform	1.1	U	6.3	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.2	U	6.3	1.2	ug/Kg
108-87-2	Methylcyclohexane	1.0	U	6.3	1.0	ug/Kg
71-43-2	Benzene	0.91	U	6.3	0.91	ug/Kg
107-06-2	1,2-Dichloroethane	1.0	U	6.3	1.0	ug/Kg
79-01-6	Trichloroethene	0.92	U	6.3	0.92	ug/Kg
78-87-5	1,2-Dichloropropane	1.2	U	6.3	1.2	ug/Kg
75-27-4	Bromodichloromethane	0.88	U	6.3	0.88	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.8	U	32	4.8	ug/Kg
108-88-3	Toluene	1.1	U	6.3	1.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.1	U	6.3	1.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.85	U	6.3	0.85	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.77	U	6.3	0.77	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE1RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-01RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**21**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027195.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.5	U	32	5.5	ug/Kg
124-48-1	Dibromochloromethane	0.83	U	6.3	0.83	ug/Kg
106-93-4	1,2-Dibromoethane	1.0	U	6.3	1.0	ug/Kg
127-18-4	Tetrachloroethene	1.6	U	6.3	1.6	ug/Kg
108-90-7	Chlorobenzene	0.96	U	6.3	0.96	ug/Kg
100-41-4	Ethyl Benzene	1.0	U	6.3	1.0	ug/Kg
126777-61-2	m/p-Xylenes	2.3	U	13	2.3	ug/Kg
95-47-6	o-Xylene	0.96	U	6.3	0.96	ug/Kg
100-42-5	Styrene	0.78	U	6.3	0.78	ug/Kg
75-25-2	Bromoform	1.0	U	6.3	1.0	ug/Kg
98-82-8	Isopropylbenzene	1.0	U	6.3	1.0	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.3	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.85	U	6.3	0.85	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.97	U	6.3	0.97	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.1	U	6.3	1.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.3	U	6.3	1.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.83	U	6.3	0.83	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	67.93	136 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	90.79	182 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	53.76	108 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	17.37	35 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	53766	3.23			
540-36-3	1,4-Difluorobenzene	55894	3.61			
3114-55-4	Chlorobenzene-d5	30171	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	6122	8.62			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-02**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**39**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027143.D	1	7/16/2008	VK071408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	3.2	U	8.2	3.2	ug/Kg
74-87-3	Chloromethane	2.2	U	8.2	2.2	ug/Kg
75-01-4	Vinyl chloride	2.3	U	8.2	2.3	ug/Kg
74-83-9	Bromomethane	3.3	U	8.2	3.3	ug/Kg
75-00-3	Chloroethane	3.1	U	8.2	3.1	ug/Kg
75-69-4	Trichlorofluoromethane	2.0	U	8.2	2.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.8	U	8.2	2.8	ug/Kg
75-35-4	1,1-Dichloroethene	1.6	U	8.2	1.6	ug/Kg
67-64-1	Acetone	180		41	28	ug/Kg
75-15-0	Carbon disulfide	1.8	U	8.2	1.8	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.5	U	8.2	1.5	ug/Kg
79-20-9	Methyl Acetate	2.8	U	8.2	2.8	ug/Kg
75-09-2	Methylene Chloride	4.0	U	8.2	4.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.0	U	8.2	2.0	ug/Kg
75-34-3	1,1-Dichloroethane	1.8	U	8.2	1.8	ug/Kg
110-82-7	Cyclohexane	1.7	U	8.2	1.7	ug/Kg
78-93-3	2-Butanone	8.3	U	41	8.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	8.2	0.97	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.1	U	8.2	2.1	ug/Kg
67-66-3	Chloroform	1.5	U	8.2	1.5	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.6	U	8.2	1.6	ug/Kg
108-87-2	Methylcyclohexane	1.4	U	8.2	1.4	ug/Kg
71-43-2	Benzene	1.2	U	8.2	1.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.4	U	8.2	1.4	ug/Kg
79-01-6	Trichloroethene	1.2	U	8.2	1.2	ug/Kg
78-87-5	1,2-Dichloropropane	1.6	U	8.2	1.6	ug/Kg
75-27-4	Bromodichloromethane	1.2	U	8.2	1.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	6.3	U	41	6.3	ug/Kg
108-88-3	Toluene	8.2	J	8.2	1.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.4	U	8.2	1.4	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.1	U	8.2	1.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.0	U	8.2	1.0	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC2-BASE2	SDG No.:	Z3664
Lab Sample ID:	Z3664-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	39
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027143.D	1	7/16/2008	VK071408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	7.2	U	41	7.2	ug/Kg
124-48-1	Dibromochloromethane	1.1	U	8.2	1.1	ug/Kg
106-93-4	1,2-Dibromoethane	1.4	U	8.2	1.4	ug/Kg
127-18-4	Tetrachloroethene	2.0	U	8.2	2.0	ug/Kg
108-90-7	Chlorobenzene	1.3	U	8.2	1.3	ug/Kg
100-41-4	Ethyl Benzene	1.3	U	8.2	1.3	ug/Kg
126777-61-2	m/p-Xylenes	3.1	U	16	3.1	ug/Kg
95-47-6	o-Xylene	1.3	U	8.2	1.3	ug/Kg
100-42-5	Styrene	1.0	U	8.2	1.0	ug/Kg
75-25-2	Bromoform	1.3	U	8.2	1.3	ug/Kg
98-82-8	Isopropylbenzene	1.4	U	8.2	1.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U	8.2	1.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.1	U	8.2	1.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.3	U	8.2	1.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.4	U	8.2	1.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.7	U	8.2	1.7	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.1	U	8.2	1.1	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.17	130 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	74.75	150 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	41.32	83 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	18.02	36 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	90411	3.23			
540-36-3	1,4-Difluorobenzene	115230	3.61			
3114-55-4	Chlorobenzene-d5	58339	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	13274	8.62			
TENTITIVE IDENTIFIED COMPOUNDS						
000066-25-1	Hexanal	55	J	6.05		ug/Kg
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	82	J	8.87		ug/Kg
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	73	J	9.15		ug/Kg
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	110	J	9.48		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-02**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**39**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027143.D	1	7/16/2008	VK071408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
000629-59-4	Tetradecane	83	J	9.65		ug/Kg
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	150	J	9.76		ug/Kg
004218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)-	120	J	10.02		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE2RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-02RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**39**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027196.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	3.2	U	8.2	3.2	ug/Kg
74-87-3	Chloromethane	2.2	U	8.2	2.2	ug/Kg
75-01-4	Vinyl chloride	2.3	U	8.2	2.3	ug/Kg
74-83-9	Bromomethane	3.3	U	8.2	3.3	ug/Kg
75-00-3	Chloroethane	3.0	U	8.2	3.0	ug/Kg
75-69-4	Trichlorofluoromethane	2.0	U	8.2	2.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.8	U	8.2	2.8	ug/Kg
75-35-4	1,1-Dichloroethene	1.6	U	8.2	1.6	ug/Kg
67-64-1	Acetone	150		41	28	ug/Kg
75-15-0	Carbon disulfide	1.8	U	8.2	1.8	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.5	U	8.2	1.5	ug/Kg
79-20-9	Methyl Acetate	2.8	U	8.2	2.8	ug/Kg
75-09-2	Methylene Chloride	4.0	U	8.2	4.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.0	U	8.2	2.0	ug/Kg
75-34-3	1,1-Dichloroethane	1.8	U	8.2	1.8	ug/Kg
110-82-7	Cyclohexane	1.7	U	8.2	1.7	ug/Kg
78-93-3	2-Butanone	8.3	U	41	8.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	8.2	0.97	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.1	U	8.2	2.1	ug/Kg
67-66-3	Chloroform	1.5	U	8.2	1.5	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.6	U	8.2	1.6	ug/Kg
108-87-2	Methylcyclohexane	1.4	U	8.2	1.4	ug/Kg
71-43-2	Benzene	1.2	U	8.2	1.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.3	U	8.2	1.3	ug/Kg
79-01-6	Trichloroethene	1.2	U	8.2	1.2	ug/Kg
78-87-5	1,2-Dichloropropane	1.5	U	8.2	1.5	ug/Kg
75-27-4	Bromodichloromethane	1.2	U	8.2	1.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	6.3	U	41	6.3	ug/Kg
108-88-3	Toluene	8.8		8.2	1.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.4	U	8.2	1.4	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.1	U	8.2	1.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.0	U	8.2	1.0	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE2RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-02RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**39**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027196.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	7.2	U	41	7.2	ug/Kg
124-48-1	Dibromochloromethane	1.1	U	8.2	1.1	ug/Kg
106-93-4	1,2-Dibromoethane	1.3	U	8.2	1.3	ug/Kg
127-18-4	Tetrachloroethene	2.0	U	8.2	2.0	ug/Kg
108-90-7	Chlorobenzene	1.3	U	8.2	1.3	ug/Kg
100-41-4	Ethyl Benzene	1.3	U	8.2	1.3	ug/Kg
126777-61-2	m/p-Xylenes	3.1	U	16	3.1	ug/Kg
95-47-6	o-Xylene	1.3	U	8.2	1.3	ug/Kg
100-42-5	Styrene	1.0	U	8.2	1.0	ug/Kg
75-25-2	Bromoform	1.3	U	8.2	1.3	ug/Kg
98-82-8	Isopropylbenzene	1.3	U	8.2	1.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U	8.2	1.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.1	U	8.2	1.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.3	U	8.2	1.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.4	U	8.2	1.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.7	U	8.2	1.7	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.1	U	8.2	1.1	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	80.25	161 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	94.05	188 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	50.15	100 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	19.29	39 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	53424	3.23			
540-36-3	1,4-Difluorobenzene	59598	3.61			
3114-55-4	Chlorobenzene-d5	30557	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	8386	8.62			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE3**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-03**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**16**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027144.D	1	7/16/2008	VK071408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.3	U	6.0	2.3	ug/Kg
74-87-3	Chloromethane	1.6	U	6.0	1.6	ug/Kg
75-01-4	Vinyl chloride	1.6	U	6.0	1.6	ug/Kg
74-83-9	Bromomethane	2.4	U	6.0	2.4	ug/Kg
75-00-3	Chloroethane	2.2	U	6.0	2.2	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	6.0	1.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.0	U	6.0	2.0	ug/Kg
75-35-4	1,1-Dichloroethene	1.2	U	6.0	1.2	ug/Kg
67-64-1	Acetone	20	U	30	20	ug/Kg
75-15-0	Carbon disulfide	1.3	U	6.0	1.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.0	1.1	ug/Kg
79-20-9	Methyl Acetate	2.0	U	6.0	2.0	ug/Kg
75-09-2	Methylene Chloride	2.9	U	6.0	2.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.5	U	6.0	1.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.3	U	6.0	1.3	ug/Kg
110-82-7	Cyclohexane	1.2	U	6.0	1.2	ug/Kg
78-93-3	2-Butanone	6.0	U	30	6.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.71	U	6.0	0.71	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.5	U	6.0	1.5	ug/Kg
67-66-3	Chloroform	4.2	J	6.0	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.1	U	6.0	1.1	ug/Kg
108-87-2	Methylcyclohexane	0.99	U	6.0	0.99	ug/Kg
71-43-2	Benzene	0.86	U	6.0	0.86	ug/Kg
107-06-2	1,2-Dichloroethane	0.98	U	6.0	0.98	ug/Kg
79-01-6	Trichloroethene	0.87	U	6.0	0.87	ug/Kg
78-87-5	1,2-Dichloropropane	1.1	U	6.0	1.1	ug/Kg
75-27-4	Bromodichloromethane	0.84	U	6.0	0.84	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.6	U	30	4.6	ug/Kg
108-88-3	Toluene	1.1	U	6.0	1.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.0	U	6.0	1.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.80	U	6.0	0.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.73	U	6.0	0.73	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE3**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-03**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**16**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027144.D	1	7/16/2008	VK071408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.2	U	30	5.2	ug/Kg
124-48-1	Dibromochloromethane	0.79	U	6.0	0.79	ug/Kg
106-93-4	1,2-Dibromoethane	0.98	U	6.0	0.98	ug/Kg
127-18-4	Tetrachloroethene	1.5	U	6.0	1.5	ug/Kg
108-90-7	Chlorobenzene	0.91	U	6.0	0.91	ug/Kg
100-41-4	Ethyl Benzene	0.96	U	6.0	0.96	ug/Kg
126777-61-2	m/p-Xylenes	2.2	U	12	2.2	ug/Kg
95-47-6	o-Xylene	0.91	U	6.0	0.91	ug/Kg
100-42-5	Styrene	0.74	U	6.0	0.74	ug/Kg
75-25-2	Bromoform	0.97	U	6.0	0.97	ug/Kg
98-82-8	Isopropylbenzene	0.98	U	6.0	0.98	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.0	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.80	U	6.0	0.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.92	U	6.0	0.92	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.0	U	6.0	1.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	6.0	1.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.79	U	6.0	0.79	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	63.88	128 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	102.8	206 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	45.05	90 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	14.78	30 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	71981	3.22			
540-36-3	1,4-Difluorobenzene	74327	3.61			
3114-55-4	Chlorobenzene-d5	36063	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	7629	8.63			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC2-BASE3RE	SDG No.:	Z3664
Lab Sample ID:	Z3664-03RE	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	16
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027197.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.3	U	5.9	2.3	ug/Kg
74-87-3	Chloromethane	1.6	U	5.9	1.6	ug/Kg
75-01-4	Vinyl chloride	1.6	U	5.9	1.6	ug/Kg
74-83-9	Bromomethane	2.4	U	5.9	2.4	ug/Kg
75-00-3	Chloroethane	2.2	U	5.9	2.2	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	5.9	1.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.0	U	5.9	2.0	ug/Kg
75-35-4	1,1-Dichloroethene	1.2	U	5.9	1.2	ug/Kg
67-64-1	Acetone	20	U	30	20	ug/Kg
75-15-0	Carbon disulfide	1.3	U	5.9	1.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	5.9	1.1	ug/Kg
79-20-9	Methyl Acetate	2.0	U	5.9	2.0	ug/Kg
75-09-2	Methylene Chloride	2.9	U	5.9	2.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.5	U	5.9	1.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.3	U	5.9	1.3	ug/Kg
110-82-7	Cyclohexane	1.2	U	5.9	1.2	ug/Kg
78-93-3	2-Butanone	6.0	U	30	6.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.70	U	5.9	0.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.5	U	5.9	1.5	ug/Kg
67-66-3	Chloroform	7.7		5.9	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.1	U	5.9	1.1	ug/Kg
108-87-2	Methylcyclohexane	0.99	U	5.9	0.99	ug/Kg
71-43-2	Benzene	0.86	U	5.9	0.86	ug/Kg
107-06-2	1,2-Dichloroethane	0.97	U	5.9	0.97	ug/Kg
79-01-6	Trichloroethene	0.87	U	5.9	0.87	ug/Kg
78-87-5	1,2-Dichloropropane	1.1	U	5.9	1.1	ug/Kg
75-27-4	Bromodichloromethane	0.83	U	5.9	0.83	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.5	U	30	4.5	ug/Kg
108-88-3	Toluene	1.0	U	5.9	1.0	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.0	U	5.9	1.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.80	U	5.9	0.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.72	U	5.9	0.72	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE3RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-03RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**16**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027197.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.2	U	30	5.2	ug/Kg
124-48-1	Dibromochloromethane	0.78	U	5.9	0.78	ug/Kg
106-93-4	1,2-Dibromoethane	0.97	U	5.9	0.97	ug/Kg
127-18-4	Tetrachloroethene	1.5	U	5.9	1.5	ug/Kg
108-90-7	Chlorobenzene	0.90	U	5.9	0.90	ug/Kg
100-41-4	Ethyl Benzene	0.95	U	5.9	0.95	ug/Kg
126777-61-2	m/p-Xylenes	2.2	U	12	2.2	ug/Kg
95-47-6	o-Xylene	0.90	U	5.9	0.90	ug/Kg
100-42-5	Styrene	0.74	U	5.9	0.74	ug/Kg
75-25-2	Bromoform	0.96	U	5.9	0.96	ug/Kg
98-82-8	Isopropylbenzene	0.97	U	5.9	0.97	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	5.9	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.80	U	5.9	0.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.91	U	5.9	0.91	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.0	U	5.9	1.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	5.9	1.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.78	U	5.9	0.78	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	78.15	156 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	129.8	260 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	48.95	98 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	15.74	31 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	43975	3.23			
540-36-3	1,4-Difluorobenzene	39934	3.61			
3114-55-4	Chlorobenzene-d5	18904	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	4110	8.62			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE4**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-04**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**17**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027145.D	1	7/16/2008	VK071408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.3	U	6.0	2.3	ug/Kg
74-87-3	Chloromethane	1.6	U	6.0	1.6	ug/Kg
75-01-4	Vinyl chloride	1.7	U	6.0	1.7	ug/Kg
74-83-9	Bromomethane	2.5	U	6.0	2.5	ug/Kg
75-00-3	Chloroethane	2.2	U	6.0	2.2	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	6.0	1.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.0	U	6.0	2.0	ug/Kg
75-35-4	1,1-Dichloroethene	1.2	U	6.0	1.2	ug/Kg
67-64-1	Acetone	53		30	21	ug/Kg
75-15-0	Carbon disulfide	1.3	U	6.0	1.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.0	1.1	ug/Kg
79-20-9	Methyl Acetate	2.0	U	6.0	2.0	ug/Kg
75-09-2	Methylene Chloride	2.9	U	6.0	2.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.5	U	6.0	1.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	6.0	1.4	ug/Kg
110-82-7	Cyclohexane	1.2	U	6.0	1.2	ug/Kg
78-93-3	2-Butanone	6.1	U	30	6.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.71	U	6.0	0.71	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.6	U	6.0	1.6	ug/Kg
67-66-3	Chloroform	1.1	U	6.0	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.1	U	6.0	1.1	ug/Kg
108-87-2	Methylcyclohexane	1.0	U	6.0	1.0	ug/Kg
71-43-2	Benzene	0.87	U	6.0	0.87	ug/Kg
107-06-2	1,2-Dichloroethane	0.99	U	6.0	0.99	ug/Kg
79-01-6	Trichloroethene	0.88	U	6.0	0.88	ug/Kg
78-87-5	1,2-Dichloropropane	1.1	U	6.0	1.1	ug/Kg
75-27-4	Bromodichloromethane	0.85	U	6.0	0.85	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.6	U	30	4.6	ug/Kg
108-88-3	Toluene	1.1	U	6.0	1.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.0	U	6.0	1.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.81	U	6.0	0.81	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.74	U	6.0	0.74	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC2-BASE4	SDG No.:	Z3664
Lab Sample ID:	Z3664-04	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	17
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027145.D	1	7/16/2008	VK071408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.3	U	30	5.3	ug/Kg
124-48-1	Dibromochloromethane	0.80	U	6.0	0.80	ug/Kg
106-93-4	1,2-Dibromoethane	0.99	U	6.0	0.99	ug/Kg
127-18-4	Tetrachloroethene	1.5	U	6.0	1.5	ug/Kg
108-90-7	Chlorobenzene	0.92	U	6.0	0.92	ug/Kg
100-41-4	Ethyl Benzene	0.97	U	6.0	0.97	ug/Kg
126777-61-2	m/p-Xylenes	2.2	U	12	2.2	ug/Kg
95-47-6	o-Xylene	0.92	U	6.0	0.92	ug/Kg
100-42-5	Styrene	0.75	U	6.0	0.75	ug/Kg
75-25-2	Bromoform	0.98	U	6.0	0.98	ug/Kg
98-82-8	Isopropylbenzene	0.99	U	6.0	0.99	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.0	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.81	U	6.0	0.81	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.93	U	6.0	0.93	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.0	U	6.0	1.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	6.0	1.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.80	U	6.0	0.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.12	112 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	71.06	142 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	46.87	94 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	26.06	52 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	99982	3.22			
540-36-3	1,4-Difluorobenzene	123068	3.61			
3114-55-4	Chlorobenzene-d5	77192	6.30			
3855-82-1	1,4-Dichlorobenzene-d4	22804	8.62			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE4RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-04RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**17**
Sample Wt/Wol:	**4.9 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027198.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.3	U	6.1	2.3	ug/Kg
74-87-3	Chloromethane	1.6	U	6.1	1.6	ug/Kg
75-01-4	Vinyl chloride	1.7	U	6.1	1.7	ug/Kg
74-83-9	Bromomethane	2.5	U	6.1	2.5	ug/Kg
75-00-3	Chloroethane	2.3	U	6.1	2.3	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	6.1	1.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.0	U	6.1	2.0	ug/Kg
75-35-4	1,1-Dichloroethene	1.2	U	6.1	1.2	ug/Kg
67-64-1	Acetone	73		30	21	ug/Kg
75-15-0	Carbon disulfide	1.3	U	6.1	1.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.1	1.1	ug/Kg
79-20-9	Methyl Acetate	2.1	U	6.1	2.1	ug/Kg
75-09-2	Methylene Chloride	3.0	U	6.1	3.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.5	U	6.1	1.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	6.1	1.4	ug/Kg
110-82-7	Cyclohexane	1.2	U	6.1	1.2	ug/Kg
78-93-3	2-Butanone	6.1	U	30	6.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.72	U	6.1	0.72	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.6	U	6.1	1.6	ug/Kg
67-66-3	Chloroform	1.1	U	6.1	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.2	U	6.1	1.2	ug/Kg
108-87-2	Methylcyclohexane	1.0	U	6.1	1.0	ug/Kg
71-43-2	Benzene	0.88	U	6.1	0.88	ug/Kg
107-06-2	1,2-Dichloroethane	1.0	U	6.1	1.0	ug/Kg
79-01-6	Trichloroethene	0.89	U	6.1	0.89	ug/Kg
78-87-5	1,2-Dichloropropane	1.1	U	6.1	1.1	ug/Kg
75-27-4	Bromodichloromethane	0.85	U	6.1	0.85	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.7	U	30	4.7	ug/Kg
108-88-3	Toluene	1.1	U	6.1	1.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.0	U	6.1	1.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.82	U	6.1	0.82	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.74	U	6.1	0.74	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE4RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-04RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**17**
Sample Wt/Wol:	**4.9 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027198.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.3	U	30	5.3	ug/Kg
124-48-1	Dibromochloromethane	0.80	U	6.1	0.80	ug/Kg
106-93-4	1,2-Dibromoethane	1.0	U	6.1	1.0	ug/Kg
127-18-4	Tetrachloroethene	1.5	U	6.1	1.5	ug/Kg
108-90-7	Chlorobenzene	0.93	U	6.1	0.93	ug/Kg
100-41-4	Ethyl Benzene	0.98	U	6.1	0.98	ug/Kg
126777-61-2	m/p-Xylenes	2.3	U	12	2.3	ug/Kg
95-47-6	o-Xylene	0.93	U	6.1	0.93	ug/Kg
100-42-5	Styrene	0.76	U	6.1	0.76	ug/Kg
75-25-2	Bromoform	0.99	U	6.1	0.99	ug/Kg
98-82-8	Isopropylbenzene	1.0	U	6.1	1.0	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.1	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.82	U	6.1	0.82	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.94	U	6.1	0.94	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.0	U	6.1	1.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	6.1	1.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.80	U	6.1	0.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	69.03	138 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	76.94	154 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	51.17	102 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	27.24	54 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	63310	3.22			
540-36-3	1,4-Difluorobenzene	77587	3.61			
3114-55-4	Chlorobenzene-d5	54200	6.30			
3855-82-1	1,4-Dichlorobenzene-d4	13764	8.63			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE5**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-05**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**15**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027183.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.3	U	5.9	2.3	ug/Kg
74-87-3	Chloromethane	1.6	U	5.9	1.6	ug/Kg
75-01-4	Vinyl chloride	1.6	U	5.9	1.6	ug/Kg
74-83-9	Bromomethane	2.4	U	5.9	2.4	ug/Kg
75-00-3	Chloroethane	2.2	U	5.9	2.2	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	5.9	1.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.0	U	5.9	2.0	ug/Kg
75-35-4	1,1-Dichloroethene	1.2	U	5.9	1.2	ug/Kg
67-64-1	Acetone	46		30	20	ug/Kg
75-15-0	Carbon disulfide	1.3	U	5.9	1.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	5.9	1.1	ug/Kg
79-20-9	Methyl Acetate	2.0	U	5.9	2.0	ug/Kg
75-09-2	Methylene Chloride	2.9	U	5.9	2.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.5	U	5.9	1.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.3	U	5.9	1.3	ug/Kg
110-82-7	Cyclohexane	1.2	U	5.9	1.2	ug/Kg
78-93-3	2-Butanone	5.9	U	30	5.9	ug/Kg
56-23-5	Carbon Tetrachloride	0.70	U	5.9	0.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.5	U	5.9	1.5	ug/Kg
67-66-3	Chloroform	10		5.9	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.1	U	5.9	1.1	ug/Kg
108-87-2	Methylcyclohexane	0.98	U	5.9	0.98	ug/Kg
71-43-2	Benzene	0.85	U	5.9	0.85	ug/Kg
107-06-2	1,2-Dichloroethane	0.97	U	5.9	0.97	ug/Kg
79-01-6	Trichloroethene	0.86	U	5.9	0.86	ug/Kg
78-87-5	1,2-Dichloropropane	1.1	U	5.9	1.1	ug/Kg
75-27-4	Bromodichloromethane	0.83	U	5.9	0.83	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.5	U	30	4.5	ug/Kg
108-88-3	Toluene	1.0	U	5.9	1.0	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.99	U	5.9	0.99	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.79	U	5.9	0.79	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.72	U	5.9	0.72	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE5**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-05**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**15**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027183.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.2	U	30	5.2	ug/Kg
124-48-1	Dibromochloromethane	0.78	U	5.9	0.78	ug/Kg
106-93-4	1,2-Dibromoethane	0.97	U	5.9	0.97	ug/Kg
127-18-4	Tetrachloroethene	1.5	U	5.9	1.5	ug/Kg
108-90-7	Chlorobenzene	0.90	U	5.9	0.90	ug/Kg
100-41-4	Ethyl Benzene	0.94	U	5.9	0.94	ug/Kg
126777-61-2	m/p-Xylenes	2.2	U	12	2.2	ug/Kg
95-47-6	o-Xylene	0.90	U	5.9	0.90	ug/Kg
100-42-5	Styrene	0.73	U	5.9	0.73	ug/Kg
75-25-2	Bromoform	0.96	U	5.9	0.96	ug/Kg
98-82-8	Isopropylbenzene	0.97	U	5.9	0.97	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	5.9	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.79	U	5.9	0.79	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.91	U	5.9	0.91	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.0	U	5.9	1.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	5.9	1.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.78	U	5.9	0.78	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	66.73	133 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	91.57	183 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	52.66	105 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	24.45	49 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68345	3.22			
540-36-3	1,4-Difluorobenzene	71892	3.61			
3114-55-4	Chlorobenzene-d5	45964	6.30			
3855-82-1	1,4-Dichlorobenzene-d4	12339	8.63			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE5RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-05RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**15**
Sample Wt/Wol:	**4.9 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027199.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.3	U	6.0	2.3	ug/Kg
74-87-3	Chloromethane	1.6	U	6.0	1.6	ug/Kg
75-01-4	Vinyl chloride	1.6	U	6.0	1.6	ug/Kg
74-83-9	Bromomethane	2.4	U	6.0	2.4	ug/Kg
75-00-3	Chloroethane	2.2	U	6.0	2.2	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	6.0	1.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.0	U	6.0	2.0	ug/Kg
75-35-4	1,1-Dichloroethene	1.2	U	6.0	1.2	ug/Kg
67-64-1	Acetone	110		30	20	ug/Kg
75-15-0	Carbon disulfide	1.3	U	6.0	1.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.0	1.1	ug/Kg
79-20-9	Methyl Acetate	2.0	U	6.0	2.0	ug/Kg
75-09-2	Methylene Chloride	2.9	U	6.0	2.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.5	U	6.0	1.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.3	U	6.0	1.3	ug/Kg
110-82-7	Cyclohexane	1.2	U	6.0	1.2	ug/Kg
78-93-3	2-Butanone	6.0	U	30	6.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.70	U	6.0	0.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.5	U	6.0	1.5	ug/Kg
67-66-3	Chloroform	24		6.0	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.1	U	6.0	1.1	ug/Kg
108-87-2	Methylcyclohexane	0.99	U	6.0	0.99	ug/Kg
71-43-2	Benzene	0.86	U	6.0	0.86	ug/Kg
107-06-2	1,2-Dichloroethane	0.98	U	6.0	0.98	ug/Kg
79-01-6	Trichloroethene	0.87	U	6.0	0.87	ug/Kg
78-87-5	1,2-Dichloropropane	1.1	U	6.0	1.1	ug/Kg
75-27-4	Bromodichloromethane	0.83	U	6.0	0.83	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.5	U	30	4.5	ug/Kg
108-88-3	Toluene	1.0	U	6.0	1.0	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.0	U	6.0	1.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.80	U	6.0	0.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.73	U	6.0	0.73	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE5RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-05RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**15**
Sample Wt/Wol:	**4.9 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027199.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.2	U	30	5.2	ug/Kg
124-48-1	Dibromochloromethane	0.79	U	6.0	0.79	ug/Kg
106-93-4	1,2-Dibromoethane	0.98	U	6.0	0.98	ug/Kg
127-18-4	Tetrachloroethene	1.5	U	6.0	1.5	ug/Kg
108-90-7	Chlorobenzene	0.90	U	6.0	0.90	ug/Kg
100-41-4	Ethyl Benzene	0.95	U	6.0	0.95	ug/Kg
126777-61-2	m/p-Xylenes	2.2	U	12	2.2	ug/Kg
95-47-6	o-Xylene	0.90	U	6.0	0.90	ug/Kg
100-42-5	Styrene	0.74	U	6.0	0.74	ug/Kg
75-25-2	Bromoform	0.96	U	6.0	0.96	ug/Kg
98-82-8	Isopropylbenzene	0.98	U	6.0	0.98	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.0	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.80	U	6.0	0.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.92	U	6.0	0.92	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.0	U	6.0	1.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	6.0	1.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.79	U	6.0	0.79	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	88.55	177 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	101.5	203 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	55.68	111 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	23.78	48 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	43491	3.23			
540-36-3	1,4-Difluorobenzene	46551	3.61			
3114-55-4	Chlorobenzene-d5	28434	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	7778	8.62			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE6**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-06**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**16**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027184.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.3	U	6.0	2.3	ug/Kg
74-87-3	Chloromethane	1.6	U	6.0	1.6	ug/Kg
75-01-4	Vinyl chloride	1.6	U	6.0	1.6	ug/Kg
74-83-9	Bromomethane	2.4	U	6.0	2.4	ug/Kg
75-00-3	Chloroethane	2.2	U	6.0	2.2	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	6.0	1.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.0	U	6.0	2.0	ug/Kg
75-35-4	1,1-Dichloroethene	1.2	U	6.0	1.2	ug/Kg
67-64-1	Acetone	42		30	20	ug/Kg
75-15-0	Carbon disulfide	1.3	U	6.0	1.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.0	1.1	ug/Kg
79-20-9	Methyl Acetate	2.0	U	6.0	2.0	ug/Kg
75-09-2	Methylene Chloride	2.9	U	6.0	2.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.5	U	6.0	1.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.3	U	6.0	1.3	ug/Kg
110-82-7	Cyclohexane	1.2	U	6.0	1.2	ug/Kg
78-93-3	2-Butanone	6.0	U	30	6.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.70	U	6.0	0.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.5	U	6.0	1.5	ug/Kg
67-66-3	Chloroform	3.0	J	6.0	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.1	U	6.0	1.1	ug/Kg
108-87-2	Methylcyclohexane	0.99	U	6.0	0.99	ug/Kg
71-43-2	Benzene	0.86	U	6.0	0.86	ug/Kg
107-06-2	1,2-Dichloroethane	0.98	U	6.0	0.98	ug/Kg
79-01-6	Trichloroethene	0.87	U	6.0	0.87	ug/Kg
78-87-5	1,2-Dichloropropane	1.1	U	6.0	1.1	ug/Kg
75-27-4	Bromodichloromethane	0.83	U	6.0	0.83	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.5	U	30	4.5	ug/Kg
108-88-3	Toluene	1.0	U	6.0	1.0	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.0	U	6.0	1.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.80	U	6.0	0.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.73	U	6.0	0.73	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE6**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-06**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**16**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027184.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.2	U	30	5.2	ug/Kg
124-48-1	Dibromochloromethane	0.79	U	6.0	0.79	ug/Kg
106-93-4	1,2-Dibromoethane	0.98	U	6.0	0.98	ug/Kg
127-18-4	Tetrachloroethene	1.5	U	6.0	1.5	ug/Kg
108-90-7	Chlorobenzene	0.90	U	6.0	0.90	ug/Kg
100-41-4	Ethyl Benzene	0.95	U	6.0	0.95	ug/Kg
126777-61-2	m/p-Xylenes	2.2	U	12	2.2	ug/Kg
95-47-6	o-Xylene	0.90	U	6.0	0.90	ug/Kg
100-42-5	Styrene	0.74	U	6.0	0.74	ug/Kg
75-25-2	Bromoform	0.96	U	6.0	0.96	ug/Kg
98-82-8	Isopropylbenzene	0.98	U	6.0	0.98	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.0	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.80	U	6.0	0.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.92	U	6.0	0.92	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.0	U	6.0	1.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	6.0	1.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.79	U	6.0	0.79	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	70.45	141 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	80.97	162 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	54.04	108 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	22.75	46 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68837	3.23			
540-36-3	1,4-Difluorobenzene	80916	3.61			
3114-55-4	Chlorobenzene-d5	50756	6.30			
3855-82-1	1,4-Dichlorobenzene-d4	11980	8.63			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE6RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-06RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**16**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020655.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.3	U	6.0	2.3	ug/Kg
74-87-3	Chloromethane	1.6	U	6.0	1.6	ug/Kg
75-01-4	Vinyl chloride	1.7	U	6.0	1.7	ug/Kg
74-83-9	Bromomethane	2.4	U	6.0	2.4	ug/Kg
75-00-3	Chloroethane	2.2	U	6.0	2.2	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	6.0	1.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.0	U	6.0	2.0	ug/Kg
75-35-4	1,1-Dichloroethene	1.2	U	6.0	1.2	ug/Kg
67-64-1	Acetone	32		30	20	ug/Kg
75-15-0	Carbon disulfide	1.3	U	6.0	1.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.0	1.1	ug/Kg
79-20-9	Methyl Acetate	2.0	U	6.0	2.0	ug/Kg
75-09-2	Methylene Chloride	2.9	U	6.0	2.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.5	U	6.0	1.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.3	U	6.0	1.3	ug/Kg
110-82-7	Cyclohexane	1.2	U	6.0	1.2	ug/Kg
78-93-3	2-Butanone	6.0	U	30	6.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.71	U	6.0	0.71	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.5	U	6.0	1.5	ug/Kg
67-66-3	Chloroform	2.5	J	6.0	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.1	U	6.0	1.1	ug/Kg
108-87-2	Methylcyclohexane	1.0	U	6.0	1.0	ug/Kg
71-43-2	Benzene	0.86	U	6.0	0.86	ug/Kg
107-06-2	1,2-Dichloroethane	0.98	U	6.0	0.98	ug/Kg
79-01-6	Trichloroethene	0.88	U	6.0	0.88	ug/Kg
78-87-5	1,2-Dichloropropane	1.1	U	6.0	1.1	ug/Kg
75-27-4	Bromodichloromethane	0.84	U	6.0	0.84	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.6	U	30	4.6	ug/Kg
108-88-3	Toluene	1.1	U	6.0	1.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.0	U	6.0	1.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.80	U	6.0	0.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.73	U	6.0	0.73	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE6RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-06RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**16**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020655.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.2	U	30	5.2	ug/Kg
124-48-1	Dibromochloromethane	0.79	U	6.0	0.79	ug/Kg
106-93-4	1,2-Dibromoethane	0.98	U	6.0	0.98	ug/Kg
127-18-4	Tetrachloroethene	1.5	U	6.0	1.5	ug/Kg
108-90-7	Chlorobenzene	0.91	U	6.0	0.91	ug/Kg
100-41-4	Ethyl Benzene	0.96	U	6.0	0.96	ug/Kg
126777-61-2	m/p-Xylenes	2.2	U	12	2.2	ug/Kg
95-47-6	o-Xylene	0.91	U	6.0	0.91	ug/Kg
100-42-5	Styrene	0.74	U	6.0	0.74	ug/Kg
75-25-2	Bromoform	0.97	U	6.0	0.97	ug/Kg
98-82-8	Isopropylbenzene	0.98	U	6.0	0.98	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.0	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.80	U	6.0	0.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.92	U	6.0	0.92	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.0	U	6.0	1.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	6.0	1.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.79	U	6.0	0.79	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.16	116 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	67.69	135 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	50.81	102 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	25.11	50 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	283782	8.23			
540-36-3	1,4-Difluorobenzene	431417	8.81			
3114-55-4	Chlorobenzene-d5	312382	11.72			
3855-82-1	1,4-Dichlorobenzene-d4	68390	14.04			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-07**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**29**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027185.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.7	U	7.0	2.7	ug/Kg
74-87-3	Chloromethane	1.9	U	7.0	1.9	ug/Kg
75-01-4	Vinyl chloride	1.9	U	7.0	1.9	ug/Kg
74-83-9	Bromomethane	2.9	U	7.0	2.9	ug/Kg
75-00-3	Chloroethane	2.6	U	7.0	2.6	ug/Kg
75-69-4	Trichlorofluoromethane	1.7	U	7.0	1.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.4	U	7.0	2.4	ug/Kg
75-35-4	1,1-Dichloroethene	1.4	U	7.0	1.4	ug/Kg
67-64-1	Acetone	97		35	24	ug/Kg
75-15-0	Carbon disulfide	1.5	U	7.0	1.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.3	U	7.0	1.3	ug/Kg
79-20-9	Methyl Acetate	2.4	U	7.0	2.4	ug/Kg
75-09-2	Methylene Chloride	3.4	U	7.0	3.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.7	U	7.0	1.7	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	7.0	1.6	ug/Kg
110-82-7	Cyclohexane	1.4	U	7.0	1.4	ug/Kg
78-93-3	2-Butanone	7.1	U	35	7.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.83	U	7.0	0.83	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	7.0	1.8	ug/Kg
67-66-3	Chloroform	1.3	U	7.0	1.3	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.3	U	7.0	1.3	ug/Kg
108-87-2	Methylcyclohexane	1.2	U	7.0	1.2	ug/Kg
71-43-2	Benzene	12		7.0	1.0	ug/Kg
107-06-2	1,2-Dichloroethane	1.2	U	7.0	1.2	ug/Kg
79-01-6	Trichloroethene	1.0	U	7.0	1.0	ug/Kg
78-87-5	1,2-Dichloropropane	1.3	U	7.0	1.3	ug/Kg
75-27-4	Bromodichloromethane	0.99	U	7.0	0.99	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.4	U	35	5.4	ug/Kg
108-88-3	Toluene	5.9	J	7.0	1.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.2	U	7.0	1.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.94	U	7.0	0.94	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.86	U	7.0	0.86	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-07**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**29**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027185.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	6.2	U	35	6.2	ug/Kg
124-48-1	Dibromochloromethane	0.93	U	7.0	0.93	ug/Kg
106-93-4	1,2-Dibromoethane	1.2	U	7.0	1.2	ug/Kg
127-18-4	Tetrachloroethene	1.7	U	7.0	1.7	ug/Kg
108-90-7	Chlorobenzene	1.1	U	7.0	1.1	ug/Kg
100-41-4	Ethyl Benzene	1.7	J	7.0	1.1	ug/Kg
126777-61-2	m/p-Xylenes	4.9	J	14	2.6	ug/Kg
95-47-6	o-Xylene	2.6	J	7.0	1.1	ug/Kg
100-42-5	Styrene	0.87	U	7.0	0.87	ug/Kg
75-25-2	Bromoform	1.1	U	7.0	1.1	ug/Kg
98-82-8	Isopropylbenzene	1.2	U	7.0	1.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U	7.0	1.3	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.94	U	7.0	0.94	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.1	U	7.0	1.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.2	U	7.0	1.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.4	U	7.0	1.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.93	U	7.0	0.93	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.49	107 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	64.37	129 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	50.32	101 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	24.05	48 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	76736	3.22			
540-36-3	1,4-Difluorobenzene	90096	3.61			
3114-55-4	Chlorobenzene-d5	55885	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	15106	8.62			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC2-TRENCH1RE	SDG No.:	Z3664
Lab Sample ID:	Z3664-07RE	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	29
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020656.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.7	U	7.0	2.7	ug/Kg
74-87-3	Chloromethane	1.9	U	7.0	1.9	ug/Kg
75-01-4	Vinyl chloride	1.9	U	7.0	1.9	ug/Kg
74-83-9	Bromomethane	2.9	U	7.0	2.9	ug/Kg
75-00-3	Chloroethane	2.6	U	7.0	2.6	ug/Kg
75-69-4	Trichlorofluoromethane	1.7	U	7.0	1.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.4	U	7.0	2.4	ug/Kg
75-35-4	1,1-Dichloroethene	1.4	U	7.0	1.4	ug/Kg
67-64-1	Acetone	160		35	24	ug/Kg
75-15-0	Carbon disulfide	1.5	U	7.0	1.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.3	U	7.0	1.3	ug/Kg
79-20-9	Methyl Acetate	2.4	U	7.0	2.4	ug/Kg
75-09-2	Methylene Chloride	3.4	U	7.0	3.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.7	U	7.0	1.7	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	7.0	1.6	ug/Kg
110-82-7	Cyclohexane	1.4	U	7.0	1.4	ug/Kg
78-93-3	2-Butanone	7.1	U	35	7.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.83	U	7.0	0.83	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	7.0	1.8	ug/Kg
67-66-3	Chloroform	1.3	U	7.0	1.3	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.3	U	7.0	1.3	ug/Kg
108-87-2	Methylcyclohexane	1.2	U	7.0	1.2	ug/Kg
71-43-2	Benzene	7.5		7.0	1.0	ug/Kg
107-06-2	1,2-Dichloroethane	1.2	U	7.0	1.2	ug/Kg
79-01-6	Trichloroethene	1.0	U	7.0	1.0	ug/Kg
78-87-5	1,2-Dichloropropane	1.3	U	7.0	1.3	ug/Kg
75-27-4	Bromodichloromethane	0.98	U	7.0	0.98	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.4	U	35	5.4	ug/Kg
108-88-3	Toluene	5.3	J	7.0	1.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.2	U	7.0	1.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.94	U	7.0	0.94	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.86	U	7.0	0.86	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC2-TRENCH1RE	SDG No.:	Z3664
Lab Sample ID:	Z3664-07RE	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	29
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020656.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	6.1	U	35	6.1	ug/Kg
124-48-1	Dibromochloromethane	0.93	U	7.0	0.93	ug/Kg
106-93-4	1,2-Dibromoethane	1.2	U	7.0	1.2	ug/Kg
127-18-4	Tetrachloroethene	1.7	U	7.0	1.7	ug/Kg
108-90-7	Chlorobenzene	1.1	U	7.0	1.1	ug/Kg
100-41-4	Ethyl Benzene	1.5	J	7.0	1.1	ug/Kg
126777-61-2	m/p-Xylenes	5.0	J	14	2.6	ug/Kg
95-47-6	o-Xylene	2.7	J	7.0	1.1	ug/Kg
100-42-5	Styrene	0.87	U	7.0	0.87	ug/Kg
75-25-2	Bromoform	1.1	U	7.0	1.1	ug/Kg
98-82-8	Isopropylbenzene	1.2	U	7.0	1.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U	7.0	1.3	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.94	U	7.0	0.94	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.1	U	7.0	1.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.2	U	7.0	1.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.4	U	7.0	1.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.93	U	7.0	0.93	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.19	94 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	59.56	119 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	46.79	94 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	23.85	48 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	264281	8.23			
540-36-3	1,4-Difluorobenzene	398778	8.81			
3114-55-4	Chlorobenzene-d5	267571	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	63727	14.02			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**38**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027186.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	3.1	U	8.1	3.1	ug/Kg
74-87-3	Chloromethane	2.2	U	8.1	2.2	ug/Kg
75-01-4	Vinyl chloride	2.2	U	8.1	2.2	ug/Kg
74-83-9	Bromomethane	3.3	U	8.1	3.3	ug/Kg
75-00-3	Chloroethane	3.0	U	8.1	3.0	ug/Kg
75-69-4	Trichlorofluoromethane	1.9	U	8.1	1.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.7	U	8.1	2.7	ug/Kg
75-35-4	1,1-Dichloroethene	1.6	U	8.1	1.6	ug/Kg
67-64-1	Acetone	140		40	28	ug/Kg
75-15-0	Carbon disulfide	1.7	U	8.1	1.7	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.4	U	8.1	1.4	ug/Kg
79-20-9	Methyl Acetate	2.7	U	8.1	2.7	ug/Kg
75-09-2	Methylene Chloride	3.9	U	8.1	3.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.0	U	8.1	2.0	ug/Kg
75-34-3	1,1-Dichloroethane	1.8	U	8.1	1.8	ug/Kg
110-82-7	Cyclohexane	1.7	U	8.1	1.7	ug/Kg
78-93-3	2-Butanone	9.7	J	40	8.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.96	U	8.1	0.96	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.1	U	8.1	2.1	ug/Kg
67-66-3	Chloroform	1.4	U	8.1	1.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.5	U	8.1	1.5	ug/Kg
108-87-2	Methylcyclohexane	1.3	U	8.1	1.3	ug/Kg
71-43-2	Benzene	42		8.1	1.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.3	U	8.1	1.3	ug/Kg
79-01-6	Trichloroethene	1.2	U	8.1	1.2	ug/Kg
78-87-5	1,2-Dichloropropane	1.5	U	8.1	1.5	ug/Kg
75-27-4	Bromodichloromethane	1.1	U	8.1	1.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	6.2	U	40	6.2	ug/Kg
108-88-3	Toluene	11		8.1	1.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.4	U	8.1	1.4	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.1	U	8.1	1.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.99	U	8.1	0.99	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**38**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027186.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	7.1	U	40	7.1	ug/Kg
124-48-1	Dibromochloromethane	1.1	U	8.1	1.1	ug/Kg
106-93-4	1,2-Dibromoethane	1.3	U	8.1	1.3	ug/Kg
127-18-4	Tetrachloroethene	2.0	U	8.1	2.0	ug/Kg
108-90-7	Chlorobenzene	1.2	U	8.1	1.2	ug/Kg
100-41-4	Ethyl Benzene	3.5	J	8.1	1.3	ug/Kg
126777-61-2	m/p-Xylenes	9.4	J	16	3.0	ug/Kg
95-47-6	o-Xylene	4.6	J	8.1	1.2	ug/Kg
100-42-5	Styrene	1.0	U	8.1	1.0	ug/Kg
75-25-2	Bromoform	1.3	U	8.1	1.3	ug/Kg
98-82-8	Isopropylbenzene	3.3	J	8.1	1.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	8.1	1.4	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.1	U	8.1	1.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.2	U	8.1	1.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.4	U	8.1	1.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.7	U	8.1	1.7	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.1	U	8.1	1.1	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	68.77	138 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	88.63	177 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	47.56	95 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	12.52	25 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	40083	3.23			
540-36-3	1,4-Difluorobenzene	43061	3.61			
3114-55-4	Chlorobenzene-d5	21283	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	3448	8.63			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**38**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020657.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	3.1	U	8.1	3.1	ug/Kg
74-87-3	Chloromethane	2.1	U	8.1	2.1	ug/Kg
75-01-4	Vinyl chloride	2.2	U	8.1	2.2	ug/Kg
74-83-9	Bromomethane	3.3	U	8.1	3.3	ug/Kg
75-00-3	Chloroethane	3.0	U	8.1	3.0	ug/Kg
75-69-4	Trichlorofluoromethane	1.9	U	8.1	1.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.7	U	8.1	2.7	ug/Kg
75-35-4	1,1-Dichloroethene	1.6	U	8.1	1.6	ug/Kg
67-64-1	Acetone	310		40	27	ug/Kg
75-15-0	Carbon disulfide	1.7	U	8.1	1.7	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.4	U	8.1	1.4	ug/Kg
79-20-9	Methyl Acetate	2.7	U	8.1	2.7	ug/Kg
75-09-2	Methylene Chloride	3.9	U	8.1	3.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.0	U	8.1	2.0	ug/Kg
75-34-3	1,1-Dichloroethane	1.8	U	8.1	1.8	ug/Kg
110-82-7	Cyclohexane	1.6	U	8.1	1.6	ug/Kg
78-93-3	2-Butanone	32	J	40	8.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.95	U	8.1	0.95	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.1	U	8.1	2.1	ug/Kg
67-66-3	Chloroform	1.4	U	8.1	1.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.5	U	8.1	1.5	ug/Kg
108-87-2	Methylcyclohexane	1.3	U	8.1	1.3	ug/Kg
71-43-2	Benzene	95		8.1	1.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.3	U	8.1	1.3	ug/Kg
79-01-6	Trichloroethene	1.2	U	8.1	1.2	ug/Kg
78-87-5	1,2-Dichloropropane	1.5	U	8.1	1.5	ug/Kg
75-27-4	Bromodichloromethane	1.1	U	8.1	1.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	6.2	U	40	6.2	ug/Kg
108-88-3	Toluene	30		8.1	1.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.4	U	8.1	1.4	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.1	U	8.1	1.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.98	U	8.1	0.98	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC2-TRENCH2RE	SDG No.:	Z3664
Lab Sample ID:	Z3664-08RE	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	38
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020657.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	7.0	U	40	7.0	ug/Kg
124-48-1	Dibromochloromethane	1.1	U	8.1	1.1	ug/Kg
106-93-4	1,2-Dibromoethane	1.3	U	8.1	1.3	ug/Kg
127-18-4	Tetrachloroethene	5.2	J	8.1	2.0	ug/Kg
108-90-7	Chlorobenzene	1.2	U	8.1	1.2	ug/Kg
100-41-4	Ethyl Benzene	9.5		8.1	1.3	ug/Kg
126777-61-2	m/p-Xylenes	21		16	3.0	ug/Kg
95-47-6	o-Xylene	12		8.1	1.2	ug/Kg
100-42-5	Styrene	1.0	U	8.1	1.0	ug/Kg
75-25-2	Bromoform	1.3	U	8.1	1.3	ug/Kg
98-82-8	Isopropylbenzene	6.8	J	8.1	1.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	8.1	1.4	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.1	U	8.1	1.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.2	U	8.1	1.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.4	U	8.1	1.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.6	U	8.1	1.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.1	U	8.1	1.1	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49	98 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	88.96	178 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	49.14	98 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	11.26	23 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	143427	8.23			
540-36-3	1,4-Difluorobenzene	174379	8.81			
3114-55-4	Chlorobenzene-d5	78402	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	11454	14.02			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-1(0-1)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-09**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**5**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027187.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.0	U	5.2	2.0	ug/Kg
74-87-3	Chloromethane	1.4	U	5.2	1.4	ug/Kg
75-01-4	Vinyl chloride	1.4	U	5.2	1.4	ug/Kg
74-83-9	Bromomethane	2.1	U	5.2	2.1	ug/Kg
75-00-3	Chloroethane	1.9	U	5.2	1.9	ug/Kg
75-69-4	Trichlorofluoromethane	1.2	U	5.2	1.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.8	U	5.2	1.8	ug/Kg
75-35-4	1,1-Dichloroethene	1.0	U	5.2	1.0	ug/Kg
67-64-1	Acetone	18	U	26	18	ug/Kg
75-15-0	Carbon disulfide	1.1	U	5.2	1.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.93	U	5.2	0.93	ug/Kg
79-20-9	Methyl Acetate	1.8	U	5.2	1.8	ug/Kg
75-09-2	Methylene Chloride	2.9	J	5.2	2.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.3	U	5.2	1.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.2	U	5.2	1.2	ug/Kg
110-82-7	Cyclohexane	1.1	U	5.2	1.1	ug/Kg
78-93-3	2-Butanone	5.3	U	26	5.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.62	U	5.2	0.62	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.4	U	5.2	1.4	ug/Kg
67-66-3	Chloroform	0.93	U	5.2	0.93	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.0	U	5.2	1.0	ug/Kg
108-87-2	Methylcyclohexane	0.87	U	5.2	0.87	ug/Kg
71-43-2	Benzene	0.75	U	5.2	0.75	ug/Kg
107-06-2	1,2-Dichloroethane	0.86	U	5.2	0.86	ug/Kg
79-01-6	Trichloroethene	0.77	U	5.2	0.77	ug/Kg
78-87-5	1,2-Dichloropropane	0.99	U	5.2	0.99	ug/Kg
75-27-4	Bromodichloromethane	0.73	U	5.2	0.73	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.0	U	26	4.0	ug/Kg
108-88-3	Toluene	100		5.2	0.92	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.88	U	5.2	0.88	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.70	U	5.2	0.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.64	U	5.2	0.64	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC2-SB-1(0-1)	SDG No.:	Z3664
Lab Sample ID:	Z3664-09	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	5
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027187.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	4.6	U	26	4.6	ug/Kg
124-48-1	Dibromochloromethane	0.69	U	5.2	0.69	ug/Kg
106-93-4	1,2-Dibromoethane	0.86	U	5.2	0.86	ug/Kg
127-18-4	Tetrachloroethene	1.3	U	5.2	1.3	ug/Kg
108-90-7	Chlorobenzene	0.80	U	5.2	0.80	ug/Kg
100-41-4	Ethyl Benzene	7.2		5.2	0.84	ug/Kg
126777-61-2	m/p-Xylenes	54		10	2.0	ug/Kg
95-47-6	o-Xylene	20		5.2	0.80	ug/Kg
100-42-5	Styrene	0.65	U	5.2	0.65	ug/Kg
75-25-2	Bromoform	0.85	U	5.2	0.85	ug/Kg
98-82-8	Isopropylbenzene	0.86	U	5.2	0.86	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.93	U	5.2	0.93	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.70	U	5.2	0.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.81	U	5.2	0.81	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.90	U	5.2	0.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	5.2	1.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.69	U	5.2	0.69	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.63	125 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	58.84	118 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	53.87	108 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	41.66	83 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	101597	3.23			
540-36-3	1,4-Difluorobenzene	142359	3.61			
3114-55-4	Chlorobenzene-d5	131847	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	49927	8.63			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-1(0-1)RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-09RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**5**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020658.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.0	U	5.3	2.0	ug/Kg
74-87-3	Chloromethane	1.4	U	5.3	1.4	ug/Kg
75-01-4	Vinyl chloride	1.5	U	5.3	1.5	ug/Kg
74-83-9	Bromomethane	2.1	U	5.3	2.1	ug/Kg
75-00-3	Chloroethane	1.9	U	5.3	1.9	ug/Kg
75-69-4	Trichlorofluoromethane	1.3	U	5.3	1.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.8	U	5.3	1.8	ug/Kg
75-35-4	1,1-Dichloroethene	1.1	U	5.3	1.1	ug/Kg
67-64-1	Acetone	27		26	18	ug/Kg
75-15-0	Carbon disulfide	1.1	U	5.3	1.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.94	U	5.3	0.94	ug/Kg
79-20-9	Methyl Acetate	1.8	U	5.3	1.8	ug/Kg
75-09-2	Methylene Chloride	3.0	J	5.3	2.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.3	U	5.3	1.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.2	U	5.3	1.2	ug/Kg
110-82-7	Cyclohexane	1.1	U	5.3	1.1	ug/Kg
78-93-3	2-Butanone	5.3	U	26	5.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.62	U	5.3	0.62	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.4	U	5.3	1.4	ug/Kg
67-66-3	Chloroform	0.94	U	5.3	0.94	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.0	U	5.3	1.0	ug/Kg
108-87-2	Methylcyclohexane	0.87	U	5.3	0.87	ug/Kg
71-43-2	Benzene	0.76	U	5.3	0.76	ug/Kg
107-06-2	1,2-Dichloroethane	0.86	U	5.3	0.86	ug/Kg
79-01-6	Trichloroethene	0.77	U	5.3	0.77	ug/Kg
78-87-5	1,2-Dichloropropane	0.99	U	5.3	0.99	ug/Kg
75-27-4	Bromodichloromethane	0.74	U	5.3	0.74	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.0	U	26	4.0	ug/Kg
108-88-3	Toluene	71		5.3	0.93	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.88	U	5.3	0.88	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.71	U	5.3	0.71	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.64	U	5.3	0.64	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC2-SB-1(0-1)RE	SDG No.:	Z3664
Lab Sample ID:	Z3664-09RE	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	5
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020658.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	4.6	U	26	4.6	ug/Kg
124-48-1	Dibromochloromethane	0.69	U	5.3	0.69	ug/Kg
106-93-4	1,2-Dibromoethane	0.86	U	5.3	0.86	ug/Kg
127-18-4	Tetrachloroethene	1.3	U	5.3	1.3	ug/Kg
108-90-7	Chlorobenzene	0.80	U	5.3	0.80	ug/Kg
100-41-4	Ethyl Benzene	5.8		5.3	0.84	ug/Kg
126777-61-2	m/p-Xylenes	36		11	2.0	ug/Kg
95-47-6	o-Xylene	15		5.3	0.80	ug/Kg
100-42-5	Styrene	0.65	U	5.3	0.65	ug/Kg
75-25-2	Bromoform	0.85	U	5.3	0.85	ug/Kg
98-82-8	Isopropylbenzene	0.86	U	5.3	0.86	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.94	U	5.3	0.94	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.71	U	5.3	0.71	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.81	U	5.3	0.81	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.91	U	5.3	0.91	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	5.3	1.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.69	U	5.3	0.69	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.94	112 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	52.12	104 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	50.97	102 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	30.94	62 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	348188	8.23			
540-36-3	1,4-Difluorobenzene	642051	8.81			
3114-55-4	Chlorobenzene-d5	539154	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	151247	14.02			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC2-SB-2(1-2)	SDG No.:	Z3664
Lab Sample ID:	Z3664-10	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	8
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027188.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.1	U	5.4	2.1	ug/Kg
74-87-3	Chloromethane	1.4	U	5.4	1.4	ug/Kg
75-01-4	Vinyl chloride	1.5	U	5.4	1.5	ug/Kg
74-83-9	Bromomethane	2.2	U	5.4	2.2	ug/Kg
75-00-3	Chloroethane	2.0	U	5.4	2.0	ug/Kg
75-69-4	Trichlorofluoromethane	1.3	U	5.4	1.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.8	U	5.4	1.8	ug/Kg
75-35-4	1,1-Dichloroethene	1.1	U	5.4	1.1	ug/Kg
67-64-1	Acetone	70		27	18	ug/Kg
75-15-0	Carbon disulfide	1.2	U	5.4	1.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.96	U	5.4	0.96	ug/Kg
79-20-9	Methyl Acetate	1.8	U	5.4	1.8	ug/Kg
75-09-2	Methylene Chloride	2.6	U	5.4	2.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.3	U	5.4	1.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.2	U	5.4	1.2	ug/Kg
110-82-7	Cyclohexane	1.1	U	5.4	1.1	ug/Kg
78-93-3	2-Butanone	5.4	U	27	5.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.64	U	5.4	0.64	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.4	U	5.4	1.4	ug/Kg
67-66-3	Chloroform	0.96	U	5.4	0.96	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.0	U	5.4	1.0	ug/Kg
108-87-2	Methylcyclohexane	0.90	U	5.4	0.90	ug/Kg
71-43-2	Benzene	0.78	U	5.4	0.78	ug/Kg
107-06-2	1,2-Dichloroethane	0.88	U	5.4	0.88	ug/Kg
79-01-6	Trichloroethene	0.79	U	5.4	0.79	ug/Kg
78-87-5	1,2-Dichloropropane	1.0	U	5.4	1.0	ug/Kg
75-27-4	Bromodichloromethane	0.75	U	5.4	0.75	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.1	U	27	4.1	ug/Kg
108-88-3	Toluene	0.95	U	5.4	0.95	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.91	U	5.4	0.91	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.72	U	5.4	0.72	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.66	U	5.4	0.66	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC2-SB-2(1-2)	SDG No.:	Z3664
Lab Sample ID:	Z3664-10	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	8
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027188.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	4.7	U	27	4.7	ug/Kg
124-48-1	Dibromochloromethane	0.71	U	5.4	0.71	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	5.4	0.88	ug/Kg
127-18-4	Tetrachloroethene	1.3	U	5.4	1.3	ug/Kg
108-90-7	Chlorobenzene	0.82	U	5.4	0.82	ug/Kg
100-41-4	Ethyl Benzene	0.86	U	5.4	0.86	ug/Kg
126777-61-2	m/p-Xylenes	2.0	U	11	2.0	ug/Kg
95-47-6	o-Xylene	0.82	U	5.4	0.82	ug/Kg
100-42-5	Styrene	0.67	U	5.4	0.67	ug/Kg
75-25-2	Bromoform	0.87	U	5.4	0.87	ug/Kg
98-82-8	Isopropylbenzene	0.88	U	5.4	0.88	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.96	U	5.4	0.96	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.72	U	5.4	0.72	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.83	U	5.4	0.83	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.93	U	5.4	0.93	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	5.4	1.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.71	U	5.4	0.71	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	66.75	134 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	60.01	120 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	52.82	106 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	48.77	98 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	97779	3.23			
540-36-3	1,4-Difluorobenzene	137701	3.61			
3114-55-4	Chlorobenzene-d5	134403	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	63966	8.63			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC2-SB-3(1-2)	SDG No.:	Z3664
Lab Sample ID:	Z3664-11	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	6
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020659.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.0	U	5.3	2.0	ug/Kg
74-87-3	Chloromethane	1.4	U	5.3	1.4	ug/Kg
75-01-4	Vinyl chloride	1.5	U	5.3	1.5	ug/Kg
74-83-9	Bromomethane	2.1	U	5.3	2.1	ug/Kg
75-00-3	Chloroethane	2.0	U	5.3	2.0	ug/Kg
75-69-4	Trichlorofluoromethane	1.3	U	5.3	1.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.8	U	5.3	1.8	ug/Kg
75-35-4	1,1-Dichloroethene	1.1	U	5.3	1.1	ug/Kg
67-64-1	Acetone	27		26	18	ug/Kg
75-15-0	Carbon disulfide	1.1	U	5.3	1.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.94	U	5.3	0.94	ug/Kg
79-20-9	Methyl Acetate	29		5.3	1.8	ug/Kg
75-09-2	Methylene Chloride	2.6	J	5.3	2.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.3	U	5.3	1.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.2	U	5.3	1.2	ug/Kg
110-82-7	Cyclohexane	1.1	U	5.3	1.1	ug/Kg
78-93-3	2-Butanone	5.3	U	26	5.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.62	U	5.3	0.62	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.4	U	5.3	1.4	ug/Kg
67-66-3	Chloroform	0.94	U	5.3	0.94	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.0	U	5.3	1.0	ug/Kg
108-87-2	Methylcyclohexane	0.88	U	5.3	0.88	ug/Kg
71-43-2	Benzene	0.76	U	5.3	0.76	ug/Kg
107-06-2	1,2-Dichloroethane	0.87	U	5.3	0.87	ug/Kg
79-01-6	Trichloroethene	0.77	U	5.3	0.77	ug/Kg
78-87-5	1,2-Dichloropropane	0.99	U	5.3	0.99	ug/Kg
75-27-4	Bromodichloromethane	0.74	U	5.3	0.74	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.0	U	26	4.0	ug/Kg
108-88-3	Toluene	0.93	U	5.3	0.93	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.89	U	5.3	0.89	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.71	U	5.3	0.71	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.64	U	5.3	0.64	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-3(1-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-11**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**6**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020659.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	4.6	U	26	4.6	ug/Kg
124-48-1	Dibromochloromethane	0.70	U	5.3	0.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.87	U	5.3	0.87	ug/Kg
127-18-4	Tetrachloroethene	1.3	U	5.3	1.3	ug/Kg
108-90-7	Chlorobenzene	0.80	U	5.3	0.80	ug/Kg
100-41-4	Ethyl Benzene	0.84	U	5.3	0.84	ug/Kg
126777-61-2	m/p-Xylenes	2.0	U	11	2.0	ug/Kg
95-47-6	o-Xylene	0.80	U	5.3	0.80	ug/Kg
100-42-5	Styrene	0.65	U	5.3	0.65	ug/Kg
75-25-2	Bromoform	0.85	U	5.3	0.85	ug/Kg
98-82-8	Isopropylbenzene	0.87	U	5.3	0.87	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.94	U	5.3	0.94	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.71	U	5.3	0.71	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.81	U	5.3	0.81	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.91	U	5.3	0.91	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	5.3	1.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.70	U	5.3	0.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.67	107 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	52.27	105 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	50.83	102 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	33.16	66 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	346728	8.22			
540-36-3	1,4-Difluorobenzene	627107	8.81			
3114-55-4	Chlorobenzene-d5	530961	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	157487	14.01			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-4(0.5-1.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-12**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**6**
Sample Wt/Wol:	**5.1 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027190.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.0	U	5.3	2.0	ug/Kg
74-87-3	Chloromethane	1.4	U	5.3	1.4	ug/Kg
75-01-4	Vinyl chloride	1.5	U	5.3	1.5	ug/Kg
74-83-9	Bromomethane	2.1	U	5.3	2.1	ug/Kg
75-00-3	Chloroethane	1.9	U	5.3	1.9	ug/Kg
75-69-4	Trichlorofluoromethane	1.3	U	5.3	1.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.8	U	5.3	1.8	ug/Kg
75-35-4	1,1-Dichloroethene	1.1	U	5.3	1.1	ug/Kg
67-64-1	Acetone	160		26	18	ug/Kg
75-15-0	Carbon disulfide	1.1	U	5.3	1.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.94	U	5.3	0.94	ug/Kg
79-20-9	Methyl Acetate	130		5.3	1.8	ug/Kg
75-09-2	Methylene Chloride	2.6	U	5.3	2.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.3	U	5.3	1.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.2	U	5.3	1.2	ug/Kg
110-82-7	Cyclohexane	1.1	U	5.3	1.1	ug/Kg
78-93-3	2-Butanone	5.3	U	26	5.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.62	U	5.3	0.62	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.4	U	5.3	1.4	ug/Kg
67-66-3	Chloroform	0.94	U	5.3	0.94	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.0	U	5.3	1.0	ug/Kg
108-87-2	Methylcyclohexane	0.87	U	5.3	0.87	ug/Kg
71-43-2	Benzene	0.76	U	5.3	0.76	ug/Kg
107-06-2	1,2-Dichloroethane	0.86	U	5.3	0.86	ug/Kg
79-01-6	Trichloroethene	0.77	U	5.3	0.77	ug/Kg
78-87-5	1,2-Dichloropropane	0.99	U	5.3	0.99	ug/Kg
75-27-4	Bromodichloromethane	0.74	U	5.3	0.74	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.0	U	26	4.0	ug/Kg
108-88-3	Toluene	0.93	U	5.3	0.93	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.88	U	5.3	0.88	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.70	U	5.3	0.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.64	U	5.3	0.64	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-4(0.5-1.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-12**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**6**
Sample Wt/Wol:	**5.1 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027190.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	4.6	U	26	4.6	ug/Kg
124-48-1	Dibromochloromethane	0.69	U	5.3	0.69	ug/Kg
106-93-4	1,2-Dibromoethane	0.86	U	5.3	0.86	ug/Kg
127-18-4	Tetrachloroethene	1.3	U	5.3	1.3	ug/Kg
108-90-7	Chlorobenzene	0.80	U	5.3	0.80	ug/Kg
100-41-4	Ethyl Benzene	0.84	U	5.3	0.84	ug/Kg
126777-61-2	m/p-Xylenes	2.0	U	11	2.0	ug/Kg
95-47-6	o-Xylene	0.80	U	5.3	0.80	ug/Kg
100-42-5	Styrene	0.65	U	5.3	0.65	ug/Kg
75-25-2	Bromoform	0.85	U	5.3	0.85	ug/Kg
98-82-8	Isopropylbenzene	0.86	U	5.3	0.86	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.94	U	5.3	0.94	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.70	U	5.3	0.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.81	U	5.3	0.81	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.90	U	5.3	0.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	5.3	1.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.69	U	5.3	0.69	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	68.06	136 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	73.57	147 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	54.95	110 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	27.64	55 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	71993	3.23			
540-36-3	1,4-Difluorobenzene	87356	3.61			
3114-55-4	Chlorobenzene-d5	62876	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	17479	8.63			
TENTITIVE IDENTIFIED COMPOUNDS						
000066-25-1	Hexanal	34	J	6.05		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-4(0.5-1.5)RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-12RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**6**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020660.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.0	U	5.3	2.0	ug/Kg
74-87-3	Chloromethane	1.4	U	5.3	1.4	ug/Kg
75-01-4	Vinyl chloride	1.5	U	5.3	1.5	ug/Kg
74-83-9	Bromomethane	2.1	U	5.3	2.1	ug/Kg
75-00-3	Chloroethane	2.0	U	5.3	2.0	ug/Kg
75-69-4	Trichlorofluoromethane	1.3	U	5.3	1.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.8	U	5.3	1.8	ug/Kg
75-35-4	1,1-Dichloroethene	1.1	U	5.3	1.1	ug/Kg
67-64-1	Acetone	140		26	18	ug/Kg
75-15-0	Carbon disulfide	1.1	U	5.3	1.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.94	U	5.3	0.94	ug/Kg
79-20-9	Methyl Acetate	64		5.3	1.8	ug/Kg
75-09-2	Methylene Chloride	2.6	U	5.3	2.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.3	U	5.3	1.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.2	U	5.3	1.2	ug/Kg
110-82-7	Cyclohexane	1.1	U	5.3	1.1	ug/Kg
78-93-3	2-Butanone	5.3	U	26	5.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.62	U	5.3	0.62	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.4	U	5.3	1.4	ug/Kg
67-66-3	Chloroform	0.94	U	5.3	0.94	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.0	U	5.3	1.0	ug/Kg
108-87-2	Methylcyclohexane	0.88	U	5.3	0.88	ug/Kg
71-43-2	Benzene	0.76	U	5.3	0.76	ug/Kg
107-06-2	1,2-Dichloroethane	0.87	U	5.3	0.87	ug/Kg
79-01-6	Trichloroethene	0.77	U	5.3	0.77	ug/Kg
78-87-5	1,2-Dichloropropane	0.99	U	5.3	0.99	ug/Kg
75-27-4	Bromodichloromethane	0.74	U	5.3	0.74	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.0	U	26	4.0	ug/Kg
108-88-3	Toluene	0.93	U	5.3	0.93	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.89	U	5.3	0.89	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.71	U	5.3	0.71	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.64	U	5.3	0.64	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-4(0.5-1.5)RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-12RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**6**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020660.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	4.6	U	26	4.6	ug/Kg
124-48-1	Dibromochloromethane	0.70	U	5.3	0.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.87	U	5.3	0.87	ug/Kg
127-18-4	Tetrachloroethene	1.3	U	5.3	1.3	ug/Kg
108-90-7	Chlorobenzene	0.80	U	5.3	0.80	ug/Kg
100-41-4	Ethyl Benzene	0.84	U	5.3	0.84	ug/Kg
126777-61-2	m/p-Xylenes	2.0	U	11	2.0	ug/Kg
95-47-6	o-Xylene	0.80	U	5.3	0.80	ug/Kg
100-42-5	Styrene	0.65	U	5.3	0.65	ug/Kg
75-25-2	Bromoform	0.85	U	5.3	0.85	ug/Kg
98-82-8	Isopropylbenzene	0.87	U	5.3	0.87	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.94	U	5.3	0.94	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.71	U	5.3	0.71	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.81	U	5.3	0.81	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.91	U	5.3	0.91	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	5.3	1.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.70	U	5.3	0.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.16	116 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	57.28	115 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	48.55	97 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	31.31	63 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	249684	8.23			
540-36-3	1,4-Difluorobenzene	438490	8.80			
3114-55-4	Chlorobenzene-d5	342845	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	98647	14.02			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-5(2-3)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-13**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**9**
Sample Wt/Wol:	**5.1 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027191.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.1	U	5.4	2.1	ug/Kg
74-87-3	Chloromethane	1.4	U	5.4	1.4	ug/Kg
75-01-4	Vinyl chloride	1.5	U	5.4	1.5	ug/Kg
74-83-9	Bromomethane	2.2	U	5.4	2.2	ug/Kg
75-00-3	Chloroethane	2.0	U	5.4	2.0	ug/Kg
75-69-4	Trichlorofluoromethane	1.3	U	5.4	1.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.8	U	5.4	1.8	ug/Kg
75-35-4	1,1-Dichloroethene	1.1	U	5.4	1.1	ug/Kg
67-64-1	Acetone	19	U	27	19	ug/Kg
75-15-0	Carbon disulfide	1.2	U	5.4	1.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.97	U	5.4	0.97	ug/Kg
79-20-9	Methyl Acetate	1.8	U	5.4	1.8	ug/Kg
75-09-2	Methylene Chloride	2.6	U	5.4	2.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.3	U	5.4	1.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.2	U	5.4	1.2	ug/Kg
110-82-7	Cyclohexane	1.1	U	5.4	1.1	ug/Kg
78-93-3	2-Butanone	5.5	U	27	5.5	ug/Kg
56-23-5	Carbon Tetrachloride	0.64	U	5.4	0.64	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.4	U	5.4	1.4	ug/Kg
67-66-3	Chloroform	0.97	U	5.4	0.97	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.0	U	5.4	1.0	ug/Kg
108-87-2	Methylcyclohexane	0.90	U	5.4	0.90	ug/Kg
71-43-2	Benzene	0.78	U	5.4	0.78	ug/Kg
107-06-2	1,2-Dichloroethane	0.89	U	5.4	0.89	ug/Kg
79-01-6	Trichloroethene	0.79	U	5.4	0.79	ug/Kg
78-87-5	1,2-Dichloropropane	1.0	U	5.4	1.0	ug/Kg
75-27-4	Bromodichloromethane	0.76	U	5.4	0.76	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.2	U	27	4.2	ug/Kg
108-88-3	Toluene	0.96	U	5.4	0.96	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.91	U	5.4	0.91	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.73	U	5.4	0.73	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.66	U	5.4	0.66	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-5(2-3)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-13**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**9**
Sample Wt/Wol:	**5.1 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027191.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	4.8	U	27	4.8	ug/Kg
124-48-1	Dibromochloromethane	0.72	U	5.4	0.72	ug/Kg
106-93-4	1,2-Dibromoethane	0.89	U	5.4	0.89	ug/Kg
127-18-4	Tetrachloroethene	1.3	U	5.4	1.3	ug/Kg
108-90-7	Chlorobenzene	0.83	U	5.4	0.83	ug/Kg
100-41-4	Ethyl Benzene	0.87	U	5.4	0.87	ug/Kg
126777-61-2	m/p-Xylenes	2.0	U	11	2.0	ug/Kg
95-47-6	o-Xylene	0.83	U	5.4	0.83	ug/Kg
100-42-5	Styrene	0.67	U	5.4	0.67	ug/Kg
75-25-2	Bromoform	0.88	U	5.4	0.88	ug/Kg
98-82-8	Isopropylbenzene	0.89	U	5.4	0.89	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.97	U	5.4	0.97	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.73	U	5.4	0.73	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.84	U	5.4	0.84	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.94	U	5.4	0.94	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	5.4	1.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.72	U	5.4	0.72	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	64.29	129 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	61.38	123 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	54.76	110 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	49.39	99 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	98258	3.22			
540-36-3	1,4-Difluorobenzene	136186	3.61			
3114-55-4	Chlorobenzene-d5	132924	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	64424	8.62			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC5-SB-1(3-3.5)	SDG No.:	Z3664
Lab Sample ID:	Z3664-14	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	6
Sample Wt/Wol:	5.1 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027180.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.0	U	5.2	2.0	ug/Kg
74-87-3	Chloromethane	1.4	U	5.2	1.4	ug/Kg
75-01-4	Vinyl chloride	1.4	U	5.2	1.4	ug/Kg
74-83-9	Bromomethane	2.1	U	5.2	2.1	ug/Kg
75-00-3	Chloroethane	1.9	U	5.2	1.9	ug/Kg
75-69-4	Trichlorofluoromethane	1.2	U	5.2	1.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.8	U	5.2	1.8	ug/Kg
75-35-4	1,1-Dichloroethene	1.0	U	5.2	1.0	ug/Kg
67-64-1	Acetone	18	U	26	18	ug/Kg
75-15-0	Carbon disulfide	1.1	U	5.2	1.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.93	U	5.2	0.93	ug/Kg
79-20-9	Methyl Acetate	1.8	U	5.2	1.8	ug/Kg
75-09-2	Methylene Chloride	2.5	U	5.2	2.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.3	U	5.2	1.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.2	U	5.2	1.2	ug/Kg
110-82-7	Cyclohexane	1.1	U	5.2	1.1	ug/Kg
78-93-3	2-Butanone	5.3	U	26	5.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.62	U	5.2	0.62	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.4	U	5.2	1.4	ug/Kg
67-66-3	Chloroform	0.93	U	5.2	0.93	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.99	U	5.2	0.99	ug/Kg
108-87-2	Methylcyclohexane	0.87	U	5.2	0.87	ug/Kg
71-43-2	Benzene	0.75	U	5.2	0.75	ug/Kg
107-06-2	1,2-Dichloroethane	0.86	U	5.2	0.86	ug/Kg
79-01-6	Trichloroethene	0.76	U	5.2	0.76	ug/Kg
78-87-5	1,2-Dichloropropane	0.98	U	5.2	0.98	ug/Kg
75-27-4	Bromodichloromethane	0.73	U	5.2	0.73	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.0	U	26	4.0	ug/Kg
108-88-3	Toluene	0.92	U	5.2	0.92	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.88	U	5.2	0.88	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.70	U	5.2	0.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.64	U	5.2	0.64	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC5-SB-1(3-3.5)	SDG No.:	Z3664
Lab Sample ID:	Z3664-14	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	6
Sample Wt/Wol:	5.1 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027180.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	4.6	U	26	4.6	ug/Kg
124-48-1	Dibromochloromethane	0.69	U	5.2	0.69	ug/Kg
106-93-4	1,2-Dibromoethane	0.86	U	5.2	0.86	ug/Kg
127-18-4	Tetrachloroethene	1.3	U	5.2	1.3	ug/Kg
108-90-7	Chlorobenzene	0.80	U	5.2	0.80	ug/Kg
100-41-4	Ethyl Benzene	0.84	U	5.2	0.84	ug/Kg
126777-61-2	m/p-Xylenes	1.9	U	10	1.9	ug/Kg
95-47-6	o-Xylene	0.80	U	5.2	0.80	ug/Kg
100-42-5	Styrene	0.65	U	5.2	0.65	ug/Kg
75-25-2	Bromoform	0.85	U	5.2	0.85	ug/Kg
98-82-8	Isopropylbenzene	0.86	U	5.2	0.86	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.93	U	5.2	0.93	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.70	U	5.2	0.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.81	U	5.2	0.81	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.90	U	5.2	0.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	5.2	1.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.69	U	5.2	0.69	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	63.91	128 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	59.3	119 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	53.48	107 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	50.77	102 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	108410	3.23			
540-36-3	1,4-Difluorobenzene	155122	3.61			
3114-55-4	Chlorobenzene-d5	151467	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	76176	8.62			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-2(5.5-6.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-15**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**21**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027192.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.4	U	6.3	2.4	ug/Kg
74-87-3	Chloromethane	1.7	U	6.3	1.7	ug/Kg
75-01-4	Vinyl chloride	1.7	U	6.3	1.7	ug/Kg
74-83-9	Bromomethane	2.6	U	6.3	2.6	ug/Kg
75-00-3	Chloroethane	2.3	U	6.3	2.3	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	6.3	1.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.1	U	6.3	2.1	ug/Kg
75-35-4	1,1-Dichloroethene	1.3	U	6.3	1.3	ug/Kg
67-64-1	Acetone	22	U	32	22	ug/Kg
75-15-0	Carbon disulfide	1.4	U	6.3	1.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.3	1.1	ug/Kg
79-20-9	Methyl Acetate	2.1	U	6.3	2.1	ug/Kg
75-09-2	Methylene Chloride	3.1	U	6.3	3.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.6	U	6.3	1.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	6.3	1.4	ug/Kg
110-82-7	Cyclohexane	1.3	U	6.3	1.3	ug/Kg
78-93-3	2-Butanone	6.4	U	32	6.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.75	U	6.3	0.75	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.6	U	6.3	1.6	ug/Kg
67-66-3	Chloroform	1.1	U	6.3	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.2	U	6.3	1.2	ug/Kg
108-87-2	Methylcyclohexane	1.1	U	6.3	1.1	ug/Kg
71-43-2	Benzene	0.91	U	6.3	0.91	ug/Kg
107-06-2	1,2-Dichloroethane	1.0	U	6.3	1.0	ug/Kg
79-01-6	Trichloroethene	0.92	U	6.3	0.92	ug/Kg
78-87-5	1,2-Dichloropropane	1.2	U	6.3	1.2	ug/Kg
75-27-4	Bromodichloromethane	0.89	U	6.3	0.89	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.8	U	32	4.8	ug/Kg
108-88-3	Toluene	1.1	U	6.3	1.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.1	U	6.3	1.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.85	U	6.3	0.85	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.77	U	6.3	0.77	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-2(5.5-6.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-15**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**21**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027192.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.5	U	32	5.5	ug/Kg
124-48-1	Dibromochloromethane	0.84	U	6.3	0.84	ug/Kg
106-93-4	1,2-Dibromoethane	1.0	U	6.3	1.0	ug/Kg
127-18-4	Tetrachloroethene	1.6	U	6.3	1.6	ug/Kg
108-90-7	Chlorobenzene	0.96	U	6.3	0.96	ug/Kg
100-41-4	Ethyl Benzene	1.0	U	6.3	1.0	ug/Kg
126777-61-2	m/p-Xylenes	2.4	U	13	2.4	ug/Kg
95-47-6	o-Xylene	0.96	U	6.3	0.96	ug/Kg
100-42-5	Styrene	0.78	U	6.3	0.78	ug/Kg
75-25-2	Bromoform	1.0	U	6.3	1.0	ug/Kg
98-82-8	Isopropylbenzene	1.0	U	6.3	1.0	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.3	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.85	U	6.3	0.85	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.97	U	6.3	0.97	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.1	U	6.3	1.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.3	U	6.3	1.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.84	U	6.3	0.84	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	150.13	300 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	135.67	271 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	45.81	92 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	9.24	18 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	38664	3.23			
540-36-3	1,4-Difluorobenzene	54494	3.61			
3114-55-4	Chlorobenzene-d5	22617	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	3165	8.63			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-3(3-4)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-16**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027194.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.4	U	6.1	2.4	ug/Kg
74-87-3	Chloromethane	1.6	U	6.1	1.6	ug/Kg
75-01-4	Vinyl chloride	1.7	U	6.1	1.7	ug/Kg
74-83-9	Bromomethane	2.5	U	6.1	2.5	ug/Kg
75-00-3	Chloroethane	2.3	U	6.1	2.3	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	6.1	1.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.1	U	6.1	2.1	ug/Kg
75-35-4	1,1-Dichloroethene	1.2	U	6.1	1.2	ug/Kg
67-64-1	Acetone	21	U	31	21	ug/Kg
75-15-0	Carbon disulfide	1.3	U	6.1	1.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.1	1.1	ug/Kg
79-20-9	Methyl Acetate	2.1	U	6.1	2.1	ug/Kg
75-09-2	Methylene Chloride	3.0	U	6.1	3.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.5	U	6.1	1.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	6.1	1.4	ug/Kg
110-82-7	Cyclohexane	1.2	U	6.1	1.2	ug/Kg
78-93-3	2-Butanone	6.1	U	31	6.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.72	U	6.1	0.72	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.6	U	6.1	1.6	ug/Kg
67-66-3	Chloroform	1.1	U	6.1	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.2	U	6.1	1.2	ug/Kg
108-87-2	Methylcyclohexane	1.0	U	6.1	1.0	ug/Kg
71-43-2	Benzene	0.88	U	6.1	0.88	ug/Kg
107-06-2	1,2-Dichloroethane	1.0	U	6.1	1.0	ug/Kg
79-01-6	Trichloroethene	0.89	U	6.1	0.89	ug/Kg
78-87-5	1,2-Dichloropropane	1.2	U	6.1	1.2	ug/Kg
75-27-4	Bromodichloromethane	0.86	U	6.1	0.86	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.7	U	31	4.7	ug/Kg
108-88-3	Toluene	1.1	U	6.1	1.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.0	U	6.1	1.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.82	U	6.1	0.82	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.75	U	6.1	0.75	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-3(3-4)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-16**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027194.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.4	U	31	5.4	ug/Kg
124-48-1	Dibromochloromethane	0.81	U	6.1	0.81	ug/Kg
106-93-4	1,2-Dibromoethane	1.0	U	6.1	1.0	ug/Kg
127-18-4	Tetrachloroethene	1.5	U	6.1	1.5	ug/Kg
108-90-7	Chlorobenzene	0.93	U	6.1	0.93	ug/Kg
100-41-4	Ethyl Benzene	0.98	U	6.1	0.98	ug/Kg
126777-61-2	m/p-Xylenes	2.3	U	12	2.3	ug/Kg
95-47-6	o-Xylene	0.93	U	6.1	0.93	ug/Kg
100-42-5	Styrene	0.76	U	6.1	0.76	ug/Kg
75-25-2	Bromoform	0.99	U	6.1	0.99	ug/Kg
98-82-8	Isopropylbenzene	1.0	U	6.1	1.0	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.1	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.82	U	6.1	0.82	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.94	U	6.1	0.94	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.1	U	6.1	1.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	6.1	1.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.81	U	6.1	0.81	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.96	126 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	70.48	141 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	51.58	103 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	20.54	41 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	83992	3.23			
540-36-3	1,4-Difluorobenzene	109013	3.61			
3114-55-4	Chlorobenzene-d5	68872	6.32			
3855-82-1	1,4-Dichlorobenzene-d4	14255	8.63			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-3(3-4)RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-16RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020661.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.4	U	6.1	2.4	ug/Kg
74-87-3	Chloromethane	1.6	U	6.1	1.6	ug/Kg
75-01-4	Vinyl chloride	1.7	U	6.1	1.7	ug/Kg
74-83-9	Bromomethane	2.5	U	6.1	2.5	ug/Kg
75-00-3	Chloroethane	2.3	U	6.1	2.3	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	6.1	1.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.1	U	6.1	2.1	ug/Kg
75-35-4	1,1-Dichloroethene	1.2	U	6.1	1.2	ug/Kg
67-64-1	Acetone	21	U	31	21	ug/Kg
75-15-0	Carbon disulfide	1.3	U	6.1	1.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.1	1.1	ug/Kg
79-20-9	Methyl Acetate	2.1	U	6.1	2.1	ug/Kg
75-09-2	Methylene Chloride	3.0	U	6.1	3.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.5	U	6.1	1.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	6.1	1.4	ug/Kg
110-82-7	Cyclohexane	1.2	U	6.1	1.2	ug/Kg
78-93-3	2-Butanone	6.1	U	31	6.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.72	U	6.1	0.72	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.6	U	6.1	1.6	ug/Kg
67-66-3	Chloroform	1.1	U	6.1	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.2	U	6.1	1.2	ug/Kg
108-87-2	Methylcyclohexane	1.0	U	6.1	1.0	ug/Kg
71-43-2	Benzene	0.88	U	6.1	0.88	ug/Kg
107-06-2	1,2-Dichloroethane	1.0	U	6.1	1.0	ug/Kg
79-01-6	Trichloroethene	0.89	U	6.1	0.89	ug/Kg
78-87-5	1,2-Dichloropropane	1.2	U	6.1	1.2	ug/Kg
75-27-4	Bromodichloromethane	0.86	U	6.1	0.86	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.7	U	31	4.7	ug/Kg
108-88-3	Toluene	1.1	U	6.1	1.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.0	U	6.1	1.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.82	U	6.1	0.82	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.75	U	6.1	0.75	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-3(3-4)RE**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-16RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI020661.D	1	7/22/2008	VI071508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.4	U	31	5.4	ug/Kg
124-48-1	Dibromochloromethane	0.81	U	6.1	0.81	ug/Kg
106-93-4	1,2-Dibromoethane	1.0	U	6.1	1.0	ug/Kg
127-18-4	Tetrachloroethene	1.5	U	6.1	1.5	ug/Kg
108-90-7	Chlorobenzene	0.93	U	6.1	0.93	ug/Kg
100-41-4	Ethyl Benzene	0.98	U	6.1	0.98	ug/Kg
126777-61-2	m/p-Xylenes	2.3	U	12	2.3	ug/Kg
95-47-6	o-Xylene	0.93	U	6.1	0.93	ug/Kg
100-42-5	Styrene	0.76	U	6.1	0.76	ug/Kg
75-25-2	Bromoform	0.99	U	6.1	0.99	ug/Kg
98-82-8	Isopropylbenzene	1.0	U	6.1	1.0	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.1	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.82	U	6.1	0.82	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.94	U	6.1	0.94	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.1	U	6.1	1.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	6.1	1.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.81	U	6.1	0.81	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.52	115 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	65.99	132 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	48.87	98 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	21.96	44 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	251507	8.22			
540-36-3	1,4-Difluorobenzene	402266	8.81			
3114-55-4	Chlorobenzene-d5	275722	11.71			
3855-82-1	1,4-Dichlorobenzene-d4	47848	14.03			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-2(5.5-6.5)DUP**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-24**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**21**
Sample Wt/Wol:	**5.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027193.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.4	U	6.3	2.4	ug/Kg
74-87-3	Chloromethane	1.7	U	6.3	1.7	ug/Kg
75-01-4	Vinyl chloride	1.7	U	6.3	1.7	ug/Kg
74-83-9	Bromomethane	2.6	U	6.3	2.6	ug/Kg
75-00-3	Chloroethane	2.3	U	6.3	2.3	ug/Kg
75-69-4	Trichlorofluoromethane	1.5	U	6.3	1.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.1	U	6.3	2.1	ug/Kg
75-35-4	1,1-Dichloroethene	1.3	U	6.3	1.3	ug/Kg
67-64-1	Acetone	21	U	32	21	ug/Kg
75-15-0	Carbon disulfide	1.4	U	6.3	1.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.1	U	6.3	1.1	ug/Kg
79-20-9	Methyl Acetate	2.1	U	6.3	2.1	ug/Kg
75-09-2	Methylene Chloride	3.1	U	6.3	3.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.6	U	6.3	1.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	6.3	1.4	ug/Kg
110-82-7	Cyclohexane	1.3	U	6.3	1.3	ug/Kg
78-93-3	2-Butanone	6.3	U	32	6.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.74	U	6.3	0.74	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.6	U	6.3	1.6	ug/Kg
67-66-3	Chloroform	1.1	U	6.3	1.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.2	U	6.3	1.2	ug/Kg
108-87-2	Methylcyclohexane	1.0	U	6.3	1.0	ug/Kg
71-43-2	Benzene	0.91	U	6.3	0.91	ug/Kg
107-06-2	1,2-Dichloroethane	1.0	U	6.3	1.0	ug/Kg
79-01-6	Trichloroethene	0.92	U	6.3	0.92	ug/Kg
78-87-5	1,2-Dichloropropane	1.2	U	6.3	1.2	ug/Kg
75-27-4	Bromodichloromethane	0.88	U	6.3	0.88	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.8	U	32	4.8	ug/Kg
108-88-3	Toluene	1.1	U	6.3	1.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.1	U	6.3	1.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.84	U	6.3	0.84	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.77	U	6.3	0.77	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	REC5-SB-2(5.5-6.5)DUP	SDG No.:	Z3664
Lab Sample ID:	Z3664-24	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	21
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK027193.D	1	7/18/2008	VK071708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	5.5	U	32	5.5	ug/Kg
124-48-1	Dibromochloromethane	0.83	U	6.3	0.83	ug/Kg
106-93-4	1,2-Dibromoethane	1.0	U	6.3	1.0	ug/Kg
127-18-4	Tetrachloroethene	1.6	U	6.3	1.6	ug/Kg
108-90-7	Chlorobenzene	0.96	U	6.3	0.96	ug/Kg
100-41-4	Ethyl Benzene	1.0	U	6.3	1.0	ug/Kg
126777-61-2	m/p-Xylenes	2.3	U	13	2.3	ug/Kg
95-47-6	o-Xylene	0.96	U	6.3	0.96	ug/Kg
100-42-5	Styrene	0.78	U	6.3	0.78	ug/Kg
75-25-2	Bromoform	1.0	U	6.3	1.0	ug/Kg
98-82-8	Isopropylbenzene	1.0	U	6.3	1.0	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	6.3	1.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.84	U	6.3	0.84	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.97	U	6.3	0.97	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.1	U	6.3	1.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.3	U	6.3	1.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.83	U	6.3	0.83	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	199.65	399 %	54 - 142		SPK: 50
1868-53-7	Dibromofluoromethane	215.54	431 %	54 - 141		SPK: 50
2037-26-5	Toluene-d8	44.95	90 %	63 - 124		SPK: 50
460-00-4	4-Bromofluorobenzene	5.64	11 %	50 - 133		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	22767	3.22			
540-36-3	1,4-Difluorobenzene	27352	3.61			
3114-55-4	Chlorobenzene-d5	8355	6.31			
3855-82-1	1,4-Dichlorobenzene-d4	906	8.63			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**TRIPBLANK**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-25**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013061.D	1	7/18/2008	VF071008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	Date Collected:	7/11/2008
Project:	Taylor Site Pottstown	Date Received:	7/12/2008
Client Sample ID:	TRIPBLANK	SDG No.:	Z3664
Lab Sample ID:	Z3664-25	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Wol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013061.D	1	7/18/2008	VF071008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.19	108 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	49.79	100 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	51.23	102 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	46.23	92 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	601270	9.69			
540-36-3	1,4-Difluorobenzene	1209414	10.32			
3114-55-4	Chlorobenzene-d5	1053869	13.40			
3855-82-1	1,4-Dichlorobenzene-d4	336600	15.88			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Summary Sheet
SW-846

SDG No.: Z3664 | Order ID: Z3664

Client: Malcolm Pirnie | Project ID: MALC09

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-BASE1**							
Z3664-01	REC2-BASE1	SOIL	Acetone	63		32	22	ug/Kg
			Total VOC's:	63.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	63.00				
Client ID:	**REC2-BASE1RE**							
Z3664-01RE	REC2-BASE1RE	SOIL	Acetone	79		32	21	ug/Kg
			Total VOC's:	79.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	79.00				
Client ID:	**REC2-BASE2**							
Z3664-02	REC2-BASE2	SOIL	Acetone	180		41	28	ug/Kg
Z3664-02	REC2-BASE2	SOIL	Toluene	8.2	J	8.2	1.5	ug/Kg
Z3664-02	REC2-BASE2	SOIL	Hexanal	* 55	J	0	0	ug/Kg
Z3664-02	REC2-BASE2	SOIL	Benzene, 2-ethyl-1,4-dimethyl	* 82	J	0	0	ug/Kg
Z3664-02	REC2-BASE2	SOIL	Benzene, 1-ethyl-2,4-dimethyl	* 73	J	0	0	ug/Kg
Z3664-02	REC2-BASE2	SOIL	Benzene, 1,2,3,4-tetramethyl-	* 110	J	0	0	ug/Kg
Z3664-02	REC2-BASE2	SOIL	Tetradecane	* 83	J	0	0	ug/Kg
Z3664-02	REC2-BASE2	SOIL	1H-Indene, 2,3-dihydro-4-met	* 150	J	0	0	ug/Kg
Z3664-02	REC2-BASE2	SOIL	Benzene, 1-ethyl-4-(1-methyle	* 120	J	0	0	ug/Kg
			Total VOC's:	188.20				
			Total TIC's:	673.00				
			Total VOC's and TIC's:	861.20				
Client ID:	**REC2-BASE2RE**							
Z3664-02RE	REC2-BASE2RE	SOIL	Acetone	150		41	28	ug/Kg
Z3664-02RE	REC2-BASE2RE	SOIL	Toluene	8.8		8.2	1.4	ug/Kg
			Total VOC's:	158.80				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	158.80				
Client ID:	**REC2-BASE3**							
Z3664-03	REC2-BASE3	SOIL	Chloroform	4.2	J	6.0	1.1	ug/Kg
			Total VOC's:	4.20				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	4.20				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Summary Sheet
SW-846

SDG No.: Z3664 | Order ID: Z3664

Client: Malcolm Pirnie | Project ID: MALC09

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-BASE3RE**							
Z3664-03RE	REC2-BASE3RE	SOIL	Chloroform	7.7		5.9	1.1	ug/Kg
			Total VOC's:	7.70				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	7.70				
Client ID:	**REC2-BASE4**							
Z3664-04	REC2-BASE4	SOIL	Acetone	53		30	21	ug/Kg
			Total VOC's:	53.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	53.00				
Client ID:	**REC2-BASE4RE**							
Z3664-04RE	REC2-BASE4RE	SOIL	Acetone	73		30	21	ug/Kg
			Total VOC's:	73.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	73.00				
Client ID:	**REC2-BASE5**							
Z3664-05	REC2-BASE5	SOIL	Acetone	46		30	20	ug/Kg
Z3664-05	REC2-BASE5	SOIL	Chloroform	10		5.9	1.1	ug/Kg
			Total VOC's:	56.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	56.00				
Client ID:	**REC2-BASE5RE**							
Z3664-05RE	REC2-BASE5RE	SOIL	Acetone	110		30	20	ug/Kg
Z3664-05RE	REC2-BASE5RE	SOIL	Chloroform	24		6.0	1.1	ug/Kg
			Total VOC's:	134.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	134.00				
Client ID:	**REC2-BASE6**							
Z3664-06	REC2-BASE6	SOIL	Acetone	42		30	20	ug/Kg
Z3664-06	REC2-BASE6	SOIL	Chloroform	3.0	J	6.0	1.1	ug/Kg
			Total VOC's:	45.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	45.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Summary Sheet
SW-846

SDG No.: Z3664 | Order ID: Z3664

Client: Malcolm Pirnie | Project ID: MALC09

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-BASE6RE**							
Z3664-06RE	REC2-BASE6RE	SOIL	Acetone	32		30	20	ug/Kg
Z3664-06RE	REC2-BASE6RE	SOIL	Chloroform	2.5	J	6.0	1.1	ug/Kg
			Total VOC's:	34.50				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	34.50				
Client ID:	**REC2-SB-1(0-1)**							
Z3664-09	REC2-SB-1(0-1)	SOIL	Methylene Chloride	2.9	J	5.2	2.5	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Toluene	100		5.2	0.92	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Ethyl Benzene	7.2		5.2	0.84	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	m/p-Xylenes	54		10	2.0	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	o-Xylene	20		5.2	0.80	ug/Kg
			Total VOC's:	184.10				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	184.10				
Client ID:	**REC2-SB-1(0-1)RE**							
Z3664-09RE	REC2-SB-1(0-1)RE	SOIL	Acetone	27		26	18	ug/Kg
Z3664-09RE	REC2-SB-1(0-1)RE	SOIL	Methylene Chloride	3.0	J	5.3	2.6	ug/Kg
Z3664-09RE	REC2-SB-1(0-1)RE	SOIL	Toluene	71		5.3	0.93	ug/Kg
Z3664-09RE	REC2-SB-1(0-1)RE	SOIL	Ethyl Benzene	5.8		5.3	0.84	ug/Kg
Z3664-09RE	REC2-SB-1(0-1)RE	SOIL	m/p-Xylenes	36		11	2.0	ug/Kg
Z3664-09RE	REC2-SB-1(0-1)RE	SOIL	o-Xylene	15		5.3	0.80	ug/Kg
			Total VOC's:	157.80				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	157.80				
Client ID:	**REC2-SB-2(1-2)**							
Z3664-10	REC2-SB-2(1-2)	SOIL	Acetone	70		27	18	ug/Kg
			Total VOC's:	70.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	70.00				
Client ID:	**REC2-SB-3(1-2)**							
Z3664-11	REC2-SB-3(1-2)	SOIL	Acetone	27		26	18	ug/Kg
Z3664-11	REC2-SB-3(1-2)	SOIL	Methyl Acetate	29		5.3	1.8	ug/Kg
Z3664-11	REC2-SB-3(1-2)	SOIL	Methylene Chloride	2.6	J	5.3	2.6	ug/Kg
			Total VOC's:	58.60				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	58.60				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Summary Sheet
SW-846

SDG No.: Z3664 | Order ID: Z3664

Client: Malcolm Pirnie | Project ID: MALC09

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-SB-4(0.5-1.5)**							
Z3664-12	REC2-SB-4(0.5-1.5)	SOIL	Acetone	160		26	18	ug/Kg
Z3664-12	REC2-SB-4(0.5-1.5)	SOIL	Methyl Acetate	130		5.3	1.8	ug/Kg
Z3664-12	REC2-SB-4(0.5-1.5)	SOIL	Hexanal	* 34	J	0	0	ug/Kg
			Total VOC's:	290.00				
			Total TIC's:	34.00				
			Total VOC's and TIC's:	324.00				
Client ID:	**REC2-SB-4(0.5-1.5)RE**							
Z3664-12RE	REC2-SB-4(0.5-1.5)R	SOIL	Acetone	140		26	18	ug/Kg
Z3664-12RE	REC2-SB-4(0.5-1.5)R	SOIL	Methyl Acetate	64		5.3	1.8	ug/Kg
			Total VOC's:	204.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	204.00				
Client ID:	**REC2-TRENCH1**							
Z3664-07	REC2-TRENCH1	SOIL	Acetone	97		35	24	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Benzene	12		7.0	1.0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Toluene	5.9	J	7.0	1.2	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Ethyl Benzene	1.7	J	7.0	1.1	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	m/p-Xylenes	4.9	J	14	2.6	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	o-Xylene	2.6	J	7.0	1.1	ug/Kg
			Total VOC's:	124.10				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	124.10				
Client ID:	**REC2-TRENCH1RE**							
Z3664-07RE	REC2-TRENCH1RE	SOIL	Acetone	160		35	24	ug/Kg
Z3664-07RE	REC2-TRENCH1RE	SOIL	Benzene	7.5		7.0	1.0	ug/Kg
Z3664-07RE	REC2-TRENCH1RE	SOIL	Toluene	5.3	J	7.0	1.2	ug/Kg
Z3664-07RE	REC2-TRENCH1RE	SOIL	Ethyl Benzene	1.5	J	7.0	1.1	ug/Kg
Z3664-07RE	REC2-TRENCH1RE	SOIL	m/p-Xylenes	5.0	J	14	2.6	ug/Kg
Z3664-07RE	REC2-TRENCH1RE	SOIL	o-Xylene	2.7	J	7.0	1.1	ug/Kg
			Total VOC's:	182.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	182.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Summary Sheet
SW-846

SDG No.: Z3664 | Order ID: Z3664

Client: Malcolm Pirnie | Project ID: MALC09

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-TRENCH2**							
Z3664-08	REC2-TRENCH2	SOIL	Acetone	140		40	28	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	2-Butanone	9.7	J	40	8.1	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Benzene	42		8.1	1.2	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Toluene	11		8.1	1.4	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Ethyl Benzene	3.5	J	8.1	1.3	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	m/p-Xylenes	9.4	J	16	3.0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	o-Xylene	4.6	J	8.1	1.2	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Isopropylbenzene	3.3	J	8.1	1.3	ug/Kg
			Total VOC's:	223.50				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	223.50				
Client ID:	**REC2-TRENCH2RE**							
Z3664-08RE	REC2-TRENCH2RE	SOIL	Acetone	310		40	27	ug/Kg
Z3664-08RE	REC2-TRENCH2RE	SOIL	2-Butanone	32	J	40	8.1	ug/Kg
Z3664-08RE	REC2-TRENCH2RE	SOIL	Benzene	95		8.1	1.2	ug/Kg
Z3664-08RE	REC2-TRENCH2RE	SOIL	Toluene	30		8.1	1.4	ug/Kg
Z3664-08RE	REC2-TRENCH2RE	SOIL	Tetrachloroethene	5.2	J	8.1	2.0	ug/Kg
Z3664-08RE	REC2-TRENCH2RE	SOIL	Ethyl Benzene	9.5		8.1	1.3	ug/Kg
Z3664-08RE	REC2-TRENCH2RE	SOIL	m/p-Xylenes	21		16	3.0	ug/Kg
Z3664-08RE	REC2-TRENCH2RE	SOIL	o-Xylene	12		8.1	1.2	ug/Kg
Z3664-08RE	REC2-TRENCH2RE	SOIL	Isopropylbenzene	6.8	J	8.1	1.3	ug/Kg
			Total VOC's:	521.50				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	521.50				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-01**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**21**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021425.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	14	U	420	14	ug/Kg
108-95-2	Phenol	12	U	420	12	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5.5	U	420	5.5	ug/Kg
95-57-8	2-Chlorophenol	11	U	420	11	ug/Kg
95-48-7	2-Methylphenol	11	U	420	11	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	17	U	420	17	ug/Kg
98-86-2	Acetophenone	12	U	420	12	ug/Kg
106-44-5	3+4-Methylphenols	13	U	420	13	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	15	U	420	15	ug/Kg
67-72-1	Hexachloroethane	14	U	420	14	ug/Kg
98-95-3	Nitrobenzene	9.8	U	420	9.8	ug/Kg
78-59-1	Isophorone	14	U	420	14	ug/Kg
88-75-5	2-Nitrophenol	15	U	420	15	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	420	12	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	9.6	U	420	9.6	ug/Kg
120-83-2	2,4-Dichlorophenol	9.9	U	420	9.9	ug/Kg
91-20-3	Naphthalene	10	U	420	10	ug/Kg
106-47-8	4-Chloroaniline	28	U	420	28	ug/Kg
87-68-3	Hexachlorobutadiene	17	U	420	17	ug/Kg
105-60-2	Caprolactam	50	U	420	50	ug/Kg
59-50-7	4-Chloro-3-methylphenol	12	U	420	12	ug/Kg
91-57-6	2-Methylnaphthalene	12	U	420	12	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	420	21	ug/Kg
88-06-2	2,4,6-Trichlorophenol	9.7	U	420	9.7	ug/Kg
95-95-4	2,4,5-Trichlorophenol	12	U	1000	12	ug/Kg
92-52-4	1,1-Biphenyl	12	U	420	12	ug/Kg
91-58-7	2-Chloronaphthalene	10	U	420	10	ug/Kg
88-74-4	2-Nitroaniline	20	U	1000	20	ug/Kg
131-11-3	Dimethylphthalate	12	U	420	12	ug/Kg
208-96-8	Acenaphthylene	6.1	U	420	6.1	ug/Kg
606-20-2	2,6-Dinitrotoluene	15	U	420	15	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-01**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**21**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021425.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	28	U	1000	28	ug/Kg
83-32-9	Acenaphthene	9.0	U	420	9.0	ug/Kg
51-28-5	2,4-Dinitrophenol	22	U	1000	22	ug/Kg
100-02-7	4-Nitrophenol	25	U	1000	25	ug/Kg
132-64-9	Dibenzofuran	13	U	420	13	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	420	14	ug/Kg
84-66-2	Diethylphthalate	14	U	420	14	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	16	U	420	16	ug/Kg
86-73-7	Fluorene	11	U	420	11	ug/Kg
100-01-6	4-Nitroaniline	33	U	1000	33	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	57	U	1000	57	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	420	31	ug/Kg
101-55-3	4-Bromophenyl-phenylether	19	U	420	19	ug/Kg
118-74-1	Hexachlorobenzene	13	U	420	13	ug/Kg
1912-24-9	Atrazine	30	U	420	30	ug/Kg
87-86-5	Pentachlorophenol	47	U	1000	47	ug/Kg
85-01-8	Phenanthrene	13	U	420	13	ug/Kg
120-12-7	Anthracene	14	U	420	14	ug/Kg
86-74-8	Carbazole	32	U	420	32	ug/Kg
84-74-2	Di-n-butylphthalate	20	U	420	20	ug/Kg
206-44-0	Fluoranthene	10	U	420	10	ug/Kg
129-00-0	Pyrene	9.1	U	420	9.1	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	420	26	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	420	32	ug/Kg
56-55-3	Benzo(a)anthracene	10	U	420	10	ug/Kg
218-01-9	Chrysene	7.8	U	420	7.8	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	16	U	420	16	ug/Kg
117-84-0	Di-n-octyl phthalate	15	U	420	15	ug/Kg
205-99-2	Benzo(b)fluoranthene	30	U	420	30	ug/Kg
207-08-9	Benzo(k)fluoranthene	19	U	420	19	ug/Kg
50-32-8	Benzo(a)pyrene	12	U	420	12	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-01**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**21**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021425.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	11	U	420	11	ug/Kg
53-70-3	Dibenz(a,h)anthracene	31	U	420	31	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	420	30	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	56.94	38 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	71.38	48 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	53.38	53 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	58.16	58 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	70.37	47 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	46.09	46 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	222724	4.52			
1146-65-2	Naphthalene-d8	872624	5.70			
15067-26-2	Acenaphthene-d10	482552	7.41			
1517-22-2	Phenanthrene-d10	819439	8.89			
1719-03-5	Chrysene-d12	927160	11.51			
1520-96-3	Perylene-d12	835195	13.38			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	1200	A	3.14		ug/Kg
74685-30-6	5-Eicosene, (E)-	480	JB	11.36		ug/Kg
	unknown15.11	140	J	15.11		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-02**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**39**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021431.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	18	U	540	18	ug/Kg
108-95-2	Phenol	15	U	540	15	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	7.1	U	540	7.1	ug/Kg
95-57-8	2-Chlorophenol	15	U	540	15	ug/Kg
95-48-7	2-Methylphenol	14	U	540	14	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	22	U	540	22	ug/Kg
98-86-2	Acetophenone	16	U	540	16	ug/Kg
106-44-5	3+4-Methylphenols	16	U	540	16	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	20	U	540	20	ug/Kg
67-72-1	Hexachloroethane	18	U	540	18	ug/Kg
98-95-3	Nitrobenzene	13	U	540	13	ug/Kg
78-59-1	Isophorone	18	U	540	18	ug/Kg
88-75-5	2-Nitrophenol	20	U	540	20	ug/Kg
105-67-9	2,4-Dimethylphenol	16	U	540	16	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	12	U	540	12	ug/Kg
120-83-2	2,4-Dichlorophenol	13	U	540	13	ug/Kg
91-20-3	Naphthalene	13	U	540	13	ug/Kg
106-47-8	4-Chloroaniline	36	U	540	36	ug/Kg
87-68-3	Hexachlorobutadiene	22	U	540	22	ug/Kg
105-60-2	Caprolactam	65	U	540	65	ug/Kg
59-50-7	4-Chloro-3-methylphenol	16	U	540	16	ug/Kg
91-57-6	2-Methylnaphthalene	15	U	540	15	ug/Kg
77-47-4	Hexachlorocyclopentadiene	28	U	540	28	ug/Kg
88-06-2	2,4,6-Trichlorophenol	13	U	540	13	ug/Kg
95-95-4	2,4,5-Trichlorophenol	16	U	1400	16	ug/Kg
92-52-4	1,1-Biphenyl	16	U	540	16	ug/Kg
91-58-7	2-Chloronaphthalene	13	U	540	13	ug/Kg
88-74-4	2-Nitroaniline	25	U	1400	25	ug/Kg
131-11-3	Dimethylphthalate	16	U	540	16	ug/Kg
208-96-8	Acenaphthylene	7.9	U	540	7.9	ug/Kg
606-20-2	2,6-Dinitrotoluene	19	U	540	19	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-02**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**39**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021431.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	36	U	1400	36	ug/Kg
83-32-9	Acenaphthene	12	U	540	12	ug/Kg
51-28-5	2,4-Dinitrophenol	29	U	1400	29	ug/Kg
100-02-7	4-Nitrophenol	32	U	1400	32	ug/Kg
132-64-9	Dibenzofuran	17	U	540	17	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	540	18	ug/Kg
84-66-2	Diethylphthalate	18	U	540	18	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	540	21	ug/Kg
86-73-7	Fluorene	15	U	540	15	ug/Kg
100-01-6	4-Nitroaniline	43	U	1400	43	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	1400	73	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	540	41	ug/Kg
101-55-3	4-Bromophenyl-phenylether	25	U	540	25	ug/Kg
118-74-1	Hexachlorobenzene	16	U	540	16	ug/Kg
1912-24-9	Atrazine	38	U	540	38	ug/Kg
87-86-5	Pentachlorophenol	61	U	1400	61	ug/Kg
85-01-8	Phenanthrene	17	U	540	17	ug/Kg
120-12-7	Anthracene	18	U	540	18	ug/Kg
86-74-8	Carbazole	41	U	540	41	ug/Kg
84-74-2	Di-n-butylphthalate	25	U	540	25	ug/Kg
206-44-0	Fluoranthene	13	U	540	13	ug/Kg
129-00-0	Pyrene	12	U	540	12	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	540	34	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	540	41	ug/Kg
56-55-3	Benzo(a)anthracene	13	U	540	13	ug/Kg
218-01-9	Chrysene	10	U	540	10	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	21	U	540	21	ug/Kg
117-84-0	Di-n-octyl phthalate	19	U	540	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	540	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	25	U	540	25	ug/Kg
50-32-8	Benzo(a)pyrene	16	U	540	16	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-02**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**39**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021431.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	540	14	ug/Kg
53-70-3	Dibenz(a,h)anthracene	40	U	540	40	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	540	39	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	103.5	69 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	116.55	78 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	76.09	76 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	71.6	72 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	89.85	60 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	57.51	58 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	253044	4.52			
1146-65-2	Naphthalene-d8	981053	5.70			
15067-26-2	Acenaphthene-d10	531780	7.42			
1517-22-2	Phenanthrene-d10	881712	8.89			
1719-03-5	Chrysene-d12	991631	11.52			
1520-96-3	Perylene-d12	900498	13.40			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	820	A	3.14		ug/Kg
143-07-7	Dodecanoic acid	110	J	7.62		ug/Kg
57-10-3	n-Hexadecanoic acid	310	J	9.42		ug/Kg
3452-07-1	1-Eicosene	290	J	11.37		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE3**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-03**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**16**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021422.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	13	U	390	13	ug/Kg
108-95-2	Phenol	11	U	390	11	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5.1	U	390	5.1	ug/Kg
95-57-8	2-Chlorophenol	11	U	390	11	ug/Kg
95-48-7	2-Methylphenol	10	U	390	10	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	16	U	390	16	ug/Kg
98-86-2	Acetophenone	12	U	390	12	ug/Kg
106-44-5	3+4-Methylphenols	12	U	390	12	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	14	U	390	14	ug/Kg
67-72-1	Hexachloroethane	13	U	390	13	ug/Kg
98-95-3	Nitrobenzene	9.2	U	390	9.2	ug/Kg
78-59-1	Isophorone	13	U	390	13	ug/Kg
88-75-5	2-Nitrophenol	14	U	390	14	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	390	12	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	9.0	U	390	9.0	ug/Kg
120-83-2	2,4-Dichlorophenol	9.3	U	390	9.3	ug/Kg
91-20-3	Naphthalene	9.5	U	390	9.5	ug/Kg
106-47-8	4-Chloroaniline	26	U	390	26	ug/Kg
87-68-3	Hexachlorobutadiene	16	U	390	16	ug/Kg
105-60-2	Caprolactam	200	J	390	47	ug/Kg
59-50-7	4-Chloro-3-methylphenol	12	U	390	12	ug/Kg
91-57-6	2-Methylnaphthalene	11	U	390	11	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	390	20	ug/Kg
88-06-2	2,4,6-Trichlorophenol	9.1	U	390	9.1	ug/Kg
95-95-4	2,4,5-Trichlorophenol	12	U	990	12	ug/Kg
92-52-4	1,1-Biphenyl	12	U	390	12	ug/Kg
91-58-7	2-Chloronaphthalene	9.5	U	390	9.5	ug/Kg
88-74-4	2-Nitroaniline	18	U	990	18	ug/Kg
131-11-3	Dimethylphthalate	11	U	390	11	ug/Kg
208-96-8	Acenaphthylene	5.8	U	390	5.8	ug/Kg
606-20-2	2,6-Dinitrotoluene	14	U	390	14	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE3**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-03**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**16**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021422.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	26	U	990	26	ug/Kg
83-32-9	Acenaphthene	8.5	U	390	8.5	ug/Kg
51-28-5	2,4-Dinitrophenol	21	U	990	21	ug/Kg
100-02-7	4-Nitrophenol	23	U	990	23	ug/Kg
132-64-9	Dibenzofuran	12	U	390	12	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	390	13	ug/Kg
84-66-2	Diethylphthalate	13	U	390	13	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	15	U	390	15	ug/Kg
86-73-7	Fluorene	11	U	390	11	ug/Kg
100-01-6	4-Nitroaniline	31	U	990	31	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	53	U	990	53	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	390	30	ug/Kg
101-55-3	4-Bromophenyl-phenylether	18	U	390	18	ug/Kg
118-74-1	Hexachlorobenzene	12	U	390	12	ug/Kg
1912-24-9	Atrazine	28	U	390	28	ug/Kg
87-86-5	Pentachlorophenol	45	U	990	45	ug/Kg
85-01-8	Phenanthrene	12	U	390	12	ug/Kg
120-12-7	Anthracene	13	U	390	13	ug/Kg
86-74-8	Carbazole	30	U	390	30	ug/Kg
84-74-2	Di-n-butylphthalate	18	U	390	18	ug/Kg
206-44-0	Fluoranthene	9.5	U	390	9.5	ug/Kg
129-00-0	Pyrene	8.6	U	390	8.6	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	390	25	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	390	30	ug/Kg
56-55-3	Benzo(a)anthracene	9.5	U	390	9.5	ug/Kg
218-01-9	Chrysene	7.3	U	390	7.3	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	15	U	390	15	ug/Kg
117-84-0	Di-n-octyl phthalate	14	U	390	14	ug/Kg
205-99-2	Benzo(b)fluoranthene	28	U	390	28	ug/Kg
207-08-9	Benzo(k)fluoranthene	18	U	390	18	ug/Kg
50-32-8	Benzo(a)pyrene	12	U	390	12	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE3**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-03**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**16**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021422.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	390	10	ug/Kg
53-70-3	Dibenz(a,h)anthracene	29	U	390	29	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	390	28	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	105.23	70 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	113.69	76 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	73.34	73 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	77.58	78 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	107.99	72 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	65.77	66 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	247802	4.52			
1146-65-2	Naphthalene-d8	967605	5.70			
15067-26-2	Acenaphthene-d10	531527	7.42			
1517-22-2	Phenanthrene-d10	906649	8.89			
1719-03-5	Chrysene-d12	1022401	11.51			
1520-96-3	Perylene-d12	923980	13.38			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	820	A	3.14		ug/Kg
77899-03-7	1-Heneicosyl formate	320	J	11.36		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE4**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-04**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**17**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021432.D	2	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	27	U	790	27	ug/Kg
108-95-2	Phenol	22	U	790	22	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	10	U	790	10	ug/Kg
95-57-8	2-Chlorophenol	22	U	790	22	ug/Kg
95-48-7	2-Methylphenol	21	U	790	21	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	790	33	ug/Kg
98-86-2	Acetophenone	24	U	790	24	ug/Kg
106-44-5	3+4-Methylphenols	24	U	790	24	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	790	29	ug/Kg
67-72-1	Hexachloroethane	26	U	790	26	ug/Kg
98-95-3	Nitrobenzene	19	U	790	19	ug/Kg
78-59-1	Isophorone	26	U	790	26	ug/Kg
88-75-5	2-Nitrophenol	29	U	790	29	ug/Kg
105-67-9	2,4-Dimethylphenol	24	U	790	24	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	18	U	790	18	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	790	19	ug/Kg
91-20-3	Naphthalene	19	U	790	19	ug/Kg
106-47-8	4-Chloroaniline	52	U	790	52	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	790	32	ug/Kg
105-60-2	Caprolactam	95	U	790	95	ug/Kg
59-50-7	4-Chloro-3-methylphenol	23	U	790	23	ug/Kg
91-57-6	2-Methylnaphthalene	22	U	790	22	ug/Kg
77-47-4	Hexachlorocyclopentadiene	41	U	790	41	ug/Kg
88-06-2	2,4,6-Trichlorophenol	18	U	790	18	ug/Kg
95-95-4	2,4,5-Trichlorophenol	24	U	2000	24	ug/Kg
92-52-4	1,1-Biphenyl	24	U	790	24	ug/Kg
91-58-7	2-Chloronaphthalene	19	U	790	19	ug/Kg
88-74-4	2-Nitroaniline	37	U	2000	37	ug/Kg
131-11-3	Dimethylphthalate	23	U	790	23	ug/Kg
208-96-8	Acenaphthylene	12	U	790	12	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	790	28	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE4**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-04**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**17**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021432.D	2	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	53	U	2000	53	ug/Kg
83-32-9	Acenaphthene	17	U	790	17	ug/Kg
51-28-5	2,4-Dinitrophenol	42	U	2000	42	ug/Kg
100-02-7	4-Nitrophenol	47	U	2000	47	ug/Kg
132-64-9	Dibenzofuran	25	U	790	25	ug/Kg
121-14-2	2,4-Dinitrotoluene	26	U	790	26	ug/Kg
84-66-2	Diethylphthalate	27	U	790	27	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	790	30	ug/Kg
86-73-7	Fluorene	21	U	790	21	ug/Kg
100-01-6	4-Nitroaniline	63	U	2000	63	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	2000	110	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	790	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	790	36	ug/Kg
118-74-1	Hexachlorobenzene	24	U	790	24	ug/Kg
1912-24-9	Atrazine	56	U	790	56	ug/Kg
87-86-5	Pentachlorophenol	90	U	2000	90	ug/Kg
85-01-8	Phenanthrene	25	U	790	25	ug/Kg
120-12-7	Anthracene	27	U	790	27	ug/Kg
86-74-8	Carbazole	61	U	790	61	ug/Kg
84-74-2	Di-n-butylphthalate	37	U	790	37	ug/Kg
206-44-0	Fluoranthene	19	U	790	19	ug/Kg
129-00-0	Pyrene	17	U	790	17	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	790	50	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	790	60	ug/Kg
56-55-3	Benzo(a)anthracene	19	U	790	19	ug/Kg
218-01-9	Chrysene	15	U	790	15	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	30	U	790	30	ug/Kg
117-84-0	Di-n-octyl phthalate	28	U	790	28	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	790	57	ug/Kg
207-08-9	Benzo(k)fluoranthene	36	U	790	36	ug/Kg
50-32-8	Benzo(a)pyrene	23	U	790	23	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE4**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-04**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**17**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021432.D	2	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	20	U	790	20	ug/Kg
53-70-3	Dibenz(a,h)anthracene	58	U	790	58	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	790	58	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	57.36	38 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	83.96	56 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	54.7	55 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	74.04	74 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	103.44	69 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	68.32	68 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	247344	4.52			
1146-65-2	Naphthalene-d8	974109	5.70			
15067-26-2	Acenaphthene-d10	525471	7.42			
1517-22-2	Phenanthrene-d10	883960	8.89			
1719-03-5	Chrysene-d12	1005761	11.52			
1520-96-3	Perylene-d12	922005	13.40			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	390	A	3.14		ug/Kg
832-71-3	Phenanthrene, 3-methyl-	260	J	9.42		ug/Kg
832-69-9	Phenanthrene, 1-methyl-	270	J	9.49		ug/Kg
3674-66-6	Phenanthrene, 2,5-dimethyl-	380	J	9.94		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE5**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-05**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**15**
Sample Wt/Vol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021429.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	13	U	390	13	ug/Kg
108-95-2	Phenol	11	U	390	11	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5.1	U	390	5.1	ug/Kg
95-57-8	2-Chlorophenol	11	U	390	11	ug/Kg
95-48-7	2-Methylphenol	10	U	390	10	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	16	U	390	16	ug/Kg
98-86-2	Acetophenone	12	U	390	12	ug/Kg
106-44-5	3+4-Methylphenols	12	U	390	12	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	14	U	390	14	ug/Kg
67-72-1	Hexachloroethane	13	U	390	13	ug/Kg
98-95-3	Nitrobenzene	9.1	U	390	9.1	ug/Kg
78-59-1	Isophorone	13	U	390	13	ug/Kg
88-75-5	2-Nitrophenol	14	U	390	14	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	390	12	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	8.9	U	390	8.9	ug/Kg
120-83-2	2,4-Dichlorophenol	9.2	U	390	9.2	ug/Kg
91-20-3	Naphthalene	9.4	U	390	9.4	ug/Kg
106-47-8	4-Chloroaniline	26	U	390	26	ug/Kg
87-68-3	Hexachlorobutadiene	16	U	390	16	ug/Kg
105-60-2	Caprolactam	47	U	390	47	ug/Kg
59-50-7	4-Chloro-3-methylphenol	11	U	390	11	ug/Kg
91-57-6	2-Methylnaphthalene	11	U	390	11	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	390	20	ug/Kg
88-06-2	2,4,6-Trichlorophenol	9.0	U	390	9.0	ug/Kg
95-95-4	2,4,5-Trichlorophenol	11	U	970	11	ug/Kg
92-52-4	1,1-Biphenyl	11	U	390	11	ug/Kg
91-58-7	2-Chloronaphthalene	9.4	U	390	9.4	ug/Kg
88-74-4	2-Nitroaniline	18	U	970	18	ug/Kg
131-11-3	Dimethylphthalate	11	U	390	11	ug/Kg
208-96-8	Acenaphthylene	5.7	U	390	5.7	ug/Kg
606-20-2	2,6-Dinitrotoluene	14	U	390	14	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE5**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-05**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**15**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021429.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	26	U	970	26	ug/Kg
83-32-9	Acenaphthene	8.4	U	390	8.4	ug/Kg
51-28-5	2,4-Dinitrophenol	21	U	970	21	ug/Kg
100-02-7	4-Nitrophenol	23	U	970	23	ug/Kg
132-64-9	Dibenzofuran	12	U	390	12	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	390	13	ug/Kg
84-66-2	Diethylphthalate	13	U	390	13	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	15	U	390	15	ug/Kg
86-73-7	Fluorene	10	U	390	10	ug/Kg
100-01-6	4-Nitroaniline	31	U	970	31	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	52	U	970	52	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	390	29	ug/Kg
101-55-3	4-Bromophenyl-phenylether	18	U	390	18	ug/Kg
118-74-1	Hexachlorobenzene	12	U	390	12	ug/Kg
1912-24-9	Atrazine	27	U	390	27	ug/Kg
87-86-5	Pentachlorophenol	44	U	970	44	ug/Kg
85-01-8	Phenanthrene	12	U	390	12	ug/Kg
120-12-7	Anthracene	13	U	390	13	ug/Kg
86-74-8	Carbazole	30	U	390	30	ug/Kg
84-74-2	Di-n-butylphthalate	18	U	390	18	ug/Kg
206-44-0	Fluoranthene	9.4	U	390	9.4	ug/Kg
129-00-0	Pyrene	8.5	U	390	8.5	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	390	25	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	390	29	ug/Kg
56-55-3	Benzo(a)anthracene	9.3	U	390	9.3	ug/Kg
218-01-9	Chrysene	7.2	U	390	7.2	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	15	U	390	15	ug/Kg
117-84-0	Di-n-octyl phthalate	14	U	390	14	ug/Kg
205-99-2	Benzo(b)fluoranthene	28	U	390	28	ug/Kg
207-08-9	Benzo(k)fluoranthene	18	U	390	18	ug/Kg
50-32-8	Benzo(a)pyrene	11	U	390	11	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE5**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-05**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**15**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021429.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	9.8	U	390	9.8	ug/Kg
53-70-3	Dibenz(a,h)anthracene	29	U	390	29	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	390	28	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	47.34	32 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	45.65	30 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	43.35	43 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	31.62	32 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	30.5	20 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	29.69	30 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	268189	4.52			
1146-65-2	Naphthalene-d8	1056350	5.70			
15067-26-2	Acenaphthene-d10	580439	7.42			
1517-22-2	Phenanthrene-d10	972741	8.89			
1719-03-5	Chrysene-d12	1102373	11.51			
1520-96-3	Perylene-d12	965475	13.38			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	310	A	3.14		ug/Kg
77899-03-7	1-Heneicosyl formate	260	J	11.36		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE6**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-06**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**16**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021427.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	13	U	390	13	ug/Kg
108-95-2	Phenol	11	U	390	11	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5.1	U	390	5.1	ug/Kg
95-57-8	2-Chlorophenol	11	U	390	11	ug/Kg
95-48-7	2-Methylphenol	10	U	390	10	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	16	U	390	16	ug/Kg
98-86-2	Acetophenone	12	U	390	12	ug/Kg
106-44-5	3+4-Methylphenols	12	U	390	12	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	14	U	390	14	ug/Kg
67-72-1	Hexachloroethane	13	U	390	13	ug/Kg
98-95-3	Nitrobenzene	9.2	U	390	9.2	ug/Kg
78-59-1	Isophorone	13	U	390	13	ug/Kg
88-75-5	2-Nitrophenol	14	U	390	14	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	390	12	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	9.0	U	390	9.0	ug/Kg
120-83-2	2,4-Dichlorophenol	9.3	U	390	9.3	ug/Kg
91-20-3	Naphthalene	9.5	U	390	9.5	ug/Kg
106-47-8	4-Chloroaniline	26	U	390	26	ug/Kg
87-68-3	Hexachlorobutadiene	16	U	390	16	ug/Kg
105-60-2	Caprolactam	47	U	390	47	ug/Kg
59-50-7	4-Chloro-3-methylphenol	12	U	390	12	ug/Kg
91-57-6	2-Methylnaphthalene	11	U	390	11	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	390	20	ug/Kg
88-06-2	2,4,6-Trichlorophenol	9.1	U	390	9.1	ug/Kg
95-95-4	2,4,5-Trichlorophenol	12	U	980	12	ug/Kg
92-52-4	1,1-Biphenyl	12	U	390	12	ug/Kg
91-58-7	2-Chloronaphthalene	9.5	U	390	9.5	ug/Kg
88-74-4	2-Nitroaniline	18	U	980	18	ug/Kg
131-11-3	Dimethylphthalate	11	U	390	11	ug/Kg
208-96-8	Acenaphthylene	5.7	U	390	5.7	ug/Kg
606-20-2	2,6-Dinitrotoluene	14	U	390	14	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE6**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-06**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**16**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021427.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	26	U	980	26	ug/Kg
83-32-9	Acenaphthene	8.5	U	390	8.5	ug/Kg
51-28-5	2,4-Dinitrophenol	21	U	980	21	ug/Kg
100-02-7	4-Nitrophenol	23	U	980	23	ug/Kg
132-64-9	Dibenzofuran	12	U	390	12	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	390	13	ug/Kg
84-66-2	Diethylphthalate	13	U	390	13	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	15	U	390	15	ug/Kg
86-73-7	Fluorene	11	U	390	11	ug/Kg
100-01-6	4-Nitroaniline	31	U	980	31	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	53	U	980	53	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	390	29	ug/Kg
101-55-3	4-Bromophenyl-phenylether	18	U	390	18	ug/Kg
118-74-1	Hexachlorobenzene	12	U	390	12	ug/Kg
1912-24-9	Atrazine	28	U	390	28	ug/Kg
87-86-5	Pentachlorophenol	44	U	980	44	ug/Kg
85-01-8	Phenanthrene	12	U	390	12	ug/Kg
120-12-7	Anthracene	13	U	390	13	ug/Kg
86-74-8	Carbazole	30	U	390	30	ug/Kg
84-74-2	Di-n-butylphthalate	18	U	390	18	ug/Kg
206-44-0	Fluoranthene	9.5	U	390	9.5	ug/Kg
129-00-0	Pyrene	8.6	U	390	8.6	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	390	25	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	390	30	ug/Kg
56-55-3	Benzo(a)anthracene	9.4	U	390	9.4	ug/Kg
218-01-9	Chrysene	7.3	U	390	7.3	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	15	U	390	15	ug/Kg
117-84-0	Di-n-octyl phthalate	14	U	390	14	ug/Kg
205-99-2	Benzo(b)fluoranthene	28	U	390	28	ug/Kg
207-08-9	Benzo(k)fluoranthene	18	U	390	18	ug/Kg
50-32-8	Benzo(a)pyrene	12	U	390	12	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE6**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-06**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**16**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021427.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	9.9	U	390	9.9	ug/Kg
53-70-3	Dibenz(a,h)anthracene	29	U	390	29	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	390	28	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.23	65 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	110.69	74 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	71.96	72 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	75.83	76 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	82.17	55 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	64.2	64 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	258273	4.52			
1146-65-2	Naphthalene-d8	1011680	5.70			
15067-26-2	Acenaphthene-d10	551899	7.41			
1517-22-2	Phenanthrene-d10	925622	8.89			
1719-03-5	Chrysene-d12	1045762	11.51			
1520-96-3	Perylene-d12	934524	13.38			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	560	A	3.14		ug/Kg
57-10-3	n-Hexadecanoic acid	94	J	9.42		ug/Kg
1599-67-3	1-Docosene	240	J	11.36		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-07**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**29**
Sample Wt/Wol:	**3.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021434.D	20	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	3000	U	90000	3000	ug/Kg
108-95-2	Phenol	2500	U	90000	2500	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200	U	90000	1200	ug/Kg
95-57-8	2-Chlorophenol	2500	U	90000	2500	ug/Kg
95-48-7	2-Methylphenol	2400	U	90000	2400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3700	U	90000	3700	ug/Kg
98-86-2	Acetophenone	2700	U	90000	2700	ug/Kg
106-44-5	3+4-Methylphenols	2700	U	90000	2700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3300	U	90000	3300	ug/Kg
67-72-1	Hexachloroethane	3000	U	90000	3000	ug/Kg
98-95-3	Nitrobenzene	2100	U	90000	2100	ug/Kg
78-59-1	Isophorone	3000	U	90000	3000	ug/Kg
88-75-5	2-Nitrophenol	3300	U	90000	3300	ug/Kg
105-67-9	2,4-Dimethylphenol	2700	U	90000	2700	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2100	U	90000	2100	ug/Kg
120-83-2	2,4-Dichlorophenol	2100	U	90000	2100	ug/Kg
91-20-3	Naphthalene	2200	U	90000	2200	ug/Kg
106-47-8	4-Chloroaniline	6000	U	90000	6000	ug/Kg
87-68-3	Hexachlorobutadiene	3700	U	90000	3700	ug/Kg
105-60-2	Caprolactam	11000	U	90000	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2700	U	90000	2700	ug/Kg
91-57-6	2-Methylnaphthalene	2600	U	90000	2600	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4600	U	90000	4600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100	U	90000	2100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2700	U	230000	2700	ug/Kg
92-52-4	1,1-Biphenyl	2700	U	90000	2700	ug/Kg
91-58-7	2-Chloronaphthalene	2200	U	90000	2200	ug/Kg
88-74-4	2-Nitroaniline	4200	U	230000	4200	ug/Kg
131-11-3	Dimethylphthalate	2600	U	90000	2600	ug/Kg
208-96-8	Acenaphthylene	19000	J	90000	1300	ug/Kg
606-20-2	2,6-Dinitrotoluene	3200	U	90000	3200	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-07**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**29**
Sample Wt/Wol:	**3.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021434.D	20	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	6000	U	230000	6000	ug/Kg
83-32-9	Acenaphthene	11000	J	90000	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	4800	U	230000	4800	ug/Kg
100-02-7	4-Nitrophenol	5400	U	230000	5400	ug/Kg
132-64-9	Dibenzofuran	2800	U	90000	2800	ug/Kg
121-14-2	2,4-Dinitrotoluene	3000	U	90000	3000	ug/Kg
84-66-2	Diethylphthalate	3100	U	90000	3100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3400	U	90000	3400	ug/Kg
86-73-7	Fluorene	14000	J	90000	2400	ug/Kg
100-01-6	4-Nitroaniline	7100	U	230000	7100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	12000	U	230000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	6800	U	90000	6800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4100	U	90000	4100	ug/Kg
118-74-1	Hexachlorobenzene	2700	U	90000	2700	ug/Kg
1912-24-9	Atrazine	6400	U	90000	6400	ug/Kg
87-86-5	Pentachlorophenol	10000	U	230000	10000	ug/Kg
85-01-8	Phenanthrene	230000		90000	2800	ug/Kg
120-12-7	Anthracene	59000	J	90000	3000	ug/Kg
86-74-8	Carbazole	38000	J	90000	6900	ug/Kg
84-74-2	Di-n-butylphthalate	4200	U	90000	4200	ug/Kg
206-44-0	Fluoranthene	540000		90000	2200	ug/Kg
129-00-0	Pyrene	430000		90000	2000	ug/Kg
85-68-7	Butylbenzylphthalate	5700	U	90000	5700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	6800	U	90000	6800	ug/Kg
56-55-3	Benzo(a)anthracene	280000		90000	2200	ug/Kg
218-01-9	Chrysene	270000		90000	1700	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	3500	U	90000	3500	ug/Kg
117-84-0	Di-n-octyl phthalate	3200	U	90000	3200	ug/Kg
205-99-2	Benzo(b)fluoranthene	330000		90000	6500	ug/Kg
207-08-9	Benzo(k)fluoranthene	120000		90000	4100	ug/Kg
50-32-8	Benzo(a)pyrene	230000		90000	2700	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-07**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**29**
Sample Wt/Wol:	**3.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021434.D	20	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	160000		90000	2300	ug/Kg
53-70-3	Dibenz(a,h)anthracene	43000	J	90000	6600	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150000		90000	6500	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	143.2	95 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	157	105 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	92.60	93 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	107.8	108 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	128	85 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	105.2	105 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	267639	4.52			
1146-65-2	Naphthalene-d8	1063491	5.70			
15067-26-2	Acenaphthene-d10	586214	7.42			
1517-22-2	Phenanthrene-d10	975616	8.89			
1719-03-5	Chrysene-d12	1076827	11.52			
1520-96-3	Perylene-d12	1013052	13.39			
TENTITIVE IDENTIFIED COMPOUNDS						
486-25-9	9H-Fluoren-9-one	24000	J	8.69		ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	52000	J	9.39		ug/Kg
832-69-9	Phenanthrene, 1-methyl-	68000	J	9.42		ug/Kg
949-41-7	1H-Cyclopropa[l]phenanthrene,1a,	28000	J	9.46		ug/Kg
203-64-5	4H-Cyclopenta[def]phenanthrene	91000	J	9.50		ug/Kg
35465-71-5	2-Phenylnaphthalene	39000	J	9.69		ug/Kg
84-65-1	9,10-Anthracenedione	36000	J	9.70		ug/Kg
3674-66-6	Phenanthrene, 2,5-dimethyl-	46000	J	9.94		ug/Kg
	unknown9.97	28000	J	9.97		ug/Kg
5737-13-3	Cyclopenta(def)phenanthrenone	54000	J	10.02		ug/Kg
206-56-4	Indeno(1,2,3-ij)isoquinoline	29000	J	10.16		ug/Kg
2381-21-7	Pyrene, 1-methyl-	24000	J	10.55		ug/Kg
33543-31-6	Fluoranthene, 2-methyl-	26000	J	10.75		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-07**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**29**
Sample Wt/Wol:	**3.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021434.D	20	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TENTITIVE IDENTIFIED COMPOUNDS						
479-79-8	11H-Benzo[a]fluoren-11-one	30000	J	11.15		ug/Kg
82-05-3	7H-Benz[de]anthracen-7-one	26000	J	11.26		ug/Kg
	Unknown11.36	28000	J	11.36		ug/Kg
3351-28-8	Chrysene, 1-methyl-	24000	J	11.94		ug/Kg
57652-66-1	Benzo[a]pyrene, 4,5-dihydro-	33000	J	12.56		ug/Kg
192-97-2	Benzo[e]pyrene	52000	J	12.94		ug/Kg
198-55-0	Perylene	190000	J	13.22		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**38**
Sample Wt/Wol:	**3.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021433.D	2	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	340	U	10000	340	ug/Kg
108-95-2	Phenol	280	U	10000	280	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	10000	130	ug/Kg
95-57-8	2-Chlorophenol	280	U	10000	280	ug/Kg
95-48-7	2-Methylphenol	270	U	10000	270	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	420	U	10000	420	ug/Kg
98-86-2	Acetophenone	300	U	10000	300	ug/Kg
106-44-5	3+4-Methylphenols	310	U	10000	310	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	370	U	10000	370	ug/Kg
67-72-1	Hexachloroethane	330	U	10000	330	ug/Kg
98-95-3	Nitrobenzene	240	U	10000	240	ug/Kg
78-59-1	Isophorone	330	U	10000	330	ug/Kg
88-75-5	2-Nitrophenol	370	U	10000	370	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	10000	300	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	230	U	10000	230	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	10000	240	ug/Kg
91-20-3	Naphthalene	250	U	10000	250	ug/Kg
106-47-8	4-Chloroaniline	670	U	10000	670	ug/Kg
87-68-3	Hexachlorobutadiene	410	U	10000	410	ug/Kg
105-60-2	Caprolactam	1200	U	10000	1200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	300	U	10000	300	ug/Kg
91-57-6	2-Methylnaphthalene	290	U	10000	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	10000	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	10000	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300	U	25000	300	ug/Kg
92-52-4	1,1-Biphenyl	300	U	10000	300	ug/Kg
91-58-7	2-Chloronaphthalene	250	U	10000	250	ug/Kg
88-74-4	2-Nitroaniline	480	U	25000	480	ug/Kg
131-11-3	Dimethylphthalate	300	U	10000	300	ug/Kg
208-96-8	Acenaphthylene	2800	J	10000	150	ug/Kg
606-20-2	2,6-Dinitrotoluene	360	U	10000	360	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**38**
Sample Wt/Wol:	**3.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021433.D	2	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	670	U	25000	670	ug/Kg
83-32-9	Acenaphthene	220	U	10000	220	ug/Kg
51-28-5	2,4-Dinitrophenol	540	U	25000	540	ug/Kg
100-02-7	4-Nitrophenol	600	U	25000	600	ug/Kg
132-64-9	Dibenzofuran	310	U	10000	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	340	U	10000	340	ug/Kg
84-66-2	Diethylphthalate	350	U	10000	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	390	U	10000	390	ug/Kg
86-73-7	Fluorene	1200	J	10000	270	ug/Kg
100-01-6	4-Nitroaniline	800	U	25000	800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400	U	25000	1400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	760	U	10000	760	ug/Kg
101-55-3	4-Bromophenyl-phenylether	460	U	10000	460	ug/Kg
118-74-1	Hexachlorobenzene	310	U	10000	310	ug/Kg
1912-24-9	Atrazine	720	U	10000	720	ug/Kg
87-86-5	Pentachlorophenol	1200	U	25000	1200	ug/Kg
85-01-8	Phenanthrene	24000		10000	320	ug/Kg
120-12-7	Anthracene	6100	J	10000	340	ug/Kg
86-74-8	Carbazole	3500	J	10000	780	ug/Kg
84-74-2	Di-n-butylphthalate	480	U	10000	480	ug/Kg
206-44-0	Fluoranthene	71000	E	10000	250	ug/Kg
129-00-0	Pyrene	56000		10000	220	ug/Kg
85-68-7	Butylbenzylphthalate	640	U	10000	640	ug/Kg
91-94-1	3,3-Dichlorobenzidine	770	U	10000	770	ug/Kg
56-55-3	Benzo(a)anthracene	36000		10000	240	ug/Kg
218-01-9	Chrysene	36000		10000	190	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	390	U	10000	390	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	10000	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	43000		10000	730	ug/Kg
207-08-9	Benzo(k)fluoranthene	16000		10000	470	ug/Kg
50-32-8	Benzo(a)pyrene	29000		10000	300	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**38**
Sample Wt/Wol:	**3.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021433.D	2	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	22000		10000	260	ug/Kg
53-70-3	Dibenz(a,h)anthracene	5900	J	10000	750	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19000		10000	740	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	129.14	86 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	139.88	93 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	82.46	82 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	95.58	96 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	130.92	87 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	92.56	93 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	249339	4.52			
1146-65-2	Naphthalene-d8	980070	5.70			
15067-26-2	Acenaphthene-d10	531320	7.42			
1517-22-2	Phenanthrene-d10	877060	8.89			
1719-03-5	Chrysene-d12	986835	11.52			
1520-96-3	Perylene-d12	930937	13.40			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	6900	A	3.14		ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	6200	J	9.39		ug/Kg
832-69-9	Phenanthrene, 1-methyl-	8400	J	9.42		ug/Kg
610-48-0	Anthracene, 1-methyl-	3100	J	9.46		ug/Kg
203-64-5	4H-Cyclopenta[def]phenanthrene	11000	J	9.50		ug/Kg
779-02-2	Anthracene, 9-methyl-	2900	J	9.52		ug/Kg
35465-71-5	2-Phenylnaphthalene	4800	J	9.69		ug/Kg
84-65-1	9,10-Anthracenedione	4900	J	9.70		ug/Kg
3674-66-6	Phenanthrene, 2,5-dimethyl-	5400	J	9.94		ug/Kg
	unknown9.97	2800	J	9.97		ug/Kg
5737-13-3	Cyclopenta(def)phenanthrenone	6900	J	10.02		ug/Kg
1210-12-4	9-Anthracenecarbonitrile	4000	J	10.16		ug/Kg
2381-21-7	Pyrene, 1-methyl-	3100	J	10.55		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**38**
Sample Wt/Wol:	**3.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021433.D	2	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TENTITIVE IDENTIFIED COMPOUNDS						
243-17-4	11H-Benzo[b]fluorene	2700	J	10.65		ug/Kg
	Unknown10.75	2900	J	10.75		ug/Kg
479-79-8	11H-Benzo[a]fluoren-11-one	3700	J	11.15		ug/Kg
82-05-3	7H-Benz[de]anthracen-7-one	3300	J	11.26		ug/Kg
	Unknown11.36	5300	J	11.36		ug/Kg
205-99-2	Benz[e]acephenanthrylene	5700	J	12.94		ug/Kg
192-97-2	Benzo[e]pyrene	25000	J	13.22		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2DL**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08DL**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**38**
Sample Wt/Wol:	**3.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021453.D	4	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	680	UD	20000	680	ug/Kg
108-95-2	Phenol	560	UD	20000	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	UD	20000	270	ug/Kg
95-57-8	2-Chlorophenol	550	UD	20000	550	ug/Kg
95-48-7	2-Methylphenol	540	UD	20000	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840	UD	20000	840	ug/Kg
98-86-2	Acetophenone	610	UD	20000	610	ug/Kg
106-44-5	3+4-Methylphenols	620	UD	20000	620	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	740	UD	20000	740	ug/Kg
67-72-1	Hexachloroethane	660	UD	20000	660	ug/Kg
98-95-3	Nitrobenzene	480	UD	20000	480	ug/Kg
78-59-1	Isophorone	670	UD	20000	670	ug/Kg
88-75-5	2-Nitrophenol	740	UD	20000	740	ug/Kg
105-67-9	2,4-Dimethylphenol	610	UD	20000	610	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	470	UD	20000	470	ug/Kg
120-83-2	2,4-Dichlorophenol	480	UD	20000	480	ug/Kg
91-20-3	Naphthalene	490	UD	20000	490	ug/Kg
106-47-8	4-Chloroaniline	1300	UD	20000	1300	ug/Kg
87-68-3	Hexachlorobutadiene	820	UD	20000	820	ug/Kg
105-60-2	Caprolactam	2400	UD	20000	2400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	600	UD	20000	600	ug/Kg
91-57-6	2-Methylnaphthalene	570	UD	20000	570	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	UD	20000	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	470	UD	20000	470	ug/Kg
95-95-4	2,4,5-Trichlorophenol	600	UD	51000	600	ug/Kg
92-52-4	1,1-Biphenyl	600	UD	20000	600	ug/Kg
91-58-7	2-Chloronaphthalene	490	UD	20000	490	ug/Kg
88-74-4	2-Nitroaniline	950	UD	51000	950	ug/Kg
131-11-3	Dimethylphthalate	590	UD	20000	590	ug/Kg
208-96-8	Acenaphthylene	2100	JD	20000	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	730	UD	20000	730	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2DL**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08DL**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**38**
Sample Wt/Wol:	**3.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021453.D	4	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	1300	UD	51000	1300	ug/Kg
83-32-9	Acenaphthene	440	UD	20000	440	ug/Kg
51-28-5	2,4-Dinitrophenol	1100	UD	51000	1100	ug/Kg
100-02-7	4-Nitrophenol	1200	UD	51000	1200	ug/Kg
132-64-9	Dibenzofuran	630	UD	20000	630	ug/Kg
121-14-2	2,4-Dinitrotoluene	670	UD	20000	670	ug/Kg
84-66-2	Diethylphthalate	690	UD	20000	690	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	770	UD	20000	770	ug/Kg
86-73-7	Fluorene	550	UD	20000	550	ug/Kg
100-01-6	4-Nitroaniline	1600	UD	51000	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2700	UD	51000	2700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	UD	20000	1500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	930	UD	20000	930	ug/Kg
118-74-1	Hexachlorobenzene	610	UD	20000	610	ug/Kg
1912-24-9	Atrazine	1400	UD	20000	1400	ug/Kg
87-86-5	Pentachlorophenol	2300	UD	51000	2300	ug/Kg
85-01-8	Phenanthrene	23000	D	20000	630	ug/Kg
120-12-7	Anthracene	4900	JD	20000	680	ug/Kg
86-74-8	Carbazole	3100	JD	20000	1600	ug/Kg
84-74-2	Di-n-butylphthalate	950	UD	20000	950	ug/Kg
206-44-0	Fluoranthene	68000	D	20000	490	ug/Kg
129-00-0	Pyrene	55000	D	20000	440	ug/Kg
85-68-7	Butylbenzylphthalate	1300	UD	20000	1300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500	UD	20000	1500	ug/Kg
56-55-3	Benzo(a)anthracene	34000	D	20000	490	ug/Kg
218-01-9	Chrysene	34000	D	20000	380	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	780	UD	20000	780	ug/Kg
117-84-0	Di-n-octyl phthalate	710	UD	20000	710	ug/Kg
205-99-2	Benzo(b)fluoranthene	43000	D	20000	1500	ug/Kg
207-08-9	Benzo(k)fluoranthene	13000	JD	20000	930	ug/Kg
50-32-8	Benzo(a)pyrene	27000	D	20000	600	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2DL**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08DL**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**38**
Sample Wt/Wol:	**3.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021453.D	4	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	19000	JD	20000	510	ug/Kg
53-70-3	Dibenz(a,h)anthracene	4600	JD	20000	1500	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17000	JD	20000	1500	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	123.12	82 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	132.68	88 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	76.84	77 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	93.08	93 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	125.32	84 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	91.24	91 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	308799	4.50			
1146-65-2	Naphthalene-d8	1197927	5.68			
15067-26-2	Acenaphthene-d10	663390	7.40			
1517-22-2	Phenanthrene-d10	1070803	8.87			
1719-03-5	Chrysene-d12	1164013	11.50			
1520-96-3	Perylene-d12	1074916	13.35			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-1(0-1)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-09**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**5**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021428.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	12	U	350	12	ug/Kg
108-95-2	Phenol	9.7	U	350	9.7	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4.5	U	350	4.5	ug/Kg
95-57-8	2-Chlorophenol	9.4	U	350	9.4	ug/Kg
95-48-7	2-Methylphenol	9.3	U	350	9.3	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	350	14	ug/Kg
98-86-2	Acetophenone	10	U	350	10	ug/Kg
106-44-5	3+4-Methylphenols	11	U	350	11	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	13	U	350	13	ug/Kg
67-72-1	Hexachloroethane	11	U	350	11	ug/Kg
98-95-3	Nitrobenzene	8.2	U	350	8.2	ug/Kg
78-59-1	Isophorone	11	U	350	11	ug/Kg
88-75-5	2-Nitrophenol	13	U	350	13	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	350	10	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	8.0	U	350	8.0	ug/Kg
120-83-2	2,4-Dichlorophenol	8.3	U	350	8.3	ug/Kg
91-20-3	Naphthalene	8.4	U	350	8.4	ug/Kg
106-47-8	4-Chloroaniline	23	U	350	23	ug/Kg
87-68-3	Hexachlorobutadiene	14	U	350	14	ug/Kg
105-60-2	Caprolactam	42	U	350	42	ug/Kg
59-50-7	4-Chloro-3-methylphenol	10	U	350	10	ug/Kg
91-57-6	2-Methylnaphthalene	9.8	U	350	9.8	ug/Kg
77-47-4	Hexachlorocyclopentadiene	18	U	350	18	ug/Kg
88-06-2	2,4,6-Trichlorophenol	8.1	U	350	8.1	ug/Kg
95-95-4	2,4,5-Trichlorophenol	10	U	870	10	ug/Kg
92-52-4	1,1-Biphenyl	10	U	350	10	ug/Kg
91-58-7	2-Chloronaphthalene	8.4	U	350	8.4	ug/Kg
88-74-4	2-Nitroaniline	16	U	870	16	ug/Kg
131-11-3	Dimethylphthalate	10	U	350	10	ug/Kg
208-96-8	Acenaphthylene	5.1	U	350	5.1	ug/Kg
606-20-2	2,6-Dinitrotoluene	12	U	350	12	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-1(0-1)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-09**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**5**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021428.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	23	U	870	23	ug/Kg
83-32-9	Acenaphthene	7.5	U	350	7.5	ug/Kg
51-28-5	2,4-Dinitrophenol	19	U	870	19	ug/Kg
100-02-7	4-Nitrophenol	21	U	870	21	ug/Kg
132-64-9	Dibenzofuran	11	U	350	11	ug/Kg
121-14-2	2,4-Dinitrotoluene	12	U	350	12	ug/Kg
84-66-2	Diethylphthalate	12	U	350	12	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	13	U	350	13	ug/Kg
86-73-7	Fluorene	9.4	U	350	9.4	ug/Kg
100-01-6	4-Nitroaniline	27	U	870	27	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	870	47	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	350	26	ug/Kg
101-55-3	4-Bromophenyl-phenylether	16	U	350	16	ug/Kg
118-74-1	Hexachlorobenzene	11	U	350	11	ug/Kg
1912-24-9	Atrazine	25	U	350	25	ug/Kg
87-86-5	Pentachlorophenol	39	U	870	39	ug/Kg
85-01-8	Phenanthrene	79	J	350	11	ug/Kg
120-12-7	Anthracene	12	U	350	12	ug/Kg
86-74-8	Carbazole	27	U	350	27	ug/Kg
84-74-2	Di-n-butylphthalate	16	U	350	16	ug/Kg
206-44-0	Fluoranthene	280	J	350	8.4	ug/Kg
129-00-0	Pyrene	210	J	350	7.6	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	350	22	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	350	26	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	350	8.4	ug/Kg
218-01-9	Chrysene	140	J	350	6.5	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	13	U	350	13	ug/Kg
117-84-0	Di-n-octyl phthalate	12	U	350	12	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	350	25	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	J	350	16	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	350	10	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-1(0-1)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-09**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**5**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021428.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	69	J	350	8.8	ug/Kg
53-70-3	Dibenz(a,h)anthracene	26	U	350	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	J	350	25	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	109.19	73 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	120.12	80 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	72.24	72 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	81.77	82 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	114.61	76 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	80.96	81 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	254685	4.52			
1146-65-2	Naphthalene-d8	1007056	5.70			
15067-26-2	Acenaphthene-d10	552456	7.42			
1517-22-2	Phenanthrene-d10	937661	8.89			
1719-03-5	Chrysene-d12	1072678	11.51			
1520-96-3	Perylene-d12	982996	13.38			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	480	A	3.14		ug/Kg
74685-30-6	5-Eicosene, (E)-	180	JB	11.36		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-2(1-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-10**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**8**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021452.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	12	U	360	12	ug/Kg
108-95-2	Phenol	10	U	360	10	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4.7	U	360	4.7	ug/Kg
95-57-8	2-Chlorophenol	9.7	U	360	9.7	ug/Kg
95-48-7	2-Methylphenol	9.5	U	360	9.5	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	15	U	360	15	ug/Kg
98-86-2	Acetophenone	11	U	360	11	ug/Kg
106-44-5	3+4-Methylphenols	11	U	360	11	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	13	U	360	13	ug/Kg
67-72-1	Hexachloroethane	12	U	360	12	ug/Kg
98-95-3	Nitrobenzene	8.4	U	360	8.4	ug/Kg
78-59-1	Isophorone	12	U	360	12	ug/Kg
88-75-5	2-Nitrophenol	13	U	360	13	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	360	11	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	8.3	U	360	8.3	ug/Kg
120-83-2	2,4-Dichlorophenol	8.5	U	360	8.5	ug/Kg
91-20-3	Naphthalene	8.7	U	360	8.7	ug/Kg
106-47-8	4-Chloroaniline	24	U	360	24	ug/Kg
87-68-3	Hexachlorobutadiene	15	U	360	15	ug/Kg
105-60-2	Caprolactam	43	U	360	43	ug/Kg
59-50-7	4-Chloro-3-methylphenol	11	U	360	11	ug/Kg
91-57-6	2-Methylnaphthalene	10	U	360	10	ug/Kg
77-47-4	Hexachlorocyclopentadiene	18	U	360	18	ug/Kg
88-06-2	2,4,6-Trichlorophenol	8.4	U	360	8.4	ug/Kg
95-95-4	2,4,5-Trichlorophenol	11	U	900	11	ug/Kg
92-52-4	1,1-Biphenyl	11	U	360	11	ug/Kg
91-58-7	2-Chloronaphthalene	8.7	U	360	8.7	ug/Kg
88-74-4	2-Nitroaniline	17	U	900	17	ug/Kg
131-11-3	Dimethylphthalate	10	U	360	10	ug/Kg
208-96-8	Acenaphthylene	5.3	U	360	5.3	ug/Kg
606-20-2	2,6-Dinitrotoluene	13	U	360	13	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-2(1-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-10**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**8**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021452.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	24	U	900	24	ug/Kg
83-32-9	Acenaphthene	7.8	U	360	7.8	ug/Kg
51-28-5	2,4-Dinitrophenol	19	U	900	19	ug/Kg
100-02-7	4-Nitrophenol	21	U	900	21	ug/Kg
132-64-9	Dibenzofuran	11	U	360	11	ug/Kg
121-14-2	2,4-Dinitrotoluene	12	U	360	12	ug/Kg
84-66-2	Diethylphthalate	12	U	360	12	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	14	U	360	14	ug/Kg
86-73-7	Fluorene	9.7	U	360	9.7	ug/Kg
100-01-6	4-Nitroaniline	28	U	900	28	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	900	49	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	360	27	ug/Kg
101-55-3	4-Bromophenyl-phenylether	16	U	360	16	ug/Kg
118-74-1	Hexachlorobenzene	11	U	360	11	ug/Kg
1912-24-9	Atrazine	25	U	360	25	ug/Kg
87-86-5	Pentachlorophenol	41	U	900	41	ug/Kg
85-01-8	Phenanthrene	75	J	360	11	ug/Kg
120-12-7	Anthracene	12	U	360	12	ug/Kg
86-74-8	Carbazole	27	U	360	27	ug/Kg
84-74-2	Di-n-butylphthalate	17	U	360	17	ug/Kg
206-44-0	Fluoranthene	190	J	360	8.7	ug/Kg
129-00-0	Pyrene	150	J	360	7.8	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	360	23	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	360	27	ug/Kg
56-55-3	Benzo(a)anthracene	88	J	360	8.6	ug/Kg
218-01-9	Chrysene	92	J	360	6.7	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	14	U	360	14	ug/Kg
117-84-0	Di-n-octyl phthalate	13	U	360	13	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	J	360	26	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	U	360	16	ug/Kg
50-32-8	Benzo(a)pyrene	65	J	360	11	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-2(1-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-10**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**8**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021452.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	39	J	360	9.1	ug/Kg
53-70-3	Dibenz(a,h)anthracene	26	U	360	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	J	360	26	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	104.13	69 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	114.37	76 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	67.96	68 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	78.49	78 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	108.83	73 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	79.11	79 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	174281	4.50			
1146-65-2	Naphthalene-d8	682372	5.68			
15067-26-2	Acenaphthene-d10	384512	7.40			
1517-22-2	Phenanthrene-d10	647587	8.87			
1719-03-5	Chrysene-d12	692741	11.49			
1520-96-3	Perylene-d12	607550	13.34			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.13	470	A	3.13		ug/Kg
74685-30-6	5-Eicosene, (E)-	120	JB	11.35		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-3(1-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-11**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021423.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	12	U	350	12	ug/Kg
108-95-2	Phenol	9.7	U	350	9.7	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4.6	U	350	4.6	ug/Kg
95-57-8	2-Chlorophenol	9.5	U	350	9.5	ug/Kg
95-48-7	2-Methylphenol	9.3	U	350	9.3	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	350	14	ug/Kg
98-86-2	Acetophenone	10	U	350	10	ug/Kg
106-44-5	3+4-Methylphenols	11	U	350	11	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	13	U	350	13	ug/Kg
67-72-1	Hexachloroethane	11	U	350	11	ug/Kg
98-95-3	Nitrobenzene	8.2	U	350	8.2	ug/Kg
78-59-1	Isophorone	11	U	350	11	ug/Kg
88-75-5	2-Nitrophenol	13	U	350	13	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	350	10	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	8.1	U	350	8.1	ug/Kg
120-83-2	2,4-Dichlorophenol	8.3	U	350	8.3	ug/Kg
91-20-3	Naphthalene	8.5	U	350	8.5	ug/Kg
106-47-8	4-Chloroaniline	23	U	350	23	ug/Kg
87-68-3	Hexachlorobutadiene	14	U	350	14	ug/Kg
105-60-2	Caprolactam	42	U	350	42	ug/Kg
59-50-7	4-Chloro-3-methylphenol	10	U	350	10	ug/Kg
91-57-6	2-Methylnaphthalene	9.9	U	350	9.9	ug/Kg
77-47-4	Hexachlorocyclopentadiene	18	U	350	18	ug/Kg
88-06-2	2,4,6-Trichlorophenol	8.2	U	350	8.2	ug/Kg
95-95-4	2,4,5-Trichlorophenol	10	U	880	10	ug/Kg
92-52-4	1,1-Biphenyl	10	U	350	10	ug/Kg
91-58-7	2-Chloronaphthalene	8.5	U	350	8.5	ug/Kg
88-74-4	2-Nitroaniline	16	U	880	16	ug/Kg
131-11-3	Dimethylphthalate	10	U	350	10	ug/Kg
208-96-8	Acenaphthylene	5.1	U	350	5.1	ug/Kg
606-20-2	2,6-Dinitrotoluene	13	U	350	13	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-3(1-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-11**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021423.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	23	U	880	23	ug/Kg
83-32-9	Acenaphthene	7.6	U	350	7.6	ug/Kg
51-28-5	2,4-Dinitrophenol	19	U	880	19	ug/Kg
100-02-7	4-Nitrophenol	21	U	880	21	ug/Kg
132-64-9	Dibenzofuran	11	U	350	11	ug/Kg
121-14-2	2,4-Dinitrotoluene	12	U	350	12	ug/Kg
84-66-2	Diethylphthalate	12	U	350	12	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	13	U	350	13	ug/Kg
86-73-7	Fluorene	9.4	U	350	9.4	ug/Kg
100-01-6	4-Nitroaniline	28	U	880	28	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	880	47	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	350	26	ug/Kg
101-55-3	4-Bromophenyl-phenylether	16	U	350	16	ug/Kg
118-74-1	Hexachlorobenzene	11	U	350	11	ug/Kg
1912-24-9	Atrazine	25	U	350	25	ug/Kg
87-86-5	Pentachlorophenol	40	U	880	40	ug/Kg
85-01-8	Phenanthrene	11	U	350	11	ug/Kg
120-12-7	Anthracene	12	U	350	12	ug/Kg
86-74-8	Carbazole	27	U	350	27	ug/Kg
84-74-2	Di-n-butylphthalate	16	U	350	16	ug/Kg
206-44-0	Fluoranthene	8.5	U	350	8.5	ug/Kg
129-00-0	Pyrene	7.6	U	350	7.6	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	350	22	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	350	26	ug/Kg
56-55-3	Benzo(a)anthracene	8.4	U	350	8.4	ug/Kg
218-01-9	Chrysene	6.5	U	350	6.5	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	13	U	350	13	ug/Kg
117-84-0	Di-n-octyl phthalate	12	U	350	12	ug/Kg
205-99-2	Benzo(b)fluoranthene	25	U	350	25	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	U	350	16	ug/Kg
50-32-8	Benzo(a)pyrene	10	U	350	10	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-3(1-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-11**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021423.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	8.9	U	350	8.9	ug/Kg
53-70-3	Dibenz(a,h)anthracene	26	U	350	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25	U	350	25	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	102.1	68 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	111.2	74 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	66.19	66 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	73.39	73 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	105.56	70 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	75.85	76 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	249608	4.52			
1146-65-2	Naphthalene-d8	1002720	5.70			
15067-26-2	Acenaphthene-d10	560494	7.42			
1517-22-2	Phenanthrene-d10	953535	8.89			
1719-03-5	Chrysene-d12	1091176	11.51			
1520-96-3	Perylene-d12	998211	13.38			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	570	A	3.14		ug/Kg
74685-30-6	5-Eicosene, (E)-	180	JB	11.36		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-4(0.5-1.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-12**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021420.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	12	U	350	12	ug/Kg
108-95-2	Phenol	9.8	U	350	9.8	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4.6	U	350	4.6	ug/Kg
95-57-8	2-Chlorophenol	9.5	U	350	9.5	ug/Kg
95-48-7	2-Methylphenol	9.3	U	350	9.3	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	350	14	ug/Kg
98-86-2	Acetophenone	10	U	350	10	ug/Kg
106-44-5	3+4-Methylphenols	11	U	350	11	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	13	U	350	13	ug/Kg
67-72-1	Hexachloroethane	12	U	350	12	ug/Kg
98-95-3	Nitrobenzene	8.2	U	350	8.2	ug/Kg
78-59-1	Isophorone	12	U	350	12	ug/Kg
88-75-5	2-Nitrophenol	13	U	350	13	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	350	11	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	8.1	U	350	8.1	ug/Kg
120-83-2	2,4-Dichlorophenol	8.3	U	350	8.3	ug/Kg
91-20-3	Naphthalene	8.5	U	350	8.5	ug/Kg
106-47-8	4-Chloroaniline	23	U	350	23	ug/Kg
87-68-3	Hexachlorobutadiene	14	U	350	14	ug/Kg
105-60-2	Caprolactam	42	U	350	42	ug/Kg
59-50-7	4-Chloro-3-methylphenol	10	U	350	10	ug/Kg
91-57-6	2-Methylnaphthalene	9.9	U	350	9.9	ug/Kg
77-47-4	Hexachlorocyclopentadiene	18	U	350	18	ug/Kg
88-06-2	2,4,6-Trichlorophenol	8.2	U	350	8.2	ug/Kg
95-95-4	2,4,5-Trichlorophenol	10	U	880	10	ug/Kg
92-52-4	1,1-Biphenyl	10	U	350	10	ug/Kg
91-58-7	2-Chloronaphthalene	8.5	U	350	8.5	ug/Kg
88-74-4	2-Nitroaniline	16	U	880	16	ug/Kg
131-11-3	Dimethylphthalate	10	U	350	10	ug/Kg
208-96-8	Acenaphthylene	5.1	U	350	5.1	ug/Kg
606-20-2	2,6-Dinitrotoluene	13	U	350	13	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-4(0.5-1.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-12**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021420.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	23	U	880	23	ug/Kg
83-32-9	Acenaphthene	7.6	U	350	7.6	ug/Kg
51-28-5	2,4-Dinitrophenol	19	U	880	19	ug/Kg
100-02-7	4-Nitrophenol	21	U	880	21	ug/Kg
132-64-9	Dibenzofuran	11	U	350	11	ug/Kg
121-14-2	2,4-Dinitrotoluene	12	U	350	12	ug/Kg
84-66-2	Diethylphthalate	12	U	350	12	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	13	U	350	13	ug/Kg
86-73-7	Fluorene	9.5	U	350	9.5	ug/Kg
100-01-6	4-Nitroaniline	28	U	880	28	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	880	48	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	350	26	ug/Kg
101-55-3	4-Bromophenyl-phenylether	16	U	350	16	ug/Kg
118-74-1	Hexachlorobenzene	11	U	350	11	ug/Kg
1912-24-9	Atrazine	25	U	350	25	ug/Kg
87-86-5	Pentachlorophenol	40	U	880	40	ug/Kg
85-01-8	Phenanthrene	11	U	350	11	ug/Kg
120-12-7	Anthracene	12	U	350	12	ug/Kg
86-74-8	Carbazole	27	U	350	27	ug/Kg
84-74-2	Di-n-butylphthalate	17	U	350	17	ug/Kg
206-44-0	Fluoranthene	8.5	U	350	8.5	ug/Kg
129-00-0	Pyrene	7.7	U	350	7.7	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	350	22	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	350	27	ug/Kg
56-55-3	Benzo(a)anthracene	8.5	U	350	8.5	ug/Kg
218-01-9	Chrysene	6.5	U	350	6.5	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	13	U	350	13	ug/Kg
117-84-0	Di-n-octyl phthalate	12	U	350	12	ug/Kg
205-99-2	Benzo(b)fluoranthene	25	U	350	25	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	U	350	16	ug/Kg
50-32-8	Benzo(a)pyrene	10	U	350	10	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-4(0.5-1.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-12**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021420.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	8.9	U	350	8.9	ug/Kg
53-70-3	Dibenz(a,h)anthracene	26	U	350	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25	U	350	25	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	115.66	77 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	126.07	84 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	74.86	75 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	80.2	80 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	118	79 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	78.34	78 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	259831	4.52			
1146-65-2	Naphthalene-d8	1021320	5.70			
15067-26-2	Acenaphthene-d10	565699	7.42			
1517-22-2	Phenanthrene-d10	964580	8.89			
1719-03-5	Chrysene-d12	1119526	11.51			
1520-96-3	Perylene-d12	1025231	13.38			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	490	A	3.14		ug/Kg
74685-30-6	5-Eicosene, (E)-	190	JB	11.36		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-5(2-3)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-13**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**9**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021421.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	12	U	360	12	ug/Kg
108-95-2	Phenol	10	U	360	10	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4.7	U	360	4.7	ug/Kg
95-57-8	2-Chlorophenol	9.8	U	360	9.8	ug/Kg
95-48-7	2-Methylphenol	9.6	U	360	9.6	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	15	U	360	15	ug/Kg
98-86-2	Acetophenone	11	U	360	11	ug/Kg
106-44-5	3+4-Methylphenols	11	U	360	11	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	13	U	360	13	ug/Kg
67-72-1	Hexachloroethane	12	U	360	12	ug/Kg
98-95-3	Nitrobenzene	8.5	U	360	8.5	ug/Kg
78-59-1	Isophorone	12	U	360	12	ug/Kg
88-75-5	2-Nitrophenol	13	U	360	13	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	360	11	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	8.3	U	360	8.3	ug/Kg
120-83-2	2,4-Dichlorophenol	8.6	U	360	8.6	ug/Kg
91-20-3	Naphthalene	8.7	U	360	8.7	ug/Kg
106-47-8	4-Chloroaniline	24	U	360	24	ug/Kg
87-68-3	Hexachlorobutadiene	15	U	360	15	ug/Kg
105-60-2	Caprolactam	43	U	360	43	ug/Kg
59-50-7	4-Chloro-3-methylphenol	11	U	360	11	ug/Kg
91-57-6	2-Methylnaphthalene	10	U	360	10	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	360	19	ug/Kg
88-06-2	2,4,6-Trichlorophenol	8.4	U	360	8.4	ug/Kg
95-95-4	2,4,5-Trichlorophenol	11	U	910	11	ug/Kg
92-52-4	1,1-Biphenyl	11	U	360	11	ug/Kg
91-58-7	2-Chloronaphthalene	8.8	U	360	8.8	ug/Kg
88-74-4	2-Nitroaniline	17	U	910	17	ug/Kg
131-11-3	Dimethylphthalate	11	U	360	11	ug/Kg
208-96-8	Acenaphthylene	5.3	U	360	5.3	ug/Kg
606-20-2	2,6-Dinitrotoluene	13	U	360	13	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie	**Date Collected:**	7/11/2008
Project:	Taylor Site Pottstown	**Date Received:**	7/12/2008
Client Sample ID:	REC2-SB-5(2-3)	**SDG No.:**	Z3664
Lab Sample ID:	Z3664-13	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021421.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	24	U	910	24	ug/Kg
83-32-9	Acenaphthene	7.8	U	360	7.8	ug/Kg
51-28-5	2,4-Dinitrophenol	19	U	910	19	ug/Kg
100-02-7	4-Nitrophenol	21	U	910	21	ug/Kg
132-64-9	Dibenzofuran	11	U	360	11	ug/Kg
121-14-2	2,4-Dinitrotoluene	12	U	360	12	ug/Kg
84-66-2	Diethylphthalate	12	U	360	12	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	14	U	360	14	ug/Kg
86-73-7	Fluorene	9.7	U	360	9.7	ug/Kg
100-01-6	4-Nitroaniline	28	U	910	28	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	910	49	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	360	27	ug/Kg
101-55-3	4-Bromophenyl-phenylether	16	U	360	16	ug/Kg
118-74-1	Hexachlorobenzene	11	U	360	11	ug/Kg
1912-24-9	Atrazine	26	U	360	26	ug/Kg
87-86-5	Pentachlorophenol	41	U	910	41	ug/Kg
85-01-8	Phenanthrene	11	U	360	11	ug/Kg
120-12-7	Anthracene	12	U	360	12	ug/Kg
86-74-8	Carbazole	28	U	360	28	ug/Kg
84-74-2	Di-n-butylphthalate	17	U	360	17	ug/Kg
206-44-0	Fluoranthene	8.8	U	360	8.8	ug/Kg
129-00-0	Pyrene	7.9	U	360	7.9	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	360	23	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	360	27	ug/Kg
56-55-3	Benzo(a)anthracene	8.7	U	360	8.7	ug/Kg
218-01-9	Chrysene	6.7	U	360	6.7	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	14	U	360	14	ug/Kg
117-84-0	Di-n-octyl phthalate	13	U	360	13	ug/Kg
205-99-2	Benzo(b)fluoranthene	26	U	360	26	ug/Kg
207-08-9	Benzo(k)fluoranthene	17	U	360	17	ug/Kg
50-32-8	Benzo(a)pyrene	11	U	360	11	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-5(2-3)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-13**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**9**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021421.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	9.2	U	360	9.2	ug/Kg
53-70-3	Dibenz(a,h)anthracene	27	U	360	27	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	360	26	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	114.93	77 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	127.56	85 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	75.35	75 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	82.2	82 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	132.75	89 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	80.68	81 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	248284	4.52			
1146-65-2	Naphthalene-d8	971451	5.70			
15067-26-2	Acenaphthene-d10	539417	7.42			
1517-22-2	Phenanthrene-d10	917799	8.89			
1719-03-5	Chrysene-d12	1048168	11.51			
1520-96-3	Perylene-d12	945501	13.38			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	500	A	3.14		ug/Kg
74685-30-6	5-Eicosene, (E)-	150	JB	11.36		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-1(3-3.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-14**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021430.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	12	U	350	12	ug/Kg
108-95-2	Phenol	9.8	U	350	9.8	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4.6	U	350	4.6	ug/Kg
95-57-8	2-Chlorophenol	9.5	U	350	9.5	ug/Kg
95-48-7	2-Methylphenol	9.3	U	350	9.3	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	350	14	ug/Kg
98-86-2	Acetophenone	10	U	350	10	ug/Kg
106-44-5	3+4-Methylphenols	11	U	350	11	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	13	U	350	13	ug/Kg
67-72-1	Hexachloroethane	11	U	350	11	ug/Kg
98-95-3	Nitrobenzene	8.2	U	350	8.2	ug/Kg
78-59-1	Isophorone	11	U	350	11	ug/Kg
88-75-5	2-Nitrophenol	13	U	350	13	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	350	10	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	8.1	U	350	8.1	ug/Kg
120-83-2	2,4-Dichlorophenol	8.3	U	350	8.3	ug/Kg
91-20-3	Naphthalene	8.5	U	350	8.5	ug/Kg
106-47-8	4-Chloroaniline	23	U	350	23	ug/Kg
87-68-3	Hexachlorobutadiene	14	U	350	14	ug/Kg
105-60-2	Caprolactam	42	U	350	42	ug/Kg
59-50-7	4-Chloro-3-methylphenol	10	U	350	10	ug/Kg
91-57-6	2-Methylnaphthalene	9.9	U	350	9.9	ug/Kg
77-47-4	Hexachlorocyclopentadiene	18	U	350	18	ug/Kg
88-06-2	2,4,6-Trichlorophenol	8.2	U	350	8.2	ug/Kg
95-95-4	2,4,5-Trichlorophenol	10	U	880	10	ug/Kg
92-52-4	1,1-Biphenyl	10	U	350	10	ug/Kg
91-58-7	2-Chloronaphthalene	8.5	U	350	8.5	ug/Kg
88-74-4	2-Nitroaniline	16	U	880	16	ug/Kg
131-11-3	Dimethylphthalate	10	U	350	10	ug/Kg
208-96-8	Acenaphthylene	5.1	U	350	5.1	ug/Kg
606-20-2	2,6-Dinitrotoluene	13	U	350	13	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-1(3-3.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-14**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021430.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	23	U	880	23	ug/Kg
83-32-9	Acenaphthene	7.6	U	350	7.6	ug/Kg
51-28-5	2,4-Dinitrophenol	19	U	880	19	ug/Kg
100-02-7	4-Nitrophenol	21	U	880	21	ug/Kg
132-64-9	Dibenzofuran	11	U	350	11	ug/Kg
121-14-2	2,4-Dinitrotoluene	12	U	350	12	ug/Kg
84-66-2	Diethylphthalate	12	U	350	12	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	13	U	350	13	ug/Kg
86-73-7	Fluorene	9.4	U	350	9.4	ug/Kg
100-01-6	4-Nitroaniline	28	U	880	28	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	880	47	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	350	26	ug/Kg
101-55-3	4-Bromophenyl-phenylether	16	U	350	16	ug/Kg
118-74-1	Hexachlorobenzene	11	U	350	11	ug/Kg
1912-24-9	Atrazine	25	U	350	25	ug/Kg
87-86-5	Pentachlorophenol	40	U	880	40	ug/Kg
85-01-8	Phenanthrene	52	J	350	11	ug/Kg
120-12-7	Anthracene	12	U	350	12	ug/Kg
86-74-8	Carbazole	27	U	350	27	ug/Kg
84-74-2	Di-n-butylphthalate	16	U	350	16	ug/Kg
206-44-0	Fluoranthene	64	J	350	8.5	ug/Kg
129-00-0	Pyrene	50	J	350	7.7	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	350	22	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	350	26	ug/Kg
56-55-3	Benzo(a)anthracene	8.5	U	350	8.5	ug/Kg
218-01-9	Chrysene	6.5	U	350	6.5	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	13	U	350	13	ug/Kg
117-84-0	Di-n-octyl phthalate	12	U	350	12	ug/Kg
205-99-2	Benzo(b)fluoranthene	25	U	350	25	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	U	350	16	ug/Kg
50-32-8	Benzo(a)pyrene	10	U	350	10	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-1(3-3.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-14**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021430.D	1	7/16/2008	7/24/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	8.9	U	350	8.9	ug/Kg
53-70-3	Dibenz(a,h)anthracene	26	U	350	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25	U	350	25	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	118.69	79 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	128.57	86 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	76.81	77 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	85.37	85 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	130.91	87 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	85.03	85 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	260838	4.52			
1146-65-2	Naphthalene-d8	1028284	5.70			
15067-26-2	Acenaphthene-d10	569021	7.42			
1517-22-2	Phenanthrene-d10	953170	8.89			
1719-03-5	Chrysene-d12	1081277	11.51			
1520-96-3	Perylene-d12	999655	13.38			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	520	A	3.14		ug/Kg
74685-30-6	5-Eicosene, (E)-	300	JB	11.36		ug/Kg
104255-84-7	Docosanoic acid, tert-butyldimethy	100	J	12.06		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-2(5.5-6.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-15**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**21**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021424.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	14	U	420	14	ug/Kg
108-95-2	Phenol	12	U	420	12	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5.5	U	420	5.5	ug/Kg
95-57-8	2-Chlorophenol	11	U	420	11	ug/Kg
95-48-7	2-Methylphenol	11	U	420	11	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	17	U	420	17	ug/Kg
98-86-2	Acetophenone	12	U	420	12	ug/Kg
106-44-5	3+4-Methylphenols	13	U	420	13	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	15	U	420	15	ug/Kg
67-72-1	Hexachloroethane	14	U	420	14	ug/Kg
98-95-3	Nitrobenzene	9.8	U	420	9.8	ug/Kg
78-59-1	Isophorone	14	U	420	14	ug/Kg
88-75-5	2-Nitrophenol	15	U	420	15	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	420	12	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	9.6	U	420	9.6	ug/Kg
120-83-2	2,4-Dichlorophenol	9.9	U	420	9.9	ug/Kg
91-20-3	Naphthalene	10	U	420	10	ug/Kg
106-47-8	4-Chloroaniline	28	U	420	28	ug/Kg
87-68-3	Hexachlorobutadiene	17	U	420	17	ug/Kg
105-60-2	Caprolactam	50	U	420	50	ug/Kg
59-50-7	4-Chloro-3-methylphenol	12	U	420	12	ug/Kg
91-57-6	2-Methylnaphthalene	12	U	420	12	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	420	21	ug/Kg
88-06-2	2,4,6-Trichlorophenol	9.7	U	420	9.7	ug/Kg
95-95-4	2,4,5-Trichlorophenol	12	U	1000	12	ug/Kg
92-52-4	1,1-Biphenyl	12	U	420	12	ug/Kg
91-58-7	2-Chloronaphthalene	10	U	420	10	ug/Kg
88-74-4	2-Nitroaniline	20	U	1000	20	ug/Kg
131-11-3	Dimethylphthalate	12	U	420	12	ug/Kg
208-96-8	Acenaphthylene	6.1	U	420	6.1	ug/Kg
606-20-2	2,6-Dinitrotoluene	15	U	420	15	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-3(6-7)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-17**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**14**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021418.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	9.7	U	380	9.7	ug/Kg
53-70-3	Dibenz(a,h)anthracene	28	U	380	28	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	380	28	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	117.4	78 %	23 - 104		SPK: 15
13127-88-3	Phenol-d5	128.65	86 %	29 - 104		SPK: 15
4165-60-0	Nitrobenzene-d5	72.8	73 %	28 - 110		SPK: 10
321-60-8	2-Fluorobiphenyl	79.74	80 %	32 - 109		SPK: 10
118-79-6	2,4,6-Tribromophenol	124.91	83 %	24 - 112		SPK: 15
1718-51-0	Terphenyl-d14	81.68	82 %	30 - 150		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	245483	4.52			
1146-65-2	Naphthalene-d8	956605	5.70			
15067-26-2	Acenaphthene-d10	533227	7.42			
1517-22-2	Phenanthrene-d10	913532	8.89			
1719-03-5	Chrysene-d12	1048250	11.51			
1520-96-3	Perylene-d12	949160	13.38			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.14	550	A	3.14		ug/Kg
74685-30-6	5-Eicosene, (E)-	160	JB	11.36		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-2(5.5-6.5)DUP**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-24**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**21**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF021419.D	1	7/16/2008	7/23/2008	BF072208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	14	U	420	14	ug/Kg
108-95-2	Phenol	12	U	420	12	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5.5	U	420	5.5	ug/Kg
95-57-8	2-Chlorophenol	11	U	420	11	ug/Kg
95-48-7	2-Methylphenol	11	U	420	11	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	17	U	420	17	ug/Kg
98-86-2	Acetophenone	12	U	420	12	ug/Kg
106-44-5	3+4-Methylphenols	13	U	420	13	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	15	U	420	15	ug/Kg
67-72-1	Hexachloroethane	14	U	420	14	ug/Kg
98-95-3	Nitrobenzene	9.8	U	420	9.8	ug/Kg
78-59-1	Isophorone	14	U	420	14	ug/Kg
88-75-5	2-Nitrophenol	15	U	420	15	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	420	12	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	9.6	U	420	9.6	ug/Kg
120-83-2	2,4-Dichlorophenol	9.9	U	420	9.9	ug/Kg
91-20-3	Naphthalene	10	U	420	10	ug/Kg
106-47-8	4-Chloroaniline	27	U	420	27	ug/Kg
87-68-3	Hexachlorobutadiene	17	U	420	17	ug/Kg
105-60-2	Caprolactam	50	U	420	50	ug/Kg
59-50-7	4-Chloro-3-methylphenol	12	U	420	12	ug/Kg
91-57-6	2-Methylnaphthalene	12	U	420	12	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	420	21	ug/Kg
88-06-2	2,4,6-Trichlorophenol	9.7	U	420	9.7	ug/Kg
95-95-4	2,4,5-Trichlorophenol	12	U	1000	12	ug/Kg
92-52-4	1,1-Biphenyl	12	U	420	12	ug/Kg
91-58-7	2-Chloronaphthalene	10	U	420	10	ug/Kg
88-74-4	2-Nitroaniline	20	U	1000	20	ug/Kg
131-11-3	Dimethylphthalate	12	U	420	12	ug/Kg
208-96-8	Acenaphthylene	6.1	U	420	6.1	ug/Kg
606-20-2	2,6-Dinitrotoluene	15	U	420	15	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Hit Summary Report

SDG No.: Z3664
Client: Malcolm Pirnie
Test: SVOC-TCL BNA -20

Order ID: Z3664
Project ID: Taylor Site Pottstown

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-BASE1**							
Z3664-01	REC2-BASE1	SOIL	ACP3.14	* 1200	A	0	0	ug/Kg
Z3664-01	REC2-BASE1	SOIL	5-Eicosene, (E)-	* 480	JB	0	0	ug/Kg
Z3664-01	REC2-BASE1	SOIL	unknown15.11	* 140	J	0	0	ug/Kg
			Total SVOC's:	0.00				
			Total TIC's:	1820.00				
			Total SVOC's and TIC's:	1820.00				
Client ID:	**REC2-BASE2**							
Z3664-02	REC2-BASE2	SOIL	ACP3.14	* 820	A	0	0	ug/Kg
Z3664-02	REC2-BASE2	SOIL	Dodecanoic acid	* 110	J	0	0	ug/Kg
Z3664-02	REC2-BASE2	SOIL	n-Hexadecanoic acid	* 310	J	0	0	ug/Kg
Z3664-02	REC2-BASE2	SOIL	1-Eicosene	* 290	J	0	0	ug/Kg
			Total SVOC's:	0.00				
			Total TIC's:	1530.00				
			Total SVOC's and TIC's:	1530.00				
Client ID:	**REC2-BASE3**							
Z3664-03	REC2-BASE3	SOIL	Caprolactam	200	J	390	47	ug/Kg
Z3664-03	REC2-BASE3	SOIL	ACP3.14	* 820	A	0	0	ug/Kg
Z3664-03	REC2-BASE3	SOIL	1-Heneicosyl formate	* 320	J	0	0	ug/Kg
			Total SVOC's:	200.00				
			Total TIC's:	1140.00				
			Total SVOC's and TIC's:	1340.00				
Client ID:	**REC2-BASE4**							
Z3664-04	REC2-BASE4	SOIL	ACP3.14	* 390	A	0	0	ug/Kg
Z3664-04	REC2-BASE4	SOIL	Phenanthrene, 3-methyl-	* 260	J	0	0	ug/Kg
Z3664-04	REC2-BASE4	SOIL	Phenanthrene, 1-methyl-	* 270	J	0	0	ug/Kg
Z3664-04	REC2-BASE4	SOIL	Phenanthrene, 2,5-dimethyl-	* 380	J	0	0	ug/Kg
			Total SVOC's:	0.00				
			Total TIC's:	1300.00				
			Total SVOC's and TIC's:	1300.00				
Client ID:	**REC2-BASE5**							
Z3664-05	REC2-BASE5	SOIL	ACP3.14	* 310	A	0	0	ug/Kg
Z3664-05	REC2-BASE5	SOIL	1-Heneicosyl formate	* 260	J	0	0	ug/Kg
			Total SVOC's:	0.00				
			Total TIC's:	570.00				
			Total SVOC's and TIC's:	570.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Hit Summary Report

SDG No.: Z3664 **Order ID:** Z3664

Client: Malcolm Pirnie **Project ID:** Taylor Site Pottstown

Test: SVOC-TCL BNA -20

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-BASE6**							
Z3664-06	REC2-BASE6	SOIL	ACP3.14	* 560	A	0	0	ug/Kg
Z3664-06	REC2-BASE6	SOIL	n-Hexadecanoic acid	* 94	J	0	0	ug/Kg
Z3664-06	REC2-BASE6	SOIL	1-Docosene	* 240	J	0	0	ug/Kg
		Total SVOC's:		0.00				
		Total TIC's:		894.00				
		Total SVOC's and TIC's:		894.00				
Client ID:	**REC2-SB-1(0-1)**							
Z3664-09	REC2-SB-1(0-1)	SOIL	Phenanthrene	79	J	350	11	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Fluoranthene	280	J	350	8.4	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Pyrene	210	J	350	7.6	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Benzo(a)anthracene	130	J	350	8.4	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Chrysene	140	J	350	6.5	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Benzo(b)fluoranthene	160	J	350	25	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Benzo(k)fluoranthene	62	J	350	16	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Benzo(a)pyrene	100	J	350	10	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Indeno(1,2,3-cd)pyrene	69	J	350	8.8	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Benzo(g,h,i)perylene	63	J	350	25	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	ACP3.14	* 480	A	0	0	ug/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	5-Eicosene, (E)-	* 180	JB	0	0	ug/Kg
		Total SVOC's:		1293.00				
		Total TIC's:		660.00				
		Total SVOC's and TIC's:		1953.00				
Client ID:	**REC2-SB-2(1-2)**							
Z3664-10	REC2-SB-2(1-2)	SOIL	Phenanthrene	75	J	360	11	ug/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Fluoranthene	190	J	360	8.7	ug/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Pyrene	150	J	360	7.8	ug/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Benzo(a)anthracene	88	J	360	8.6	ug/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Chrysene	92	J	360	6.7	ug/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Benzo(b)fluoranthene	100	J	360	26	ug/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Benzo(a)pyrene	65	J	360	11	ug/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Indeno(1,2,3-cd)pyrene	39	J	360	9.1	ug/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Benzo(g,h,i)perylene	40	J	360	26	ug/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	ACP3.13	* 470	A	0	0	ug/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	5-Eicosene, (E)-	* 120	JB	0	0	ug/Kg
		Total SVOC's:		839.00				
		Total TIC's:		590.00				
		Total SVOC's and TIC's:		1429.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Hit Summary Report

SDG No.:	**Z3664**	**Order ID:**	**Z3664**
Client:	**Malcolm Pirnie**	**Project ID:**	**Taylor Site Pottstown**
Test:	**SVOC-TCL BNA -20**		

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-SB-3(1-2)**							
Z3664-11	REC2-SB-3(1-2)	SOIL	ACP3.14	* 570	A	0	0	ug/Kg
Z3664-11	REC2-SB-3(1-2)	SOIL	5-Eicosene, (E)-	* 180	JB	0	0	ug/Kg
		Total SVOC's:		0.00				
		Total TIC's:		750.00				
		Total SVOC's and TIC's:		750.00				
Client ID:	**REC2-SB-4(0.5-1.5)**							
Z3664-12	REC2-SB-4(0.5-1.5)	SOIL	ACP3.14	* 490	A	0	0	ug/Kg
Z3664-12	REC2-SB-4(0.5-1.5)	SOIL	5-Eicosene, (E)-	* 190	JB	0	0	ug/Kg
		Total SVOC's:		0.00				
		Total TIC's:		680.00				
		Total SVOC's and TIC's:		680.00				
Client ID:	**REC2-SB-5(2-3)**							
Z3664-13	REC2-SB-5(2-3)	SOIL	ACP3.14	* 500	A	0	0	ug/Kg
Z3664-13	REC2-SB-5(2-3)	SOIL	5-Eicosene, (E)-	* 150	JB	0	0	ug/Kg
		Total SVOC's:		0.00				
		Total TIC's:		650.00				
		Total SVOC's and TIC's:		650.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Hit Summary Report

SDG No.: Z3664 **Order ID:** Z3664

Client: Malcolm Pirnie **Project ID:** Taylor Site Pottstown

Test: SVOC-TCL BNA -20

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-TRENCH1**							
Z3664-07	REC2-TRENCH1	SOIL	Acenaphthylene	19000	J	90000	1300	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Acenaphthene	11000	J	90000	2000	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Fluorene	14000	J	90000	2400	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Phenanthrene	230000		90000	2800	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Anthracene	59000	J	90000	3000	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Carbazole	38000	J	90000	6900	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Fluoranthene	540000		90000	2200	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Pyrene	430000		90000	2000	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Benzo(a)anthracene	280000		90000	2200	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Chrysene	270000		90000	1700	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Benzo(b)fluoranthene	330000		90000	6500	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Benzo(k)fluoranthene	120000		90000	4100	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Benzo(a)pyrene	230000		90000	2700	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Indeno(1,2,3-cd)pyrene	160000		90000	2300	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Dibenz(a,h)anthracene	43000	J	90000	6600	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Benzo(g,h,i)perylene	150000		90000	6500	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	9H-Fluoren-9-one	* 24000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Phenanthrene, 2-methyl-	* 52000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Phenanthrene, 1-methyl-	* 68000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	1H-Cyclopropa[l]phenanthren	* 28000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	4H-Cyclopenta[def]phenanthr	* 91000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	2-Phenylnaphthalene	* 39000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	9,10-Anthracenedione	* 36000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Phenanthrene, 2,5-dimethyl-	* 46000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	unknown9.97	* 28000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Cyclopenta(def)phenanthreno	* 54000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Indeno(1,2,3-ij)isoquinoline	* 29000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Pyrene, 1-methyl-	* 24000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Fluoranthene, 2-methyl-	* 26000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	11H-Benzo[a]fluoren-11-one	* 30000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	7H-Benz[de]anthracen-7-one	* 26000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Unknown11.36	* 28000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Chrysene, 1-methyl-	* 24000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Benzo[a]pyrene, 4,5-dihydro-	* 33000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Benzo[e]pyrene	* 52000	J	0	0	ug/Kg
Z3664-07	REC2-TRENCH1	SOIL	Perylene	* 190000	J	0	0	ug/Kg

Total SVOC's:	2924000.00
Total TIC's:	928000.00
Total SVOC's and TIC's:	3852000.00

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Hit Summary Report

SDG No.: Z3664 **Order ID:** Z3664

Client: Malcolm Pirnie **Project ID:** Taylor Site Pottstown

Test: SVOC-TCL BNA -20

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-TRENCH2**							
Z3664-08	REC2-TRENCH2	SOIL	Acenaphthylene	2800	J	10000	150	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Fluorene	1200	J	10000	270	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Phenanthrene	24000		10000	320	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Anthracene	6100	J	10000	340	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Carbazole	3500	J	10000	780	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Pyrene	56000		10000	220	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Benzo(a)anthracene	36000		10000	240	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Chrysene	36000		10000	190	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Benzo(b)fluoranthene	43000		10000	730	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Benzo(k)fluoranthene	16000		10000	470	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Benzo(a)pyrene	29000		10000	300	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Indeno(1,2,3-cd)pyrene	22000		10000	260	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Dibenz(a,h)anthracene	5900	J	10000	750	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Benzo(g,h,i)perylene	19000		10000	740	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	ACP3.14	* 6900	A	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Phenanthrene, 2-methyl-	* 6200	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Phenanthrene, 1-methyl-	* 8400	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Anthracene, 1-methyl-	* 3100	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	4H-Cyclopenta[def]phenanthr	* 11000	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Anthracene, 9-methyl-	* 2900	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	2-Phenylnaphthalene	* 4800	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	9,10-Anthracenedione	* 4900	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Phenanthrene, 2,5-dimethyl-	* 5400	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	unknown9.97	* 2800	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Cyclopenta(def)phenanthreno	* 6900	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	9-Anthracenecarbonitrile	* 4000	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Pyrene, 1-methyl-	* 3100	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	11H-Benzo[b]fluorene	* 2700	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Unknown10.75	* 2900	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	11H-Benzo[a]fluoren-11-one	* 3700	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	7H-Benz[de]anthracen-7-one	* 3300	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Unknown11.36	* 5300	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Benz[e]acephenanthrylene	* 5700	J	0	0	ug/Kg
Z3664-08	REC2-TRENCH2	SOIL	Benzo[e]pyrene	* 25000	J	0	0	ug/Kg

Total SVOC's:	300500.00
Total TIC's:	119000.00
Total SVOC's and TIC's:	419500.00

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: Z3664 **Order ID:** Z3664

Client: Malcolm Pirnie **Project ID:** Taylor Site Pottstown

Test: SVOC-TCL BNA -20

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-TRENCH2DL**							
Z3664-08DL	REC2-TRENCH2DL	SOIL	Acenaphthylene	2100	JD	20000	300	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Phenanthrene	23000	D	20000	630	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Anthracene	4900	JD	20000	680	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Carbazole	3100	JD	20000	1600	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Fluoranthene	68000	D	20000	490	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Pyrene	55000	D	20000	440	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Benzo(a)anthracene	34000	D	20000	490	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Chrysene	34000	D	20000	380	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Benzo(b)fluoranthene	43000	D	20000	1500	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Benzo(k)fluoranthene	13000	JD	20000	930	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Benzo(a)pyrene	27000	D	20000	600	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Indeno(1,2,3-cd)pyrene	19000	JD	20000	510	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Dibenz(a,h)anthracene	4600	JD	20000	1500	ug/Kg
Z3664-08DL	REC2-TRENCH2DL	SOIL	Benzo(g,h,i)perylene	17000	JD	20000	1500	ug/Kg
			Total SVOC's:	347700.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	347700.00				
Client ID:	**REC5-SB-1(3-3.5)**							
Z3664-14	REC5-SB-1(3-3.5)	SOIL	Phenanthrene	52	J	350	11	ug/Kg
Z3664-14	REC5-SB-1(3-3.5)	SOIL	Fluoranthene	64	J	350	8.5	ug/Kg
Z3664-14	REC5-SB-1(3-3.5)	SOIL	Pyrene	50	J	350	7.7	ug/Kg
Z3664-14	REC5-SB-1(3-3.5)	SOIL	ACP3.14	* 520	A	0	0	ug/Kg
Z3664-14	REC5-SB-1(3-3.5)	SOIL	5-Eicosene, (E)-	* 300	JB	0	0	ug/Kg
Z3664-14	REC5-SB-1(3-3.5)	SOIL	Docosanoic acid, tert-butyld	* 100	J	0	0	ug/Kg
			Total SVOC's:	166.00				
			Total TIC's:	920.00				
			Total SVOC's and TIC's:	1086.00				
Client ID:	**REC5-SB-2(5.5-6.5)**							
Z3664-15	REC5-SB-2(5.5-6.5)	SOIL	ACP3.14	* 560	A	0	0	ug/Kg
Z3664-15	REC5-SB-2(5.5-6.5)	SOIL	5-Eicosene, (E)-	* 190	JB	0	0	ug/Kg
			Total SVOC's:	0.00				
			Total TIC's:	750.00				
			Total SVOC's and TIC's:	750.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Hit Summary Report

SDG No.:	Z3664	Order ID:	Z3664
Client:	Malcolm Pirnie	Project ID:	Taylor Site Pottstown
Test:	SVOC-TCL BNA -20		

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC5-SB-2(5.5-6.5)DUP**							
Z3664-24	REC5-SB-2(5.5-6.5)	SOIL	ACP3.14	* 650	A	0	0	ug/Kg
Z3664-24	REC5-SB-2(5.5-6.5)	SOIL	3-Eicosene, (E)-	* 200	J	0	0	ug/Kg
		Total SVOC's:		0.00				
		Total TIC's:		850.00				
		Total SVOC's and TIC's:		850.00				
Client ID:	**REC5-SB-3(6-7)**							
Z3664-17	REC5-SB-3(6-7)	SOIL	ACP3.14	* 550	A	0	0	ug/Kg
Z3664-17	REC5-SB-3(6-7)	SOIL	5-Eicosene, (E)-	* 160	JB	0	0	ug/Kg
		Total SVOC's:		0.00				
		Total TIC's:		710.00				
		Total SVOC's and TIC's:		710.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-01**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**21**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021016.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.7	U	21	4.7	ug/Kg
11104-28-2	AROCLOR 1221	5.8	U	21	5.8	ug/Kg
11141-16-5	AROCLOR 1232	6.0	U	21	6.0	ug/Kg
53469-21-9	AROCLOR 1242	2.7	U	21	2.7	ug/Kg
12672-29-6	AROCLOR 1248	5.8	U	21	5.8	ug/Kg
11097-69-1	AROCLOR 1254	5.9	U	21	5.9	ug/Kg
11096-82-5	AROCLOR 1260	4.7	U	21	4.7	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	8.08	40 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	14.4	72 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-02**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**39**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021017.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	6.1	U	28	6.1	ug/Kg
11104-28-2	AROCLOR 1221	7.5	U	28	7.5	ug/Kg
11141-16-5	AROCLOR 1232	7.8	U	28	7.8	ug/Kg
53469-21-9	AROCLOR 1242	3.4	U	28	3.4	ug/Kg
12672-29-6	AROCLOR 1248	7.6	U	28	7.6	ug/Kg
11097-69-1	AROCLOR 1254	7.7	U	28	7.7	ug/Kg
11096-82-5	AROCLOR 1260	6.1	U	28	6.1	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.77	69 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	12.25	61 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE3**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-03**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**16**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021018.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.4	U	20	4.4	ug/Kg
11104-28-2	AROCLOR 1221	5.4	U	20	5.4	ug/Kg
11141-16-5	AROCLOR 1232	5.7	U	20	5.7	ug/Kg
53469-21-9	AROCLOR 1242	2.5	U	20	2.5	ug/Kg
12672-29-6	AROCLOR 1248	5.5	U	20	5.5	ug/Kg
11097-69-1	AROCLOR 1254	5.5	U	20	5.5	ug/Kg
11096-82-5	AROCLOR 1260	4.4	U	20	4.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	9.31	47 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	10.53	53 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE4**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-04**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**17**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021019.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.5	U	20	4.5	ug/Kg
11104-28-2	AROCLOR 1221	5.5	U	20	5.5	ug/Kg
11141-16-5	AROCLOR 1232	5.7	U	20	5.7	ug/Kg
53469-21-9	AROCLOR 1242	2.5	U	20	2.5	ug/Kg
12672-29-6	AROCLOR 1248	5.5	U	20	5.5	ug/Kg
11097-69-1	AROCLOR 1254	5.6	U	20	5.6	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	20	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.51	68 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	15.88	79 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE5**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-05**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**15**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021020.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.4	U	20	4.4	ug/Kg
11104-28-2	AROCLOR 1221	5.4	U	20	5.4	ug/Kg
11141-16-5	AROCLOR 1232	5.6	U	20	5.6	ug/Kg
53469-21-9	AROCLOR 1242	2.5	U	20	2.5	ug/Kg
12672-29-6	AROCLOR 1248	5.4	U	20	5.4	ug/Kg
11097-69-1	AROCLOR 1254	5.5	U	20	5.5	ug/Kg
11096-82-5	AROCLOR 1260	4.4	U	20	4.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.62	68 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	14.35	72 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE6**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-06**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**16**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021021.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.5	U	20	4.5	ug/Kg
11104-28-2	AROCLOR 1221	5.4	U	20	5.4	ug/Kg
11141-16-5	AROCLOR 1232	5.7	U	20	5.7	ug/Kg
53469-21-9	AROCLOR 1242	2.5	U	20	2.5	ug/Kg
12672-29-6	AROCLOR 1248	5.5	U	20	5.5	ug/Kg
11097-69-1	AROCLOR 1254	5.6	U	20	5.6	ug/Kg
11096-82-5	AROCLOR 1260	4.4	U	20	4.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.56	68 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	15.24	76 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-07**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**29**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021022.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	5.3	U	24	5.3	ug/Kg
11104-28-2	AROCLOR 1221	6.4	U	24	6.4	ug/Kg
11141-16-5	AROCLOR 1232	6.7	U	24	6.7	ug/Kg
53469-21-9	AROCLOR 1242	2.9	U	24	2.9	ug/Kg
12672-29-6	AROCLOR 1248	6.5	U	24	6.5	ug/Kg
11097-69-1	AROCLOR 1254	6.6	U	24	6.6	ug/Kg
11096-82-5	AROCLOR 1260	5.2	U	24	5.2	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.6	113 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	25.8	129 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**38**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021023.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	6.0	U	27	6.0	ug/Kg
11104-28-2	AROCLOR 1221	7.3	U	27	7.3	ug/Kg
11141-16-5	AROCLOR 1232	7.7	U	27	7.7	ug/Kg
53469-21-9	AROCLOR 1242	3.4	U	27	3.4	ug/Kg
12672-29-6	AROCLOR 1248	7.4	U	27	7.4	ug/Kg
11097-69-1	AROCLOR 1254	7.5	U	27	7.5	ug/Kg
11096-82-5	AROCLOR 1260	6.0	U	27	6.0	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.67	83 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	17.16	86 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-1(0-1)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-09**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**5**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021024.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.9	U	18	3.9	ug/Kg
11104-28-2	AROCLOR 1221	4.8	U	18	4.8	ug/Kg
11141-16-5	AROCLOR 1232	5.0	U	18	5.0	ug/Kg
53469-21-9	AROCLOR 1242	2.2	U	18	2.2	ug/Kg
12672-29-6	AROCLOR 1248	4.8	U	18	4.8	ug/Kg
11097-69-1	AROCLOR 1254	4.9	U	18	4.9	ug/Kg
11096-82-5	AROCLOR 1260	3.9	U	18	3.9	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.71	79 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	16.72	84 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-2(1-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-10**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**8**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021025.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.0	U	18	4.0	ug/Kg
11104-28-2	AROCLOR 1221	4.9	U	18	4.9	ug/Kg
11141-16-5	AROCLOR 1232	5.2	U	18	5.2	ug/Kg
53469-21-9	AROCLOR 1242	2.3	U	18	2.3	ug/Kg
12672-29-6	AROCLOR 1248	5.0	U	18	5.0	ug/Kg
11097-69-1	AROCLOR 1254	5.1	U	18	5.1	ug/Kg
11096-82-5	AROCLOR 1260	4.0	U	18	4.0	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.19	81 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	13.25	66 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-3(1-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-11**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**6**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021026.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.0	U	18	4.0	ug/Kg
11104-28-2	AROCLOR 1221	4.9	U	18	4.9	ug/Kg
11141-16-5	AROCLOR 1232	5.1	U	18	5.1	ug/Kg
53469-21-9	AROCLOR 1242	2.2	U	18	2.2	ug/Kg
12672-29-6	AROCLOR 1248	4.9	U	18	4.9	ug/Kg
11097-69-1	AROCLOR 1254	5.0	U	18	5.0	ug/Kg
11096-82-5	AROCLOR 1260	4.0	U	18	4.0	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.28	76 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	15.41	77 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-4(0.5-1.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-12**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**6**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021027.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.0	U	18	4.0	ug/Kg
11104-28-2	AROCLOR 1221	4.9	U	18	4.9	ug/Kg
11141-16-5	AROCLOR 1232	5.1	U	18	5.1	ug/Kg
53469-21-9	AROCLOR 1242	2.2	U	18	2.2	ug/Kg
12672-29-6	AROCLOR 1248	4.9	U	18	4.9	ug/Kg
11097-69-1	AROCLOR 1254	5.0	U	18	5.0	ug/Kg
11096-82-5	AROCLOR 1260	4.0	U	18	4.0	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.73	79 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	16.05	80 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-5(2-3)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-13**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**9**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021028.D	1	7/16/2008	7/19/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.1	U	19	4.1	ug/Kg
11104-28-2	AROCLOR 1221	5.0	U	19	5.0	ug/Kg
11141-16-5	AROCLOR 1232	5.2	U	19	5.2	ug/Kg
53469-21-9	AROCLOR 1242	2.3	U	19	2.3	ug/Kg
12672-29-6	AROCLOR 1248	5.0	U	19	5.0	ug/Kg
11097-69-1	AROCLOR 1254	5.1	U	19	5.1	ug/Kg
11096-82-5	AROCLOR 1260	4.1	U	19	4.1	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.1	76 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	13.6	68 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-1(3-3.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-14**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**6**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021047.D	1	7/16/2008	7/22/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.0	U	18	4.0	ug/Kg
11104-28-2	AROCLOR 1221	4.8	U	18	4.8	ug/Kg
11141-16-5	AROCLOR 1232	5.1	U	18	5.1	ug/Kg
53469-21-9	AROCLOR 1242	2.2	U	18	2.2	ug/Kg
12672-29-6	AROCLOR 1248	4.9	U	18	4.9	ug/Kg
11097-69-1	AROCLOR 1254	5.0	U	18	5.0	ug/Kg
11096-82-5	AROCLOR 1260	3.9	U	18	3.9	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.28	91 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	19.91	100 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-2(5.5-6.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-15**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**21**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021048.D	1	7/16/2008	7/22/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.7	U	21	4.7	ug/Kg
11104-28-2	AROCLOR 1221	5.8	U	21	5.8	ug/Kg
11141-16-5	AROCLOR 1232	6.0	U	21	6.0	ug/Kg
53469-21-9	AROCLOR 1242	2.6	U	21	2.6	ug/Kg
12672-29-6	AROCLOR 1248	5.8	U	21	5.8	ug/Kg
11097-69-1	AROCLOR 1254	5.9	U	21	5.9	ug/Kg
11096-82-5	AROCLOR 1260	4.7	U	21	4.7	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.54	88 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	18.26	91 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-3(6-7)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-17**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**14**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021049.D	1	7/16/2008	7/22/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.3	U	20	4.3	ug/Kg
11104-28-2	AROCLOR 1221	5.3	U	20	5.3	ug/Kg
11141-16-5	AROCLOR 1232	5.6	U	20	5.6	ug/Kg
53469-21-9	AROCLOR 1242	2.4	U	20	2.4	ug/Kg
12672-29-6	AROCLOR 1248	5.4	U	20	5.4	ug/Kg
11097-69-1	AROCLOR 1254	5.4	U	20	5.4	ug/Kg
11096-82-5	AROCLOR 1260	4.3	U	20	4.3	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.23	91 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	19.99	100 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-4(0-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-18**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**13**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021050.D	1	7/16/2008	7/22/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.3	U	19	4.3	ug/Kg
11104-28-2	AROCLOR 1221	5.2	U	19	5.2	ug/Kg
11141-16-5	AROCLOR 1232	5.5	U	19	5.5	ug/Kg
53469-21-9	AROCLOR 1242	2.4	U	19	2.4	ug/Kg
12672-29-6	AROCLOR 1248	5.3	U	19	5.3	ug/Kg
11097-69-1	AROCLOR 1254	5.3	U	19	5.3	ug/Kg
11096-82-5	AROCLOR 1260	4.3	U	19	4.3	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.26	71 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	15.21	76 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC4S1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-19**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**43**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021051.D	1	7/16/2008	7/22/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	6.5	U	30	6.5	ug/Kg
11104-28-2	AROCLOR 1221	8.0	U	30	8.0	ug/Kg
11141-16-5	AROCLOR 1232	8.3	U	30	8.3	ug/Kg
53469-21-9	AROCLOR 1242	3.7	U	30	3.7	ug/Kg
12672-29-6	AROCLOR 1248	8.0	U	30	8.0	ug/Kg
11097-69-1	AROCLOR 1254	8.2	U	30	8.2	ug/Kg
11096-82-5	AROCLOR 1260	6.5	U	30	6.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.21	66 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	13.97	70 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC4S2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-20**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**16**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021052.D	1	7/16/2008	7/22/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.4	U	20	4.4	ug/Kg
11104-28-2	AROCLOR 1221	5.4	U	20	5.4	ug/Kg
11141-16-5	AROCLOR 1232	5.7	U	20	5.7	ug/Kg
53469-21-9	AROCLOR 1242	2.5	U	20	2.5	ug/Kg
12672-29-6	AROCLOR 1248	5.5	U	20	5.5	ug/Kg
11097-69-1	AROCLOR 1254	5.5	U	20	5.5	ug/Kg
11096-82-5	AROCLOR 1260	4.4	U	20	4.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.9	75 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	14.56	73 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC4S3**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-21**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**11**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021053.D	1	7/16/2008	7/22/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.2	U	19	4.2	ug/Kg
11104-28-2	AROCLOR 1221	5.1	U	19	5.1	ug/Kg
11141-16-5	AROCLOR 1232	5.3	U	19	5.3	ug/Kg
53469-21-9	AROCLOR 1242	2.3	U	19	2.3	ug/Kg
12672-29-6	AROCLOR 1248	5.1	U	19	5.1	ug/Kg
11097-69-1	AROCLOR 1254	5.2	U	19	5.2	ug/Kg
11096-82-5	AROCLOR 1260	4.2	U	19	4.2	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.38	77 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	21.03	105 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-2(5.5-6.5)DUP**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-24**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**21**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5021056.D	1	7/16/2008	7/22/2008	P5071508

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.7	U	21	4.7	ug/Kg
11104-28-2	AROCLOR 1221	5.8	U	21	5.8	ug/Kg
11141-16-5	AROCLOR 1232	6.0	U	21	6.0	ug/Kg
53469-21-9	AROCLOR 1242	2.6	U	21	2.6	ug/Kg
12672-29-6	AROCLOR 1248	5.8	U	21	5.8	ug/Kg
11097-69-1	AROCLOR 1254	5.9	U	21	5.9	ug/Kg
11096-82-5	AROCLOR 1260	4.7	U	21	4.7	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.39	82 %	44 - 141		SPK: 20
2051-24-3	Decachlorobiphenyl	19.73	99 %	34 - 145		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Hit Summary Report

SDG No.:
Client:
Test:

Order ID:
Project ID:

Sample ID	Client ID	Parameter	Concentration	C	RDL	MDL	Units
Client ID:							
		Total PCB's:					

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-01**	**Matrix:**	**SOIL**
		% Solids:	**79.40**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	66.9		mg/Kg	0.151	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	31.3		mg/Kg	1.230	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.517		mg/Kg	0.084	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	29.8		mg/Kg	0.134	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	94.7		mg/Kg	0.369	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.257		mg/Kg	0.009	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	21.0		mg/Kg	0.688	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.176	U	mg/Kg	0.176	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-02**	**Matrix:**	**SOIL**
		% Solids:	**60.50**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	250		mg/Kg	0.198	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	125		mg/Kg	1.610	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.869		mg/Kg	0.110	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	37.6		mg/Kg	0.176	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	1270		mg/Kg	0.485	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.334		mg/Kg	0.011	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	645		mg/Kg	0.904	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	3.100		mg/Kg	0.231	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE3**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-03**	**Matrix:**	**SOIL**
		% Solids:	**83.50**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	16.1		mg/Kg	0.143	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	28.4		mg/Kg	1.160	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.135	J	mg/Kg	0.079	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	5.310		mg/Kg	0.127	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	28.3		mg/Kg	0.349	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.063		mg/Kg	0.008	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	6.570		mg/Kg	0.650	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.167	U	mg/Kg	0.167	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE4**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-04**	**Matrix:**	**SOIL**
		% Solids:	**82.90**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	58.1		mg/Kg	0.143	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	72.1		mg/Kg	1.160	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	1.570		mg/Kg	0.079	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	19.6		mg/Kg	0.127	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	197		mg/Kg	0.349	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.048		mg/Kg	0.008	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	10.9		mg/Kg	0.651	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.167	U	mg/Kg	0.167	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE5**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-05**	**Matrix:**	**SOIL**
		% Solids:	**85.10**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	55.0		mg/Kg	0.140	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	37.2		mg/Kg	1.140	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.338	J	mg/Kg	0.078	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	7.580		mg/Kg	0.125	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	97.1		mg/Kg	0.342	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.019		mg/Kg	0.008	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	9.620		mg/Kg	0.638	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.163	U	mg/Kg	0.163	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-BASE6**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-06**	**Matrix:**	**SOIL**
		% Solids:	**84.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	8.740		mg/Kg	0.143	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	26.0		mg/Kg	1.160	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.106	J	mg/Kg	0.079	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	4.470		mg/Kg	0.127	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	17.9		mg/Kg	0.349	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.008	U	mg/Kg	0.008	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	2.490		mg/Kg	0.651	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.167	U	mg/Kg	0.167	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-07**	**Matrix:**	**SOIL**
		% Solids:	**71.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	15.9		mg/Kg	0.169	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	2730		mg/Kg	1.370	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	7.320		mg/Kg	0.094	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	47.3		mg/Kg	0.150	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	22232.87	OR	mg/Kg	.4131	1	7/16/2008	7/21/2008	EPA SW-846 6010
7782-49-2	Selenium	0.770	U	mg/Kg	0.770	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.288	J	mg/Kg	0.197	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH1**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-07DL**	**Matrix:**	**SOIL**
		% Solids:	**71.00**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	19.8		D	mg/Kg	1.690	10	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	2870		D	mg/Kg	13.7	10	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	6.670		D	mg/Kg	0.939	10	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	57.1		D	mg/Kg	1.500	10	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	30900		D	mg/Kg	4.130	10	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.298			mg/Kg	0.010	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	7.700	U	D	mg/Kg	7.700	10	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	1.970	U	D	mg/Kg	1.970	10	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-TRENCH2**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-08**	**Matrix:**	**SOIL**
		% Solids:	**61.80**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	21.1		mg/Kg	0.194	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	1950		mg/Kg	1.570	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	139		mg/Kg	0.108	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	68.6		mg/Kg	0.173	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	9100		mg/Kg	0.475	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.424		mg/Kg	0.011	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	0.885	U	mg/Kg	0.885	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.227	U	mg/Kg	0.227	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-1(0-1)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-09**	**Matrix:**	**SOIL**
		% Solids:	**94.70**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	6.730		mg/Kg	0.127	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	50.0		mg/Kg	1.030	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.453		mg/Kg	0.070	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	5.630		mg/Kg	0.113	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	30.7		mg/Kg	0.310	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.042		mg/Kg	0.007	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	0.577	U	mg/Kg	0.577	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.148	U	mg/Kg	0.148	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-2(1-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-10**	**Matrix:**	**SOIL**
		% Solids:	**92.30**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	5.930		mg/Kg	0.128	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	26.4		mg/Kg	1.040	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.198	J	mg/Kg	0.071	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	5.290		mg/Kg	0.114	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	10.6		mg/Kg	0.314	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.057		mg/Kg	0.007	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	0.584	U	mg/Kg	0.584	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.150	U	mg/Kg	0.150	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-3(1-2)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-11**	**Matrix:**	**SOIL**
		% Solids:	**93.70**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	5.350		mg/Kg	0.127	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	25.8		mg/Kg	1.030	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.233	J	mg/Kg	0.071	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	6.160		mg/Kg	0.113	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	11.3		mg/Kg	0.311	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.038		mg/Kg	0.007	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	0.580	U	mg/Kg	0.580	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.148	U	mg/Kg	0.148	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-4(0.5-1.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-12**	**Matrix:**	**SOIL**
		% Solids:	**93.70**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	9.780		mg/Kg	0.127	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	37.5		mg/Kg	1.030	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.430		mg/Kg	0.071	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	6.690		mg/Kg	0.113	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	12.7		mg/Kg	0.311	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.137		mg/Kg	0.007	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	0.580	U	mg/Kg	0.580	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.148	U	mg/Kg	0.148	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC2-SB-5(2-3)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-13**	**Matrix:**	**SOIL**
		% Solids:	**90.90**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	5.260		mg/Kg	0.130	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	42.4		mg/Kg	1.060	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.130	J	mg/Kg	0.072	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	7.080		mg/Kg	0.116	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	23.4		mg/Kg	0.318	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.027		mg/Kg	0.008	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	0.593	U	mg/Kg	0.593	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.152	U	mg/Kg	0.152	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-1(3-3.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-14**	**Matrix:**	**SOIL**
		% Solids:	**94.20**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	12.5		mg/Kg	0.127	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	31.1		mg/Kg	1.030	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.154	J	mg/Kg	0.071	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	6.820		mg/Kg	0.113	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	9.040		mg/Kg	0.311	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.038		mg/Kg	0.007	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	0.580	U	mg/Kg	0.580	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.149	U	mg/Kg	0.149	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-2(5.5-6.5)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-15**	**Matrix:**	**SOIL**
		% Solids:	**79.30**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	16.0		mg/Kg	0.151	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	254		mg/Kg	1.230	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.084	U	mg/Kg	0.084	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	8.180		mg/Kg	0.135	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	27.5		mg/Kg	0.370	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.009	U	mg/Kg	0.009	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	3.090		mg/Kg	0.689	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.177	U	mg/Kg	0.177	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-3(6-7)**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-17**	**Matrix:**	**SOIL**
		% Solids:	**86.20**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	4.980		mg/Kg	0.139	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	47.6		mg/Kg	1.130	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.207	J	mg/Kg	0.077	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	6.630		mg/Kg	0.124	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	8.230		mg/Kg	0.340	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.019		mg/Kg	0.008	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	0.634	U	mg/Kg	0.634	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.162	U	mg/Kg	0.162	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie**	**Date Collected:**	**7/11/2008**
Project:	**Taylor Site Pottstown**	**Date Received:**	**7/12/2008**
Client Sample ID:	**REC5-SB-2(5.5-6.5)DUP**	**SDG No.:**	**Z3664**
Lab Sample ID:	**Z3664-24**	**Matrix:**	**SOIL**
		% Solids:	**79.30**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	17.0		mg/Kg	0.149	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-39-3	Barium	259		mg/Kg	1.210	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.083	U	mg/Kg	0.083	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-47-3	Chromium	11.7		mg/Kg	0.133	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-92-1	Lead	30.5		mg/Kg	0.365	1	7/16/2008	7/21/2008	EPA SW-846 6010
7439-97-6	Mercury	0.009	U	mg/Kg	0.009	1	7/16/2008	7/16/2008	EPA SW-846 7471
7782-49-2	Selenium	1.730		mg/Kg	0.680	1	7/16/2008	7/21/2008	EPA SW-846 6010
7440-22-4	Silver	0.174	U	mg/Kg	0.174	1	7/16/2008	7/21/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: Z3664 | Order ID: Z3664

Client: Malcolm Pirnie | Project ID: Taylor Site Pottstown

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-BASE1**							
Z3664-01	REC2-BASE1	SOIL	Arsenic	66.9		0.840	0.151	mg/Kg
Z3664-01	REC2-BASE1	SOIL	Barium	31.3		4.200	1.230	mg/Kg
Z3664-01	REC2-BASE1	SOIL	Cadmium	0.517		0.420	0.084	mg/Kg
Z3664-01	REC2-BASE1	SOIL	Chromium	29.8		0.420	0.134	mg/Kg
Z3664-01	REC2-BASE1	SOIL	Lead	94.7		0.840	0.369	mg/Kg
Z3664-01	REC2-BASE1	SOIL	Mercury	0.257		0.012	0.009	mg/Kg
Z3664-01	REC2-BASE1	SOIL	Selenium	21.0		0.840	0.688	mg/Kg
Client ID:	**REC2-BASE2**							
Z3664-02	REC2-BASE2	SOIL	Arsenic	250		1.100	0.198	mg/Kg
Z3664-02	REC2-BASE2	SOIL	Barium	125		5.510	1.610	mg/Kg
Z3664-02	REC2-BASE2	SOIL	Cadmium	0.869		0.551	0.110	mg/Kg
Z3664-02	REC2-BASE2	SOIL	Chromium	37.6		0.551	0.176	mg/Kg
Z3664-02	REC2-BASE2	SOIL	Lead	1270		1.100	0.485	mg/Kg
Z3664-02	REC2-BASE2	SOIL	Mercury	0.334		0.016	0.011	mg/Kg
Z3664-02	REC2-BASE2	SOIL	Selenium	645		1.100	0.904	mg/Kg
Z3664-02	REC2-BASE2	SOIL	Silver	3.100		0.551	0.231	mg/Kg
Client ID:	**REC2-BASE3**							
Z3664-03	REC2-BASE3	SOIL	Arsenic	16.1		0.793	0.143	mg/Kg
Z3664-03	REC2-BASE3	SOIL	Barium	28.4		3.970	1.160	mg/Kg
Z3664-03	REC2-BASE3	SOIL	Cadmium	0.135	J	0.397	0.079	mg/Kg
Z3664-03	REC2-BASE3	SOIL	Chromium	5.310		0.397	0.127	mg/Kg
Z3664-03	REC2-BASE3	SOIL	Lead	28.3		0.793	0.349	mg/Kg
Z3664-03	REC2-BASE3	SOIL	Mercury	0.063		0.012	0.008	mg/Kg
Z3664-03	REC2-BASE3	SOIL	Selenium	6.570		0.793	0.650	mg/Kg
Client ID:	**REC2-BASE4**							
Z3664-04	REC2-BASE4	SOIL	Arsenic	58.1		0.794	0.143	mg/Kg
Z3664-04	REC2-BASE4	SOIL	Barium	72.1		3.970	1.160	mg/Kg
Z3664-04	REC2-BASE4	SOIL	Cadmium	1.570		0.397	0.079	mg/Kg
Z3664-04	REC2-BASE4	SOIL	Chromium	19.6		0.397	0.127	mg/Kg
Z3664-04	REC2-BASE4	SOIL	Lead	197		0.794	0.349	mg/Kg
Z3664-04	REC2-BASE4	SOIL	Mercury	0.048		0.012	0.008	mg/Kg
Z3664-04	REC2-BASE4	SOIL	Selenium	10.9		0.794	0.651	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: Z3664 | Order ID: Z3664

Client: Malcolm Pirnie | Project ID: Taylor Site Pottstown

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-BASE5**							
Z3664-05	REC2-BASE5	SOIL	Arsenic	55.0		0.778	0.140	mg/Kg
Z3664-05	REC2-BASE5	SOIL	Barium	37.2		3.890	1.140	mg/Kg
Z3664-05	REC2-BASE5	SOIL	Cadmium	0.338	J	0.389	0.078	mg/Kg
Z3664-05	REC2-BASE5	SOIL	Chromium	7.580		0.389	0.125	mg/Kg
Z3664-05	REC2-BASE5	SOIL	Lead	97.1		0.778	0.342	mg/Kg
Z3664-05	REC2-BASE5	SOIL	Mercury	0.019		0.012	0.008	mg/Kg
Z3664-05	REC2-BASE5	SOIL	Selenium	9.620		0.778	0.638	mg/Kg
Client ID:	**REC2-BASE6**							
Z3664-06	REC2-BASE6	SOIL	Arsenic	8.740		0.794	0.143	mg/Kg
Z3664-06	REC2-BASE6	SOIL	Barium	26.0		3.970	1.160	mg/Kg
Z3664-06	REC2-BASE6	SOIL	Cadmium	0.106	J	0.397	0.079	mg/Kg
Z3664-06	REC2-BASE6	SOIL	Chromium	4.470		0.397	0.127	mg/Kg
Z3664-06	REC2-BASE6	SOIL	Lead	17.9		0.794	0.349	mg/Kg
Z3664-06	REC2-BASE6	SOIL	Selenium	2.490		0.794	0.651	mg/Kg
Client ID:	**REC2-SB-1(0-1)**							
Z3664-09	REC2-SB-1(0-1)	SOIL	Arsenic	6.730		0.704	0.127	mg/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Barium	50.0		3.520	1.030	mg/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Cadmium	0.453		0.352	0.070	mg/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Chromium	5.630		0.352	0.113	mg/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Lead	30.7		0.704	0.310	mg/Kg
Z3664-09	REC2-SB-1(0-1)	SOIL	Mercury	0.042		0.011	0.007	mg/Kg
Client ID:	**REC2-SB-2(1-2)**							
Z3664-10	REC2-SB-2(1-2)	SOIL	Arsenic	5.930		0.713	0.128	mg/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Barium	26.4		3.560	1.040	mg/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Cadmium	0.198	J	0.356	0.071	mg/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Chromium	5.290		0.356	0.114	mg/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Lead	10.6		0.713	0.314	mg/Kg
Z3664-10	REC2-SB-2(1-2)	SOIL	Mercury	0.057		0.010	0.007	mg/Kg
Client ID:	**REC2-SB-3(1-2)**							
Z3664-11	REC2-SB-3(1-2)	SOIL	Arsenic	5.350		0.707	0.127	mg/Kg
Z3664-11	REC2-SB-3(1-2)	SOIL	Barium	25.8		3.530	1.030	mg/Kg
Z3664-11	REC2-SB-3(1-2)	SOIL	Cadmium	0.233	J	0.353	0.071	mg/Kg
Z3664-11	REC2-SB-3(1-2)	SOIL	Chromium	6.160		0.353	0.113	mg/Kg
Z3664-11	REC2-SB-3(1-2)	SOIL	Lead	11.3		0.707	0.311	mg/Kg
Z3664-11	REC2-SB-3(1-2)	SOIL	Mercury	0.038		0.010	0.007	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: Z3664 | Order ID: Z3664

Client: Malcolm Pirnie | Project ID: Taylor Site Pottstown

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC2-SB-4(0.5-1.5)**							
Z3664-12	REC2-SB-4(0.5-1.5)	SOIL	Arsenic	9.780		0.707	0.127	mg/Kg
Z3664-12	REC2-SB-4(0.5-1.5)	SOIL	Barium	37.5		3.530	1.030	mg/Kg
Z3664-12	REC2-SB-4(0.5-1.5)	SOIL	Cadmium	0.430		0.353	0.071	mg/Kg
Z3664-12	REC2-SB-4(0.5-1.5)	SOIL	Chromium	6.690		0.353	0.113	mg/Kg
Z3664-12	REC2-SB-4(0.5-1.5)	SOIL	Lead	12.7		0.707	0.311	mg/Kg
Z3664-12	REC2-SB-4(0.5-1.5)	SOIL	Mercury	0.137		0.011	0.007	mg/Kg
Client ID:	**REC2-SB-5(2-3)**							
Z3664-13	REC2-SB-5(2-3)	SOIL	Arsenic	5.260		0.724	0.130	mg/Kg
Z3664-13	REC2-SB-5(2-3)	SOIL	Barium	42.4		3.620	1.060	mg/Kg
Z3664-13	REC2-SB-5(2-3)	SOIL	Cadmium	0.130	J	0.362	0.072	mg/Kg
Z3664-13	REC2-SB-5(2-3)	SOIL	Chromium	7.080		0.362	0.116	mg/Kg
Z3664-13	REC2-SB-5(2-3)	SOIL	Lead	23.4		0.724	0.318	mg/Kg
Z3664-13	REC2-SB-5(2-3)	SOIL	Mercury	0.027		0.011	0.008	mg/Kg
Client ID:	**REC2-TRENCH1**							
Z3664-07DL	REC2-TRENCH1	SOIL	Arsenic	19.8		9.390	1.690	mg/Kg
Z3664-07DL	REC2-TRENCH1	SOIL	Barium	2870		46.9	13.7	mg/Kg
Z3664-07DL	REC2-TRENCH1	SOIL	Cadmium	6.670		4.690	0.939	mg/Kg
Z3664-07DL	REC2-TRENCH1	SOIL	Chromium	57.1		4.690	1.500	mg/Kg
Z3664-07DL	REC2-TRENCH1	SOIL	Lead	30900		9.390	4.130	mg/Kg
Z3664-07	REC2-TRENCH1	SOIL	Mercury	0.298		0.014	0.010	mg/Kg
Client ID:	**REC2-TRENCH1**							
Z3664-07	REC2-TRENCH1	SOIL	Arsenic	15.9		0.939	0.169	mg/Kg
Z3664-07	REC2-TRENCH1	SOIL	Barium	2730		4.690	1.370	mg/Kg
Z3664-07	REC2-TRENCH1	SOIL	Cadmium	7.320		0.469	0.094	mg/Kg
Z3664-07	REC2-TRENCH1	SOIL	Chromium	47.3		0.469	0.150	mg/Kg
Z3664-07	REC2-TRENCH1	SOIL	Lead	22232.87	OR	.938967	.4131	mg/Kg
Z3664-07	REC2-TRENCH1	SOIL	Silver	0.288	J	0.469	0.197	mg/Kg
Client ID:	**REC2-TRENCH2**							
Z3664-08	REC2-TRENCH2	SOIL	Arsenic	21.1		1.080	0.194	mg/Kg
Z3664-08	REC2-TRENCH2	SOIL	Barium	1950		5.390	1.570	mg/Kg
Z3664-08	REC2-TRENCH2	SOIL	Cadmium	139		0.539	0.108	mg/Kg
Z3664-08	REC2-TRENCH2	SOIL	Chromium	68.6		0.539	0.173	mg/Kg
Z3664-08	REC2-TRENCH2	SOIL	Lead	9100		1.080	0.475	mg/Kg
Z3664-08	REC2-TRENCH2	SOIL	Mercury	0.424		0.016	0.011	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: Z3664 | Order ID: Z3664

Client: Malcolm Pirnie | Project ID: Taylor Site Pottstown

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**REC5-SB-1(3-3.5)**							
Z3664-14	REC5-SB-1(3-3.5)	SOIL	Arsenic	12.5		0.708	0.127	mg/Kg
Z3664-14	REC5-SB-1(3-3.5)	SOIL	Barium	31.1		3.540	1.030	mg/Kg
Z3664-14	REC5-SB-1(3-3.5)	SOIL	Cadmium	0.154	J	0.354	0.071	mg/Kg
Z3664-14	REC5-SB-1(3-3.5)	SOIL	Chromium	6.820		0.354	0.113	mg/Kg
Z3664-14	REC5-SB-1(3-3.5)	SOIL	Lead	9.040		0.708	0.311	mg/Kg
Z3664-14	REC5-SB-1(3-3.5)	SOIL	Mercury	0.038		0.011	0.007	mg/Kg
Client ID:	**REC5-SB-2(5.5-6.5)**							
Z3664-15	REC5-SB-2(5.5-6.5)	SOIL	Arsenic	16.0		0.841	0.151	mg/Kg
Z3664-15	REC5-SB-2(5.5-6.5)	SOIL	Barium	254		4.200	1.230	mg/Kg
Z3664-15	REC5-SB-2(5.5-6.5)	SOIL	Chromium	8.180		0.420	0.135	mg/Kg
Z3664-15	REC5-SB-2(5.5-6.5)	SOIL	Lead	27.5		0.841	0.370	mg/Kg
Z3664-15	REC5-SB-2(5.5-6.5)	SOIL	Selenium	3.090		0.841	0.689	mg/Kg
Client ID:	**REC5-SB-2(5.5-6.5)DUP**							
Z3664-24	REC5-SB-2(5.5-6.5)	SOIL	Arsenic	17.0		0.830	0.149	mg/Kg
Z3664-24	REC5-SB-2(5.5-6.5)	SOIL	Barium	259		4.150	1.210	mg/Kg
Z3664-24	REC5-SB-2(5.5-6.5)	SOIL	Chromium	11.7		0.415	0.133	mg/Kg
Z3664-24	REC5-SB-2(5.5-6.5)	SOIL	Lead	30.5		0.830	0.365	mg/Kg
Z3664-24	REC5-SB-2(5.5-6.5)	SOIL	Selenium	1.730		0.830	0.680	mg/Kg
Client ID:	**REC5-SB-3(6-7)**							
Z3664-17	REC5-SB-3(6-7)	SOIL	Arsenic	4.980		0.773	0.139	mg/Kg
Z3664-17	REC5-SB-3(6-7)	SOIL	Barium	47.6		3.870	1.130	mg/Kg
Z3664-17	REC5-SB-3(6-7)	SOIL	Cadmium	0.207	J	0.387	0.077	mg/Kg
Z3664-17	REC5-SB-3(6-7)	SOIL	Chromium	6.630		0.387	0.124	mg/Kg
Z3664-17	REC5-SB-3(6-7)	SOIL	Lead	8.230		0.773	0.340	mg/Kg
Z3664-17	REC5-SB-3(6-7)	SOIL	Mercury	0.019		0.012	0.008	mg/Kg

APPENDIX B

Boring Logs

MALCOLM PIRNIE, INC.

BORING: REC-2-TRENCH-1

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	**Taylor Colliery**	**DATE:**	**7/11/2008**
JOB NUMBER:	**5970001**	**LOCATION:**	**REC-2**
DRILLING FIRM:	**Hill Remediation**	**WEATHER:**	**Sunny, 90 degrees F**
DRILLING METHOD:	**Excavator**	**ELEVATION:**	
DRILLER:	**Darwin**	**DATUM:**	
HELPER:		**GEOLOGIST:**	**Chris Ortolano**

SAMPLE INFORMATION							
Depth	No.	Rec. (inches)	Blows per 6"	Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1	1	0	Shovel	0-3	Concrete trench filled with what appears to be the run-off from the boiler building. Filled with SILT, concstrution debris, some gravel, black, moist		PID: 8.9 Sample 2-3 @ 1000
1-2							
2-3							
3-4							
4-5					E.O.E		
5-6							
6-7							
7-8							
8-9							
9-10							
10-11							
11-12							
12-13							
13-14							
14-15							
15-16							
16-17							
17-18							
18-19							
19-20							
20-21							
21-22							
22-23							
23-24							
24-25							

MALCOLM PIRNIE, INC.

BORING: REC-2-TRENCH-2

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	Taylor Colliery	DATE:	7/11/2008
JOB NUMBER:	5970001	LOCATION:	REC-2
DRILLING FIRM:	Hill Remediation	WEATHER:	Sunny, 90 degrees F
DRILLING METHOD:	Excavator	ELEVATION:	
DRILLER:	Darwin	DATUM:	
HELPER:		GEOLOGIST:	Chris Ortolano

SAMPLE INFORMATION				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
Depth	No.	Rec. (inches)	Blows per 6"				
0-1	1	0	Shovel	3-4	Concrete trench filled with what appears to be the run-off from the boiler building. Filled with SILT, concstrution debris, some gravel, black, moist		PID: 17.5 Sample 3-4 @ 1010
1-2							
2-3							
3-4							
4-5					E.O.E		
5-6							
6-7							
7-8							
8-9							
9-10							
10-11							
11-12							
12-13							
13-14							
14-15							
15-16							
16-17							
17-18							
18-19							
19-20							
20-21							
21-22							
22-23							
23-24							
24-25							

MALCOLM PIRNIE, INC.

BORING: REC-2-BASE-1

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	Taylor Colliery	**DATE:**	7/11/2008
JOB NUMBER:	5970001	**LOCATION:**	REC-2
DRILLING FIRM:	Hill Remediation	**WEATHER:**	Sunny, 90 degrees F
DRILLING METHOD:	Hand Auger	**ELEVATION:**	
DRILLER:	Darwin	**DATUM:**	
HELPER:		**GEOLOGIST:**	Chris Ortolano

SAMPLE INFORMATION										
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1	1	24	Hand Auger				0-2	SILT, trace fine gravel, brown/dark brown, moist		PID: 0.0 Sample 0-2 @ 900
1-2										
2-3								E.O.B		
3-4										
4-5										
5-6										
6-7										
7-8										
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

BORING: REC-2-BASE-2

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	Taylor Colliery	DATE:	7/11/2008
JOB NUMBER:	5970001	LOCATION:	REC-2
DRILLING FIRM:	Hill Remediation	WEATHER:	Sunny, 90 degrees F
DRILLING METHOD:	Hand Auger	ELEVATION:	
DRILLER:	Darwin	DATUM:	
HELPER:		GEOLOGIST:	Chris Ortolano

SAMPLE INFORMATION										
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1	1	24	Hand Auger				0-2	SILT, trace fine gravel, brown/dark brown, moist		PID: 0.0 Sample 0-2 @ 910
1-2										
2-3								E.O.B		
3-4										
4-5										
5-6										
6-7										
7-8										
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

BORING: REC-2-BASE-3

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	Taylor Colliery	DATE:	7/11/2008
JOB NUMBER:	5970001	LOCATION:	REC-2
DRILLING FIRM:	Hill Remediation	WEATHER:	Sunny, 90 degrees F
DRILLING METHOD:	Hand Auger	ELEVATION:	
DRILLER:	Darwin	DATUM:	
HELPER:		GEOLOGIST:	Chris Ortolano

SAMPLE INFORMATION										
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1	1	24	Hand Auger				0-2	SILT, trace fine gravel, brown/dark brown, moist		PID: 0.0 Sample 0-2 @ 920
1-2										
2-3								E.O.B		
3-4										
4-5										
5-6										
6-7										
7-8										
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

BORING: REC-2-BASE-4

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	Taylor Colliery	DATE:	7/11/2008
JOB NUMBER:	5970001	LOCATION:	REC-2
DRILLING FIRM:	Hill Remediation	WEATHER:	Sunny, 90 degrees F
DRILLING METHOD:	Hand Auger	ELEVATION:	
DRILLER:	Darwin	DATUM:	
HELPER:		GEOLOGIST:	Chris Ortolano

SAMPLE INFORMATION										
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1	1	24	Hand Auger				0-2	SILT, trace fine gravel, brown/dark brown, moist		PID: 0.0 Sample 0-2 @ 930
1-2										
2-3								E.O.B		
3-4										
4-5										
5-6										
6-7										
7-8										
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

640 Freedom Business Center Suite 310 King of Prussia PA 19406

BORING: REC-2-BASE-5

PROJECT NAME:	Taylor Colliery	DATE:	7/11/2008
JOB NUMBER:	5970001	LOCATION:	REC-2
DRILLING FIRM:	Hill Remediation	WEATHER:	Sunny, 90 degrees F
DRILLING METHOD:	Hand Auger	ELEVATION:	
DRILLER:	Darwin	DATUM:	
HELPER:		GEOLOGIST:	Chris Ortolano

SAMPLE INFORMATION										
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1	1	24	Hand Auger				0-2	SILT, trace fine gravel, brown/dark brown, moist		PID: 0.0 Sample 0-2 @ 935
1-2										
2-3								E.O.B		
3-4										
4-5										
5-6										
6-7										
7-8										
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

BORING: REC-2-BASE-6

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	Taylor Colliery	DATE:	7/11/2008
JOB NUMBER:	5970001	LOCATION:	REC-2
DRILLING FIRM:	Hill Remediation	WEATHER:	Sunny, 90 degrees F
DRILLING METHOD:	Hand Auger	ELEVATION:	
DRILLER:	Darwin	DATUM:	
HELPER:		GEOLOGIST:	Chris Ortolano

SAMPLE INFORMATION										
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1	1	24	Hand Auger				0-2	SILT, trace fine gravel, brown/dark brown, moist		PID: 0.0 Sample 0-2 @ 945
1-2										
2-3								E.O.B		
3-4										
4-5										
5-6										
6-7										
7-8										
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

BORING: REC-2-SB-2

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	**Taylor Colliery**	**DATE:**	**7/11/2008**
JOB NUMBER:	**5970001**	**LOCATION:**	**REC-2**
DRILLING FIRM:	**Hill Remediation**	**WEATHER:**	**Sunny, 90 degrees F**
DRILLING METHOD:	**Geoprobe 6620 DT**	**ELEVATION:**	
DRILLER:	**Darwin**	**DATUM:**	
HELPER:		**GEOLOGIST:**	**Chris Ortolano**

SAMPLE INFORMATION											
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1		24	Direct Push				0-2	Fill- Ash, white cinder >1" @ 1 foot, dark gray, dry		PID: 0.0
1-2	1									PID: 0.0 Sample 1-2' @ 945
2-3										
3-4										
4-5										
5-6		24					5-7	Same as above		PID: 0.0
6-7										PID: 0.0
7-8								E.O.B		
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

BORING: REC-2-SB-3

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	**Taylor Colliery**	**DATE:**	**7/11/2008**
JOB NUMBER:	**5970001**	**LOCATION:**	**REC-2**
DRILLING FIRM:	**Hill Remediation**	**WEATHER:**	**Sunny, 90 degrees F**
DRILLING METHOD:	**Geoprobe 6620 DT**	**ELEVATION:**	
DRILLER:	**Darwin**	**DATUM:**	
HELPER:		**GEOLOGIST:**	**Chris Ortolano**

SAMPLE INFORMATION										
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1		36	Direct Push				0-3	Fill- Ash, SAND and gravel sized pieces, dark gray, moist		PID: 0.0
1-2	1									PID: 0.0 Sample 1-2' @ 1045
2-3										
3-4										
4-5										
5-6		24					5-7	Same as above		PID: 0.0
6-7										PID: 0.0
7-8								E.O.B		
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

BORING: REC-2-SB-4

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	**Taylor Colliery**	**DATE:**	**7/11/2008**
JOB NUMBER:	**5970001**	**LOCATION:**	**REC-2**
DRILLING FIRM:	**Hill Remediation**	**WEATHER:**	**Sunny, 90 degrees F**
DRILLING METHOD:	**Geoprobe 6620 DT**	**ELEVATION:**	
DRILLER:	**Darwin**	**DATUM:**	
HELPER:		**GEOLOGIST:**	**Chris Ortolano**

SAMPLE INFORMATION				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
Depth	No.	Rec. (inches)	Blows per 6"				
0-1	1	30	Direct Push	0-2.5	Fill- Ash tan and red, coal, interbedded gray, dry		PID: 10.6 Sample 0-1 @ 1030 PID: 0.0
1-2							
2-3							
3-4							
4-5							
5-6		12		5-6	Same as above		PID: 0.0
6-7					E.O.B		
7-8							
8-9							
9-10							
10-11							
11-12							
12-13							
13-14							
14-15							
15-16							
16-17							
17-18							
18-19							
19-20							
20-21							
21-22							
22-23							
23-24							
24-25							

MALCOLM PIRNIE, INC.

640 Freedom Business Center Suite 310 King of Prussia PA 19406

BORING: REC-2-SB-4

PROJECT NAME:	Taylor Colliery	DATE:	7/11/2008
JOB NUMBER:	5970001	LOCATION:	REC-2
DRILLING FIRM:	Hill Remediation	WEATHER:	Sunny, 90 degrees F
DRILLING METHOD:	Geoprobe 6620 DT	ELEVATION:	
DRILLER:	Darwin	DATUM:	
HELPER:		GEOLOGIST:	Chris Ortolano

SAMPLE INFORMATION									
Depth	No.	Rec. (inches)	Blows per 6"	Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1	1	30	Direct Push	0-2.5	Fill- SAND, gravel sized pieces, brown/dark gray, moist		PID 0-1: 8.6 PID 1-2: 1.1 Sample 0.5-1.5 @ 1105
1-2							
2-3							
3-4							
4-5							
5-6		24		5-7	Same as above		PID 5-6: 0.0 PID 6-7: 0.0
6-7							
7-8					E.O.B		
8-9							
9-10							
10-11							
11-12							
12-13							
13-14							
14-15							
15-16							
16-17							
17-18							
18-19							
19-20							
20-21							
21-22							
22-23							
23-24							
24-25							

MALCOLM PIRNIE, INC.

BORING: REC-2-SB-5

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	**Taylor Colliery**	**DATE:**	**7/11/2008**
JOB NUMBER:	**5970001**	**LOCATION:**	**REC-2**
DRILLING FIRM:	**Hill Remediation**	**WEATHER:**	**Sunny, 90 degrees F**
DRILLING METHOD:	**Geoprobe 6620 DT**	**ELEVATION:**	
DRILLER:	**Darwin**	**DATUM:**	
HELPER:		**GEOLOGIST:**	**Chris Ortolano**

SAMPLE INFORMATION										
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1		42	Direct Push				0-3.5	Fill- Ash, SAND and gravel sized pieces, brown/gray, black lense @ 3.0 ft and 3.5 ft, moist		PID: 0.0
1-2										PID: 0.0
2-3	1									Sample 2-3 @ 1115
3-4										
4-5										
5-6		24					5-7	Same as above, no black lenses		PID: 0.0
6-7										PID: 0.0
7-8								E.O.B		
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

640 Freedom Business Center Suite 310 King of Prussia PA 19406

BORING: REC-4-S1

PROJECT NAME:	Taylor Colliery	DATE:	7/11/2008
JOB NUMBER:	5970001	LOCATION:	REC-4
DRILLING FIRM:	Hill Remediation	WEATHER:	Sunny, 90 degrees F
DRILLING METHOD:	Shovel	ELEVATION:	
DRILLER:	Darwin	DATUM:	
HELPER:		GEOLOGIST:	Chris Ortolano

SAMPLE INFORMATION										
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1	1	0	Shovel				0-6"	Surface Soil sample---SILT, Some fine gravel, brown, dry		Sample 0-6" @ 945 PCB's only
1-2										
2-3										
3-4										
4-5										
5-6										
6-7										
7-8										
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

BORING: REC-4-S2

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	Taylor Colliery	**DATE:**	7/11/2008
JOB NUMBER:	5970001	**LOCATION:**	REC-4
DRILLING FIRM:	Hill Remediation	**WEATHER:**	Sunny, 90 degrees F
DRILLING METHOD:	Shovel	**ELEVATION:**	
DRILLER:	Darwin	**DATUM:**	
HELPER:		**GEOLOGIST:**	Chris Ortolano

SAMPLE INFORMATION							
Depth	No.	Rec. (inches)	Blows per 6"	Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1	1	0	Shovel	0-6"	Surface Soil sample---SILT, Some fine gravel, brown, dry		Sample 0-6" @ 945
							PCB's only
1-2							
2-3							
3-4							
4-5							
5-6							
6-7							
7-8							
8-9							
9-10							
10-11							
11-12							
12-13							
13-14							
14-15							
15-16							
16-17							
17-18							
18-19							
19-20							
20-21							
21-22							
22-23							
23-24							
24-25							

MALCOLM PIRNIE, INC.

BORING: REC-4-S3

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	Taylor Colliery	DATE:	7/11/2008
JOB NUMBER:	5970001	LOCATION:	REC-4
DRILLING FIRM:	Hill Remediation	WEATHER:	Sunny, 90 degrees F
DRILLING METHOD:	Shovel	ELEVATION:	
DRILLER:	Darwin	DATUM:	
HELPER:		GEOLOGIST:	Chris Ortolano

SAMPLE INFORMATION											
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1	1	0	Shovel				0-6"	Surface Soil sample---SILT, Some fine gravel, brown, dry		Sample 0-6" @ 945 PCB's only
1-2										
2-3										
3-4										
4-5										
5-6										
6-7										
7-8										
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

BORING: REC-5-SB-1

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	Taylor Colliery	**DATE:**	7/11/2008
JOB NUMBER:	5970001	**LOCATION:**	REC-5
DRILLING FIRM:	Hill Remediation	**WEATHER:**	Sunny, 90 degrees F
DRILLING METHOD:	Geoprobe 6620 DT	**ELEVATION:**	
DRILLER:	Darwin	**DATUM:**	
HELPER:		**GEOLOGIST:**	Chris Ortolano

SAMPLE INFORMATION							
Depth	**No.**	**Rec. (inches)**	**Blows per 6"**	**Depth**	**SOIL DESCRIPTION**	**USCS SYMBOL**	**REMARKS**
0-1		48	Direct Push	0-4	Fill- SAND, gravel sized pieces, dark gray, moist		PID: 1.7
1-2							
2-3							
3-4	1						PID: 17.7
4-5							Sample VOC's and Moisture from 3-4' @ 1345
5-6		36					
6-7	2			6-7	Sandy silty CLAY. Some gravel, brown, moist		PID: 2.4 Sample BN's 6-7' @ 1350
7-8				7-7.5 7.5-8	fine silty SAND, trace gravel, dense, gray, dry clayey SILT with sand parting, dense, brown, dry		
8-9				8.9.5	M-C SAND, olive green, wet		
9-10				9.5-15	Fine silty SAND grades to clay @ 15 feet, olive green, moist		PID: 1.9
10-11		48					
11-12							
12-13							PID: 0.0
13-14							
14-15							
15-16					E.O.B		
16-17							
17-18							
18-19							
19-20							
20-21							
21-22							
22-23							
23-24							
24-25							

MALCOLM PIRNIE, INC.

BORING: REC-5-SB-2

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	**Taylor Colliery**	**DATE:**	**7/11/2008**
JOB NUMBER:	**5970001**	**LOCATION:**	**REC-5**
DRILLING FIRM:	**Hill Remediation**	**WEATHER:**	**Sunny, 90 degrees F**
DRILLING METHOD:	**Geoprobe 6620 DT**	**ELEVATION:**	
DRILLER:	**Darwin**	**DATUM:**	
HELPER:		**GEOLOGIST:**	**Chris Ortolano**

SAMPLE INFORMATION										
Depth	**No.**	**Rec. (inches)**	**Blows per 6"**				**Depth**	**SOIL DESCRIPTION**	**USCS SYMBOL**	**REMARKS**
0-1		42	Direct Push				0-2	Pulverized coal, black		PID: 1.9
1-2										
2-3	1						2-7	Fill, Brick debris, gravel, red, moist		PID: 0.0
3-4										
4-5										
										PID: 11.5
5-6		24						Same as above		Sample 5.5-6.5 @ 1330
										* Duplicate sample
6-7										PID: 22.9
7-8								E.O.B		
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										

MALCOLM PIRNIE, INC.

640 Freedom Business Center Suite 310 King of Prussia PA 19406

BORING: REC-5-SB-1

PROJECT NAME:	Taylor Colliery	**DATE:**	7/11/2008
JOB NUMBER:	5970001	**LOCATION:**	REC-5
DRILLING FIRM:	Hill Remediation	**WEATHER:**	Sunny, 90 degrees F
DRILLING METHOD:	Geoprobe 6620 DT	**ELEVATION:**	
DRILLER:	Darwin	**DATUM:**	
HELPER:		**GEOLOGIST:**	Chris Ortolano

SAMPLE INFORMATION							
Depth	No.	Rec. (inches)	Blows per 6"	Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1		48	Direct Push	0-3	Pulervized Coal, black		PID: 0.0
1-2							
2-3							
3-4				3-4	Fill, Ash, concrete, gravel sized pieces, gray, dry		PID: 8.9 Sample 3-3.5' @ 1315 * MS/MSD run on this sample
	1						
4-5							
5-6		30		5-7.5	Same as above		
6-7							
					E.O.B		
7-8							
8-9							
9-10							
10-11							
11-12							
12-13							
13-14							
14-15							
15-16							
16-17							
17-18							
18-19							
19-20							
20-21							
21-22							
22-23							
23-24							
24-25							

MALCOLM PIRNIE, INC.

BORING: REC-5-SB-4

640 Freedom Business Center Suite 310 King of Prussia PA 19406

PROJECT NAME:	Taylor Colliery	DATE:	7/11/2008
JOB NUMBER:	5970001	LOCATION:	REC-5
DRILLING FIRM:	Hill Remediation	WEATHER:	Sunny, 90 degrees F
DRILLING METHOD:	Geoprobe 6620 DT	ELEVATION:	
DRILLER:	Darwin	DATUM:	
HELPER:		GEOLOGIST:	Chris Ortolano

SAMPLE INFORMATION										
Depth	No.	Rec. (inches)	Blows per 6"				Depth	SOIL DESCRIPTION	USCS SYMBOL	REMARKS
0-1		42	Direct Push				0-2	Fill- SAND, gravel sized pieces, dark gray, moist		PID: 1.9 Sample 0-2 @ 1355
1-2										
2-3							2-7	Fill, Ash, gravel, gray, moist		PID: 0.0
3-4										
4-5										
5-6		24						Same as above,		PID: 0.0
6-7										
7-8								E.O.B		
8-9										
9-10										
10-11										
11-12										
12-13										
13-14										
14-15										
15-16										
16-17										
17-18										
18-19										
19-20										
20-21										
21-22										
22-23										
23-24										
24-25										