



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION III

STATEMENT OF BASIS

NATIONAL CAN CORPORATION
FORMER U.S. STEEL FAIRLESS WORKS
1001 NEW FORD MILL ROAD

FAIRLESS HILLS, PENNSYLVANIA

EPA ID NO. PAD04655941

Prepared by
Office of Pennsylvania Remediation
Land and Chemicals Division
June 2016

Table of Contents

Section 1: Introduction	1
Section 2: Facility Background	2
Section 3: Summary of Environmental Investigations	3
Section 4: Corrective Action Objectives	54
Section 5: Proposed Remedy	5
Section 6: Evaluation of Proposed Remedy	6
Section 7: Financial Assurance	8
Section 8: Public Participation	9
Section 9: Index to Administrative Record	10

List of Acronyms

AOC	Areas of Concern
AR	Administrative Record
AST	Above Ground Storage Tank
COC	Contaminants of Concern
EPA	Environmental Protection Agency
FDRTC	Final Decision Response to Comments
GPRA	Government Performance and Results Act
MCL	Maximum Contaminant Level
MSC	Medium Specific Concentration
PADEP	Pennsylvania Department of Environmental Protection
RCRA	Resource Conservation and Recovery Act
RSL	Regional Screening Level
SB	Statement of Basis
UST	Underground Storage Tank
VOC	Volatile Organic Compound

Section 1: Introduction

The United States Environmental Protection Agency (EPA) has prepared this Statement of Basis (SB) to solicit public comment on its proposed remedy for a 14.2-acre parcel (Parcel) located within the US Steel Fairless Works Facility (Facility) located on 2500 acres in Fairless Hills, Pennsylvania. The Parcel was formerly leased and operated by National Can Corporation from 1967 until 1989. The Facility, including the Parcel, is subject to the corrective action provisions of the Resource Conservation and Recovery Act (RCRA). In 1993, EPA and USX Corporation (currently US Steel) entered into a RCRA Consent Order to remediate the Facility. The Parcel is currently owned by Samax Enterprises Inc.

EPA's proposed remedy for the Parcel requires implementation and/or maintenance of groundwater and land use restrictions. This SB highlights key information relied upon by EPA in proposing its remedy for the Parcel. In 2008, the Pennsylvania Department of Environmental Protection (PADEP) required U.S. Steel to implement use restrictions pursuant to the Pennsylvania Uniform Environmental Covenants Act, 27 Pa. C.S. Sections 6501-6517 (UECA). These use restrictions meet the requirements of EPA's proposed remedy. Further groundwater monitoring and/or remediation at the Parcel will be part of a Statement of Basis that addresses groundwater contamination beneath the entire 2500-acre Facility.

The Facility is subject to EPA's Corrective Action Program under the Solid Waste Disposal Act, as amended, commonly referred to as the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. §§ 6901 *et seq.* The Corrective Action Program requires that facilities subject to certain provisions of RCRA be investigated and releases of hazardous waste and hazardous constituents, usually in the form of soil or groundwater contamination, that have occurred at or from their property, be addressed. The Commonwealth of Pennsylvania (Commonwealth) is not authorized for the Corrective Action Program under Section 3006 of RCRA. Therefore, EPA retains primary authority in the Commonwealth for the Corrective Action Program.

EPA is providing a thirty (30) day public comment period on this SB. EPA may modify its proposed remedy based on comments received during this period. EPA will announce its selection of a final remedy for the Parcel in a Final Decision and Response to Comments (Final Decision) after the public comment period has ended.

Information on the Corrective Action Program as well as a fact sheet for the Parcel can be found by navigating <http://www.epa.gov/reg3wcmd/correctiveaction.htm>. The Administrative Record (AR) for the Parcel contains all documents, including data and quality assurance information, on which EPA's proposed remedy is based. See Section 8, Public Participation, below, for information on how you may review the AR.

Section 2: Facility Background

The Parcel is located at 1001 Newford Mill Road, Fairless Hills, Pennsylvania (geographic coordinates of 40° 9' 35.76" North, -74° 46' 3.43" West) in the western portion of the Facility. It is located on the Delaware River 20 miles north of Philadelphia in an area that is currently zoned for industrial use. The Parcel is currently vacant and is occupied by a 172,732 square foot warehouse, 4,916 square feet of office space and 112 paved parking spaces.

The Facility has been in operation since 1952. It once consisted of a fully integrated steel mill; it housed a coke production plant, a steel making operation, finishing and forging operations, a powerhouse and a chemical plant. The former National Can Corporation plant tinned steel for producing cans, and was never directly associated with steel making operations. The Facility is still home to a U.S. Steel finishing facility where sheet metal products are finished into galvanized sheet metal. The rest of the operations were closed down between 1982 and 1991. As part of the redevelopment of the Facility, demolition of the inactive facilities occurred between 1993 and 1995, and parcel-by-parcel investigations and cleanups are underway.

In 1998, U.S. Steel submitted a Notice of Intent to remediate under the Pennsylvania Land Recycling and Environmental Remediation Standards Act (Act 2), 35 P.S. Sections 6026.101 et seq. In 2005, U.S. Steel joined the EPA Region 3 *One Cleanup Program* – which provides a framework for RCRA facilities to satisfy EPA corrective action obligations while concurrently receiving a release from liability from PADEP for remediation when Act cleanup standards are met. In 2008, Samax received a Final Report approval from PADEP stating the investigation and remediation of the soil at the Parcel was complete under Act 2.

Section 3: Summary of Environmental Investigations

3.1 Environmental Investigations

EPA is basing its proposed remedy on several environmental investigations completed pursuant to the One Cleanup Program. As these investigations followed guidelines laid out in the Act 2 Technical Guidance, this document will refer to “Act 2” or “Pennsylvania Statewide Health Standards” (SHSs) to remain consistent with the investigation reports. Pennsylvania SHSs are equivalent to with EPA risk-based standards for the individual contaminants found at the Parcel.

3.1.1 Soil Investigation

In 1997, twelve samples were collected from surface soil surrounding the front loading dock area, near the outlet for a roof drain located at the northeastern corner of the Parcel and along the rear fence line. Semi-volatile Organic Compounds (SVOC) and metals were detected in the soil. Two soil samples collected as part of the investigations of these areas detected benzo(a)pyrene at concentrations slightly above the applicable Non-Residential Statewide Health Soil Standards. The data were used to identify potential areas of concern (AOCs) and to focus further investigations which took place in October 2007.

The Parcel Investigation/Characterization activities consisted of completing 15 test pits and the collection of 32 soil samples. The soil analytical results were compared to SHSs for direct contact exposure. Parcel soils were also compared to the soil to groundwater pathway SHSs based on the non-use aquifer criteria defined as groundwater that is not used or currently planned to be used. Previous sampling results were used to assess historic Parcel conditions. The results for the October 30, 2007 thru November 1, 2007 soil sampling analysis to characterize current conditions are summarized in Table 1.

There were no Target Compound List (TCL), Volatile Organic Compounds (VOC), Poly Aromatic Hydrocarbons (PAH), Polychlorinated Bi-Phenyls (PCBs), or Metals detected in soil samples at concentrations above applicable Pennsylvania Direct Contact Non-Residential SHS criteria. Benzo(a)pyrene was detected at much lower concentrations than found during the 1997 sampling event and therefore is not considered to be a contaminant of concern (COC) for nonresidential use.

3.1.2. Groundwater Investigation

Approximately 150 groundwater monitoring wells were installed throughout the Facility to investigate and to monitor groundwater. Generally, the wells are 40 feet or less in depth and are screened in aquifers that underlie confining beds. A limited number of areas throughout the Facility property were found to be sources of contamination to groundwater. These areas are localized, contributing small amounts of organic contaminants, such as TCE, benzene, and naphthalene and inorganic constituents, such as mercury, lead, and iron. The groundwater results

Statement of Basis

show levels elevated above federal Maximum Contaminant Levels (MCLs).

One of the 150 groundwater monitoring well, well (MW5-41-19), is located on the Parcel in the southwestern portion. In December 1996 and November 2000, groundwater from this well was sampled and analyzed for VOCs, SVOCs, pesticides/PCBs, total cyanide, total phenols, and metals. No target compounds were detected above the Non Use Aquifer groundwater SHSs or MCLs.

The unconfined aquifer beneath the Parcel is not currently used for any purpose nor are there plans for future use. The aquifer is shallow (less than 15 feet below ground surface) and its saturated thickness (20 to 40 feet) makes it an unlikely source for municipal supply. In addition, the aquifer is characterized by naturally occurring concentrations of iron and manganese that exceed EPA's Secondary Maximum Contaminant Levels for these constituents, which would affect taste and color and may cause staining and corrosion if used.

In 1999, PADEP approved a *non-use aquifer* designation for the unconfined aquifer immediately beneath the Facility including the Parcel. This approval means that there are no private domestic wells on the Facility or within 1,000 feet of the downgradient Facility boundary. This designation also requires confirmation from the local water supplier (Falls Township Water Authority) that there are no plans for future use.

3.1.3. Summary of Remedial Activities Completed

Six underground steel storage tanks (USTs) (five 8,000 gallon and one 6,000 gallon) were used to store raw materials for can-coating processes. The raw liquid materials, including solvents, primers, and varnishes were stored in the USTs and discharged into drums as needed.

The six USTs were removed by 1995. During removal activities, about 300 cubic yards of impacted soil and debris that was associated with the USTs were excavated. Impacted soils were transported to Waste Management's G.R.O.W.s Landfill in Morrisville, Pennsylvania for disposal.

3.2 Environmental Indicators

Under the Government Performance and Results Act (GPRA), EPA has set national goals to address RCRA corrective action facilities. Under GPRA, EPA evaluates two key environmental clean-up indicators for each facility: (1) Current Human Exposures Under Control, and (2) Migration of Contaminated Groundwater Under Control. The Parcel met the goals for both of these indicators on February 23, 2016.

Section 4: Corrective Action Objectives

EPA's Corrective Action Objectives for the specific environmental media at the Parcel are the following:

1. Soils

EPA's Corrective Action Objective is to comply with the cleanup objective standards and procedures developed under Act 2. PADEP compared the sampling results obtained during those investigations to SHSs. These standards are equivalent to EPA's Region III Screening Levels (RSLs) for residential and industrial soil, for individual COCs.

2. Groundwater

No target compounds were detected in the groundwater at the Parcel above their respective MCLs. However, because groundwater contamination beneath the entire 2500-acre Facility will be comprehensively addressed in a separate Statement of Basis, EPA's Corrective Action Objective for Parcel groundwater is to prohibit groundwater use that could adversely affect or interfere with the integrity and protectiveness of remedial activities required by PADEP and/or EPA at the Facility.

Section 5: Proposed Remedy

Introduction

Under this proposed remedy, some contaminants remain in the soil and groundwater above levels appropriate for residential uses (See Attachment 1 for a complete list). EPA's proposed remedy, therefore, requires compliance with and maintenance of soil and groundwater use restrictions. The land and groundwater restrictions proposed by EPA to prevent human exposure to contaminants at the Facility have already been implemented through PADEP's existing environmental covenant recorded in 2008.

1. Soils

The Parcel shall be restricted to commercial and/or industrial purposes and shall not be used for residential purposes. This restriction has been implemented through the PADEP environmental covenant recorded in 2008.

2. Groundwater

For groundwater at the Parcel, EPA is proposing to require the implementation of
Statement of Basis

institutional controls with no further remedial actions required at this time. Monitoring at the Facility has shown that groundwater under the Parcel has detected contaminants but below their MCLs and that the contamination originates from other areas within the Facility. EPA's proposed remedy for groundwater at the Parcel consists of the following groundwater use restrictions:

1. Groundwater at the Parcel shall not be used for any purpose other than the operation, maintenance, and monitoring activities currently being required by PADEP and/or EPA.
2. No new wells shall be installed on the Parcel, unless such wells are necessary for the performance or completion of remedial activities required by PADEP and/or EPA.

These restrictions have also been implemented through the PADEP environmental covenant recorded in 2008.

Any further groundwater monitoring and/or remediation at the Parcel will be part of the Sitewide monitoring program which will address Sitewide groundwater contamination associated with the Facility. This program will be implemented by the Facility under PADEP and/or EPA oversight.

3. Enforceability

The components of EPA's proposed remedy have already been implemented and are enforceable by PADEP and EPA under the 2008 environmental covenant. If EPA, in its sole discretion, deems that additional operation and maintenance and monitoring activities and/or institutional controls are necessary to protect human health or the environment, EPA has the authority to require and enforce additional corrective actions.

Section 6: Evaluation of Proposed Remedy

This section provides a description of the criteria EPA used to evaluate the proposed remedy consistent with EPA guidance.

Threshold Criteria	Evaluation
1) Protect human health and the environment	EPA's proposed remedy for the Parcel protects human health and the environment by eliminating, reducing, or controlling potential unacceptable risk through the implementation and maintenance of use restrictions. EPA's proposed remedy restricts land and groundwater use at the Parcel in accordance with actions already taken by PADEP.

Statement of Basis

2) Achieve media cleanup objectives	Investigation results at the Parcel demonstrate that soils meet current PADEP SHSs for non-residential use. These standards are equivalent with EPA Region 3 Regional Screening Levels for individual contaminants for non-residential uses. The remedy proposed in this SB would limit use of the property to non-residential uses.
3) Remediating the Source of Releases	<p>In all proposed remedies, EPA seeks to eliminate or reduce further releases of hazardous wastes and hazardous constituents that may pose a threat to human health and the environment. The Parcel has met this objective.</p> <p>The USTs and surrounding soils which were the source of contamination, have been removed from the Parcel, thereby, eliminating, to the extent practicable, further releases of hazardous constituents from on-site soils as well as the source of the groundwater contamination.</p> <p>There are no remaining large, discrete sources of waste from which constituents would be released to the environment. Groundwater is not used for potable purposes at the Parcel or at neighboring facilities. The Parcel and surrounding area are already being provided with potable water from the City's public water supply system. Therefore, EPA has determined that this criterion has been met.</p>

Balancing Criteria	Evaluation
4) Long-term effectiveness	The long term effectiveness of the remedy for the Parcel will be maintained by compliance with use restrictions by the current and all subsequent property owners bound by the controls. This will be confirmed by the annual compliance report that will be submitted to PADEP as required by the covenant.
5) Reduction of toxicity, mobility, or volume of the	Reduction has already been achieved, as demonstrated by the data from the groundwater monitoring and soil sampling results.

Statement of Basis

Hazardous Constituents	
6) Short-term effectiveness	EPA's proposed remedy does not involve any activities, such as construction or excavation that would pose short-term risks to workers, residents, and the environment.
7) Implementability	EPA's proposed remedy has already been implemented by PADEP. Both PADEP and EPA can enforce these restrictions, if necessary.
8) Cost	The costs associated with this proposed remedy are minimal (estimated cost of less than \$1000 per year).
9) Community Acceptance	EPA will evaluate community acceptance of the proposed remedy during the public comment period, and it will be described in the Final Decision.
10) State/Support Agency Acceptance	PADEP has reviewed and concurred with the proposed remedy for the Facility.

Section 7: Financial Assurance

EPA has evaluated whether financial assurance for corrective action is necessary to implement EPA's proposed remedy at the Parcel. EPA is proposing that no financial assurance be required.

Section 8: Public Participation

Interested persons are invited to comment on EPA's proposed remedy. The public comment period will last thirty (30) calendar days from the date that notice is published in a local newspaper. Comments may be submitted by mail, fax, or electronic mail to Mr. Leonard Hotham at the contact information listed below.

A public meeting will be held upon request. Requests for a public meeting should be submitted to Mr. Leonard Hotham in writing at the contact information listed below. A meeting will not be scheduled unless one is requested.

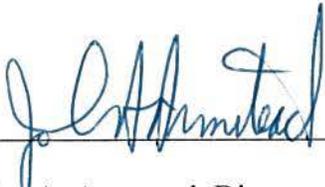
The Administrative Record contains all the information considered by EPA for the proposed remedy at this Parcel. The Administrative Record is available at the following location:

U.S. EPA Region III
1650 Arch Street
Philadelphia, PA 19103
Contact: Mr. Leonard Hotham (3LC20)
Phone: (215) 814-5778
Fax: (215) 814 - 3113
Email: hotham.leonard@epa.gov

Attachments:

Attachment 1: Contaminants of Concern
Figure 1: Map of Facility
Table 1: Soil Sample Results

Date: 6.22.16



John A. Armstead, Director
Land and Chemicals Division
US EPA, Region III

Statement of Basis

Section 9: Index to Administrative Record

Act 2 Remedial Investigation Final Report Former U.S. Steel Fairless Works, Fairless Hills, PA, Langan Engineering and Environmental Services, March 31, 2008

Environmental Covenant for Proposed Samax 14.2 Acre Parcel, Fairless Hills, PA, July 6, 2008
Letter to U.S. Steel about the One Cleanup Program Memorandum of Agreement, EPA and PADEP, September 28, 2005

Facility Decommissioning Report and Phase II Environmental Site Assessment, Levine-Fricke-Recon Inc., August 18, 1997

Attachment 1

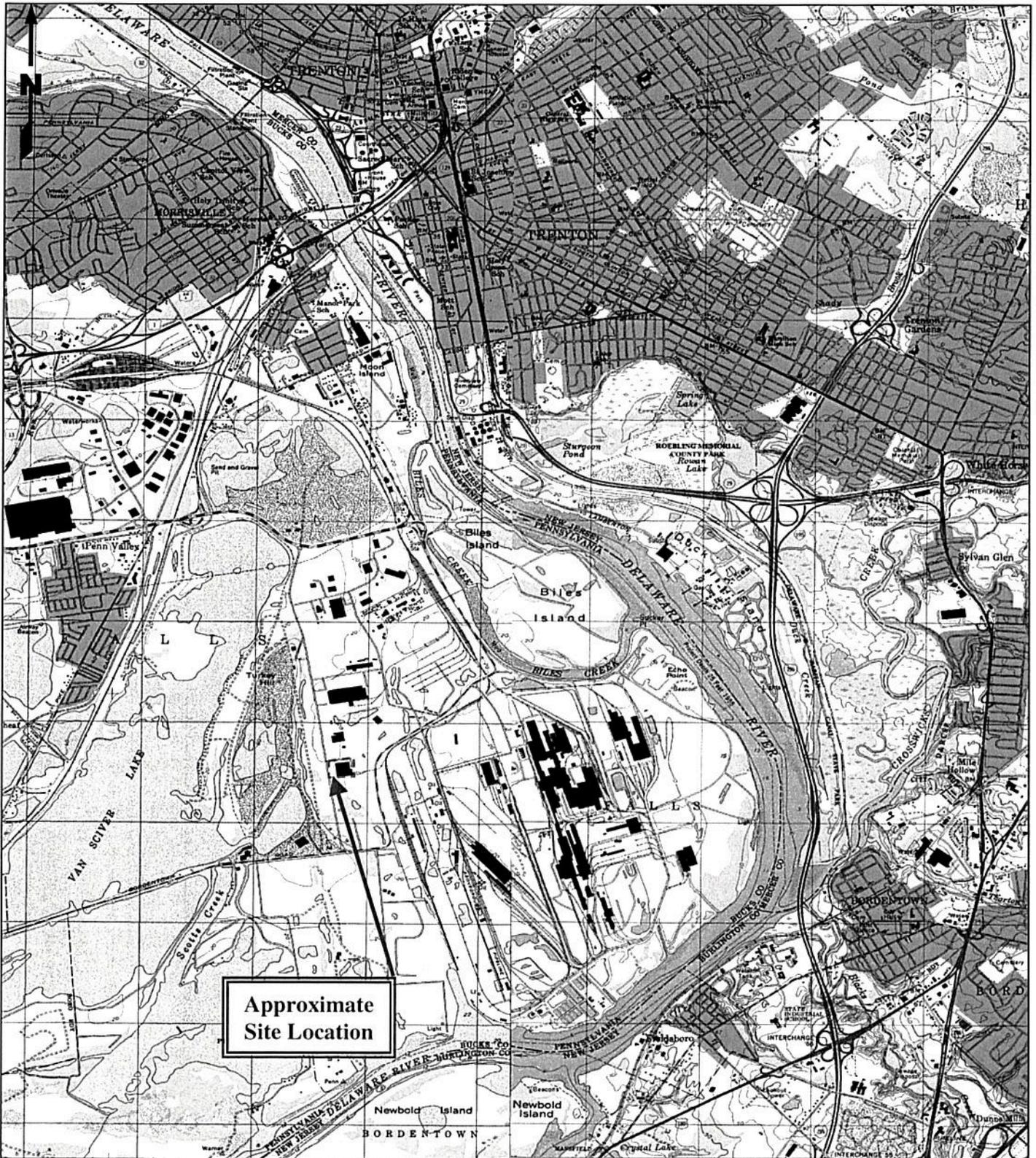
Contaminants of Concern for Residential Use at former National Can Corp.

Benzo (a) pyrene

Dibenzo (a,h)anthracene

Aroclor 1254

Figure 1



Ref. USGS Trenton East and Trenton West, NJ Quadrangles



30 S. 17th Street, Suite 1300 Philadelphia, PA 19103
 P: 215.864.0640 F: 215.864.0671
 www.langan.com

Site Location Plan
 Proposed Samax 14.2-Acre Parcel
 U.S. Steel - Keystone Industrial Port Complex

Fairless Hills

Pennsylvania

Job No. 2644301

Date 11-27-07

1" = 4,000'

Fig. 1

Table 1

Table 2
Summary of Soil Analytical Results
Comparison to Pennsylvania Non-Residential Statewide Health Direct Contact Soil MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

TCL Volatiles	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID	Sample ID	Sample Date	Depth to GW	Start Depth (ft)	End Depth (ft)	STP-1		STP-1		STP-2		STP-2		STP-2		STP-3		STP-3		STP-3		STP-3		STP-4		STP-4					
		0-2 ft	2-15 ft							Q	RL																								
		Units	Units							Result																									
Acetone	67-64-1	10,000,000	10,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	26	ND	22	ND	23	ND	23	ND	23	ND	22	ND	23	ND	22	ND	23	ND	19	ND	20	ND				
Benzene	71-43-2	210,000	240,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Bromodichloromethane	75-27-4	45,000	51,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Bromofluoromethane	75-25-2	1,500,000	1,700,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Bromomethane	74-83-9	270,000	300,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
2-Butanone	78-93-3	10,000,000	10,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Carbon Disulfide	75-15-0	10,000,000	120,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Carbon Tetrachloride	56-23-5	110,000	120,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Chlorobenzene	108-90-7	10,000,000	10,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Chloroethane	75-00-3	10,000,000	10,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Chloroform	67-66-3	17,000	19,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Chloromethane	74-87-3	920,000	1,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Isopropylbenzene	98-82-8	10,000,000	10,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Cyclohexane	110-82-7	100,000	100,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
1,2-Dibromoethane	106-93-4	930	8,600	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
1,2-Dibromo-3-chloropropane	96-12-8	11,000	12,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Dibromochloromethane	124-48-1	61,000	70,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
1,4-Dichlorobenzene	106-46-7	3,300,000	190,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
1,2-Dichlorobenzene	95-50-1	10,000,000	10,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
1,3-Dichlorobenzene	541-73-1	10,000,000	10,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Dichlorodifluoromethane	75-71-8	10,000,000	10,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
1,1-Dichloroethane	75-34-3	1,000,000	1,200,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
1,2-Dichloroethane	107-06-2	63,000	73,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
trans-1,2-Dichloroethane	156-60-5	3,700,000	4,300,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
cis-1,2-Dichloroethane	156-59-2	1,900,000	2,100,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
1,1-Dichloroethene	75-35-4	33,000	38,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
1,2-Dichloropropane	78-87-5	180,000	180,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
trans-1,3-Dichloropropene	10061-02-6	410,000	470,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
cis-1,3-Dichloropropene	10061-01-5	410,000	470,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Ethylbenzene	100-41-4	10,000,000	10,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
2-Hexanone	591-78-6	100,000	100,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Methyl Acetate	79-20-9	10,000,000	10,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Methyl Tert-Butyl Ether	1634-04-4	3,200,000	3,700,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Methylcyclohexane	108-10-1	4,900,000	4,900,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Methylene Chloride	108-87-2	NS	NS	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Methylcyclohexane	75-09-2	3,500,000	4,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
Styrene	100-42-5	1,000,000	1,000,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	4.7	ND	5.1	ND																
1,1,2,2-Tetrachloroethane	79-34-5	28,000	33,000	ND	001-STP-1-1.5-2.0	10/20/07	NA	1.50	2.00	6.5	ND	5.5	ND	5.6	ND	5.6	ND	5.6																	

Table 2
Summary of Soil Analytical Results
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

TCL Semivolatiles	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MISC		Location ID	STP-1		STP-1		STP-2		STP-2		STP-2		STP-3		STP-3		STP-3		STP-4		STP-4																						
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil		Sample ID	Depth to GW	Start Depth (ft)	End Depth (ft)	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL																			
																											Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units					
Acenaphthene	83-32-9	170,000,000	190,000,000	004-STP-1-1.5-2.0	10/30/07	NA	1.50	2.00	002-STP-1-10-10.5	10/30/07	NA	10.50	005-STP-2-1.5-2.0	10/30/07	11.00	1.50	2.00	006-STP-2-10.5-11.0	10/30/07	11.00	10.50	008-STP-3-1.5-2.0	10/30/07	11.00	1.50	2.00	009-DUP-1-10/30/07	10/30/07	11.00	1.50	2.00	010-STP-3-10.5-11	10/30/07	11.00	10.50	014-STP-4-1.5-2.0	10/31/07	11.00	1.50	2.00	015-STP-4-11.5-12	10/31/07	11.00	11.50	12.00
Acenaphthylene	208-96-8	170,000,000	190,000,000	ND	ND	6.9	13	3.5	ND	7.9	35	17	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	6.1	7.5	ND	7.5	ND	7.5	ND	7.9										
Acetophenone	98-96-2	10,000,000	10,000,000	ND	ND	3.4	ND	3.9	ND	3.9	ND	ND	ND	ND	3.6	ND	ND	3.6	ND	3.6	ND	3.9	ND	ND	3.9	ND	3.9	6.5	7.5	ND	7.5	ND	7.5	ND	7.9										
Anthracene	120-12-7	190,000,000	190,000,000	2.1	J	6.9	5.4	94	94	94	ND	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	16	7.5	ND	7.5	ND	7.5	ND	7.9										
Atrazine	1912-24-9	360,000	190,000,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	36	ND	ND	36	ND	36	ND	39	ND	ND	39	ND	39	ND	37	ND	37	ND	37	ND	39										
Benzaldehyde	100-52-7	NS	NS	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	36	ND	ND	36	ND	36	ND	39	ND	ND	39	ND	39	74	7.5	1.8	ND	7.5	ND	7.5	ND	7.9									
Benzofuran	56-55-3	110,000	190,000,000	13	ND	6.9	21	7.9	410	7.9	410	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	1.6	7.9	7.5	2.1	7.2	7.2	ND	7.9										
Benzofuran	50-32-8	11,000	190,000,000	15	ND	6.9	23	7.9	650	7.9	650	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	140	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	205-99-2	110,000	190,000,000	23	ND	6.9	34	7.9	300	7.9	300	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	1.4	7.9	7.5	56	7.5	ND	7.9	7.9										
Benzofuran	191-24-2	170,000,000	190,000,000	12	ND	6.9	12	7.9	190	7.9	190	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	56	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	207-08-9	1,100,000	190,000,000	6.5	J	6.9	11	7.9	39	7.9	39	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	39	37	ND	37	ND	39	39											
Benzofuran	92-52-4	140,000,000	190,000,000	3.1	J	3.4	ND	3.9	ND	3.9	ND	110	ND	ND	3.6	ND	ND	3.6	ND	3.6	ND	3.9	ND	ND	3.9	ND	3.9	ND	37	ND	37	ND	39	39											
Benzofuran	111-91-1	100,000	100,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	3.6	ND	ND	3.6	ND	3.6	ND	3.9	ND	ND	3.9	ND	3.9	ND	37	ND	37	ND	39	39											
Benzofuran	111-44-4	5,000	5,700	ND	ND	6.9	ND	7.9	ND	7.9	ND	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	108-60-1	160,000	190,000,000	6.9	ND	6.9	ND	7.9	ND	7.9	ND	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	117-81-7	5,700,000	10,000,000	7.6	J	34	ND	39	ND	39	ND	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	101-55-3	100,000	100,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	95-57-8	920,000	190,000,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	7005-72-3	100,000	100,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	218-01-9	11,000,000	190,000,000	18	ND	6.9	25	7.9	450	7.9	450	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	95-48-7	10,000,000	10,000,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	106-44-5	14,000,000	190,000,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	53-70-3	11,000	190,000,000	ND	ND	6.9	4	7.9	68	7.9	68	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	132-64-9	100,000	100,000	2.3	J	34	5.6	J	J	3.9	21	110	2	J	3.6	ND	ND	3.6	ND	3.6	ND	3.9	ND	ND	3.9	ND	3.9	4.5	3.7	ND	3.7	ND	3.9	3.9											
Benzofuran	91-94-1	180,000	190,000,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	120-83-2	8,400,000	190,000,000	ND	ND	6.9	ND	7.9	ND	7.9	ND	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	84-66-2	10,000,000	190,000,000	ND	ND	34	4.4	J	J	3.9	ND	110	ND	ND	3.6	ND	ND	3.6	ND	3.6	ND	3.9	ND	ND	3.9	ND	3.9	ND	3.7	ND	3.7	ND	3.9	3.9											
Benzofuran	105-67-9	10,000,000	10,000,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	131-11-3	100,000	100,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	84-74-2	10,000,000	10,000,000	16	J	34	19	J	J	3.9	21	110	2	J	3.6	ND	ND	3.6	ND	3.6	ND	3.9	ND	ND	3.9	ND	3.9	16	3.7	ND	3.7	ND	3.9	3.9											
Benzofuran	534-52-1	100,000	100,000	ND	ND	180	ND	200	ND	200	ND	590	ND	ND	180	ND	ND	180	ND	180	ND	200	ND	ND	200	ND	200	16	190	ND	190	ND	200	200											
Benzofuran	51-28-5	5,600,000	190,000,000	ND	ND	180	ND	200	ND	200	ND	590	ND	ND	180	ND	ND	180	ND	180	ND	200	ND	ND	200	ND	200	16	190	ND	190	ND	200	200											
Benzofuran	121-14-2	260,000	190,000,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	606-20-2	2,800,000	190,000,000	ND	ND	34	ND	39	ND	39	ND	110	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	206-44-0	110,000,000	190,000,000	3.7	J	6.9	21	7.9	1300	7.9	1300	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	260	7.5	4.4	J	7.2	7.2	ND	7.9										
Benzofuran	86-73-7	110,000,000	190,000,000	2.3	J	6.9	9.6	7.9	34	7.9	34	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran	118-74-1	50,000	190,000,000	ND	ND	6.9	ND	7.9	ND	7.9	ND	23	ND	ND	7.3	ND	ND	7.3	ND	7.3	ND	7.8	ND	ND	7.8	ND	7.9	ND	7.5	ND	7.5	ND	7.9	7.9											
Benzofuran</																																													

Table 2
Summary of Soil Analytical Results
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

PCB (ug/kg)	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MISC		Location ID	Sample ID	Sample Date	Depth to GW	Start Depth (ft)	End Depth (ft)	STP-1		STP-1		STP-2		STP-2		STP-3		STP-3		STP-3		STP-4		STP-4				
		0-2 ft	2-15 ft							Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q
12674-11-2		200,000	10,000,000	001-STP-1-1.5-2.0	10/30/07	10/30/07	NA	1.50	2.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
1104-28-2		160,000	10,000,000	002-STP-1-10-10.5	10/30/07	10/30/07	NA	10.00	10.50	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
11141-16-5		160,000	10,000,000	005-STP-2-1.5-2.0	10/30/07	10/30/07	11.00	1.50	2.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
53469-21-9		160,000	10,000,000	006-STP-2-10.5-11.0	10/30/07	10/30/07	11.00	10.50	11.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
12672-29-6		44,000	10,000,000	008-STP-3-1.5-2.0	10/30/07	10/30/07	11.00	1.50	2.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
11097-69-1		44,000	10,000,000	009-DUP-1-103007	10/30/07	10/30/07	11.00	1.50	2.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
11096-62-5		130,000	190,000,000	010-STP-3-10.5-11	10/30/07	10/30/07	11.00	10.50	11.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7440-36-0		1,100	190,000	014-STP-4-1.5-2.0	10/31/07	10/31/07	11.00	1.50	2.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7440-38-2		53	190,000	015-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7440-41-7		190,000	190,000	016-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7440-43-9		210	190,000	017-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7440-47-3		190,000	190,000	018-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7440-50-8		100,000	190,000	019-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7439-92-1		1,000	190,000	020-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7439-97-6		840	190,000	021-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7440-02-0		56,000	190,000	022-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7782-49-2		14,000	190,000	023-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7440-22-4		14,000	190,000	024-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7440-28-0		200	190,000	025-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
7440-66-6		190,000	190,000	026-STP-4-11.5-12	10/31/07	10/31/07	11.00	11.50	12.00	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
General Chemistry	none	NS	NS	96.9	95.2	87	92.1	85.6	85.3	89.5	92.9	85.1																		
Percent Solids																														

Table 2
Summary of Soil Analytical Results
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

TCL Volatiles	CAS No.	PADDP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID		STP-5		STP-5		STP-6		STP-6		STP-7		STP-7		STP-8		STP-8					
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Sample ID	Sample Date	Depth to GW	Start Depth (ft)	End Depth (ft)	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL		
																								Units	Units
Acetone	67-64-1	10,000,000	10,000,000	017-STP-5-1.5-2.0	10/31/07	11.00	2.00	ND	21	ND	20	ND	24	9.5	J	22	ND	21	ND	21	ND	24	ND	33	
Benzene	71-43-2	210,000	240,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Bromochloromethane	75-27-4	45,000	51,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Bromoforn	75-25-2	1,500,000	1,700,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Bromomethane	74-83-9	270,000	300,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
2-Butanone	78-93-3	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Carbon Disulfide	75-15-0	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Carbon Tetrachloride	56-23-5	110,000	120,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Chlorobenzene	108-90-7	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Chloroethane	75-00-3	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Chloroform	67-66-3	17,000	19,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Chloromethane	74-87-3	920,000	1,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Isopropylbenzene	98-82-8	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Cyclohexane	110-82-7	100,000	100,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,2-Dibromomethane	106-93-4	930	8,600	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,2-Dibromo-3-chloropropane	96-12-8	11,000	12,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Dibromochloromethane	124-48-1	61,000	70,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,4-Dichlorobenzene	106-46-7	3,300,000	190,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,2-Dichlorobenzene	95-50-1	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,3-Dichlorobenzene	541-73-1	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Dichlorodifluoromethane	75-71-8	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,1-Dichloroethane	75-34-3	1,000,000	1,200,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,2-Dichloroethane	107-06-2	63,000	73,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
trans-1,2-Dichloroethane	156-60-5	3,700,000	4,300,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
cis-1,2-Dichloroethane	156-59-2	1,900,000	2,100,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,1-Dichloroethene	75-35-4	33,000	38,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,2-Dichloropropene	78-87-5	160,000	180,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
trans-1,3-Dichloropropene	10061-02-6	410,000	470,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
cis-1,3-Dichloropropene	10061-01-5	410,000	470,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Ethylbenzene	100-41-4	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
2-Hexanone	591-78-6	100,000	100,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Methyl Acetate	79-20-9	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Methyl tert-Butyl Ether	1634-04-4	3,200,000	3,700,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
4-Methyl-2-pentanone	108-10-1	4,300,000	4,900,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Methylcyclohexane	108-87-2	NS	NS	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Methylene Chloride	75-09-2	3,500,000	4,000,000	2.3	J B	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	2.2	J	5.5	ND	5.3	1.9	ND	5.9	ND	8.3		
Styrene	100-42-5	1,000,000	1,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,1,2,2-Tetrachloroethane	79-34-5	28,000	33,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Tetrachloroethene	127-18-4	1,500,000	3,300,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Toluene	108-88-3	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Xylenes (Total)	1330-20-7	10,000,000	10,000,000	ND	ND	16	16	ND	16	ND	15	ND	18	ND	16	ND	16	ND	16	ND	16	ND	18	ND	25
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	190,000,000	190,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,2,4-Trichlorobenzene	120-92-1	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,1,1-Trichloroethane	71-56-6	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
1,1,2-Trichloroethane	79-00-5	100,000	120,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Trichloroethene	79-01-6	970,000	1,100,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Trichlorofluoroethane	75-69-4	10,000,000	10,000,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	
Vinyl Chloride	75-01-4	53,000	220,000	ND	ND	5.2	5.2	ND	5.2	ND	5.1	ND	5.9	ND	5.5	ND	5.5	5.3	ND	5.3	ND	5.9	ND	8.3	

Table 2
Summary of Soil Analytical Results
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

PCB (ug/kg)	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID		STP-5		STP-5		STP-6		STP-6		STP-7		STP-7		STP-8		STP-8		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Sample ID	Start Depth (ft)	End Depth (ft)	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL
		Units	Units	10/31/07	11.00	2.00	11.00	35	10.50	11.00	8.00	35	8.00	35	8.00	35	8.00	35	4.00	3.50	5.00	5.00
Acoclor 1016	12674-11-2	200,000	10,000,000	017-STP-5-1.5-2.0	018-STP-5-10.5-11	019-STP-6-1.5-2.0	020-STP-6-7.5-8	021-STP-7-1.5-2.0	022-STP-7-3.5-4.0	023-STP-8-1.5-2.0	024-STP-8-4.5-5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acoclor 1221	11104-28-2	160,000	10,000,000	10/31/07	10/31/07	10/31/07	10/31/07	10/31/07	10/31/07	10/31/07	10/31/07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acoclor 1232	11141-16-5	160,000	10,000,000	11.00	11.00	8.00	8.00	4.00	4.00	4.00	4.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acoclor 1242	53469-21-9	160,000	10,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acoclor 1248	12672-29-6	44,000	10,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acoclor 1254	11097-69-1	44,000	10,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acoclor 1260	11096-82-5	130,000	190,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PP Metals (mg/kg)				Units	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	
Antimony	7440-36-0	1,100	190,000	mg/kg	0.064	0.21	0.013	0.23	0.23	0.023	0.21	0.21	0.01	0.24	0.067	0.21	0.21	0.11	0.11	0.022	0.21	0.21
Arsenic	7440-38-2	53	190,000	mg/kg	3.6	0.11	4.6	0.12	2.9	0.11	4.3	0.12	2.8	0.12	2.8	0.11	2.9	0.11	0.11	2.9	0.11	5.2
Beryllium	7440-41-7	190,000	190,000	mg/kg	0.43	0.11	0.44	0.12	0.26	0.11	0.55	0.12	0.32	0.12	0.32	0.11	0.33	0.11	0.11	0.34	0.11	1.8
Cadmium	7440-43-9	210	190,000	mg/kg	0.15	0.21	0.095	0.12	0.083	0.11	0.079	0.12	0.088	0.12	0.088	0.11	0.089	0.11	0.11	0.11	0.11	7.3
Chromium	7440-47-3	190,000	190,000	mg/kg	12.2	0.21	11.4	0.23	7.9	0.21	10.1	0.24	7.9	0.24	7.9	0.21	8.4	0.22	0.22	9	0.21	64.6
Copper	7440-50-8	100,000	190,000	mg/kg	14.5	0.21	9.9	0.23	8.4	0.21	11.8	0.24	9.6	0.24	9.6	0.21	9.2	0.22	0.22	10.1	0.21	122
Lead	7439-92-1	1,000	190,000	mg/kg	7.8	0.11	8.6	0.12	5.1	0.11	10.8	0.12	5.3	0.12	5.3	0.11	7.9	0.11	0.11	8.7	0.11	176
Mercury	7439-97-6	840	190,000	mg/kg	0.029	0.035	0.024	0.038	0.011	0.035	0.028	0.039	0.013	0.039	0.013	0.035	0.013	0.037	0.023	0.023	0.023	0.73
Nickel	7440-02-0	56,000	190,000	mg/kg	10.7	0.11	12.4	0.12	9.3	0.11	12.8	0.12	10.5	0.12	10.5	0.11	9.7	0.11	0.11	10.5	0.11	40.6
Selenium	7782-49-2	14,000	190,000	mg/kg	0.43	0.54	0.5	0.58	0.28	0.53	0.79	0.59	0.33	0.59	0.33	0.53	0.39	0.55	0.55	0.43	0.54	2
Silver	7440-22-4	14,000	190,000	mg/kg	0.032	0.11	ND	0.12	ND	0.11	0.0034	0.12	ND	0.12	ND	0.11	ND	0.11	0.11	ND	0.11	1.2
Thallium	7440-28-0	200	190,000	mg/kg	0.052	0.11	0.07	0.12	0.029	0.11	0.086	0.12	0.044	0.12	0.044	0.11	0.046	0.11	0.11	0.054	0.11	0.24
Zinc	7440-66-6	190,000	190,000	mg/kg	34	0.54	30.2	0.58	23.4	0.53	31.2	0.59	24.8	0.59	24.8	0.53	24.1	0.55	0.55	29.2	0.54	1270
General Chemistry				Units	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	
Percent Solids		none	NS	Percent	93.5	86.7	94.7	84.2	93.5	93.5	1	90.2	93.3	93.3	65							

Table 2
Summary of Soil Analytical Results
Comparison to Pennsylvania Non-Residential Statewide Health Direct Contact Soil MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

TCE Volatiles	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID		STP-9		STP-9		STP-10		STP-10		STP-10		STP-10		STP-11		STP-11				
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Sample ID	Sample Date	Depth to GW	Start Depth (ft)	End Depth (ft)	Units	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
										Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
Acetone	67-64-1	10,000,000	10,000,000	025-STP-9_1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	21	15	J	25	ND	23	21	34	23	ND	22	21	J	24	
Benzene	71-43-2	210,000	240,000	026-STP-9_5.5-6.0	08/31/07	6.00	7.50	ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Bromodichloromethane	75-27-4	45,000	51,000	028-STP-10_1.5-2.0'	11/01/07	13.00	1.50	ug/kg	ND	5.3	5.7	5.7	5.7	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Bromoforn	75-25-2	1,500,000	1,700,000	029-DUP-2_110107	11/01/07	13.00	1.50	ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Bromomethane	74-83-9	270,000	300,000	030-STP-10_12.5-13'	11/01/07	13.00	1.50	ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
2-Butanone	78-93-3	10,000,000	10,000,000	032-STP-11_1.5-2.0'	11/01/07	14.50	2.00	ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Carbon Disulfide	75-15-0	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Carbon Tetrachloride	56-23-5	110,000	120,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Chlorobenzene	108-90-7	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Chloroethane	75-00-3	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Chloroform	67-66-3	17,000	19,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Chloromethane	74-87-3	920,000	1,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Isopropylbenzene	98-82-8	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Cyclohexane	110-82-7	100,000	100,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,2-Dibromoethane	106-93-4	930	8,600					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,2-Dibromo-3-chloropropane	96-12-8	11,000	12,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Dibromochloromethane	124-46-1	61,000	70,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,4-Dichlorobenzene	106-46-7	3,300,000	190,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,2-Dichlorobenzene	95-50-1	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,3-Dichlorobenzene	541-73-1	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Dichlorodifluoromethane	75-71-8	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,1-Dichloroethane	75-34-3	1,000,000	1,200,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,2-Dichloroethane	107-06-2	63,000	73,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
trans-1,2-Dichloroethane	156-60-5	3,700,000	4,300,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
cis-1,2-Dichloroethane	156-59-2	1,900,000	2,100,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,1-Dichloroethene	75-35-4	33,000	38,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,2-Dichloropropene	78-87-5	180,000	180,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
trans-1,3-Dichloropropene	10061-02-6	410,000	470,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
cis-1,3-Dichloropropene	10061-01-5	410,000	470,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Ethylbenzene	100-41-4	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
2-Hexanone	591-78-6	100,000	100,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Methyl Acetate	79-20-9	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Methyl tert-Butyl Ether	1634-04-4	3,200,000	3,700,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
4-Methyl-2-pentanone	108-10-1	4,300,000	4,900,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Methyldichloroethane	108-87-2	NS	NS					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Methylene Chloride	75-09-2	3,500,000	4,000,000					ug/kg	0.94	5.3	2.2	J	2.4	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Styrene	100-42-5	1,000,000	1,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,1,2,2-Tetrachloroethane	79-34-5	28,000	33,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Tetrachloroethene	127-18-4	1,500,000	3,300,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Toluene	108-88-3	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Xylenes (Total)	1330-20-7	10,000,000	10,000,000					ug/kg	ND	16	18	18	18	ND	17	16	ND	18	ND	17	17	18	18	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	190,000,000	190,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,2,4-Trichlorobenzene	120-82-1	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,1,1-Trichloroethane	71-55-6	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
1,1,2-Trichloroethane	79-00-5	100,000	120,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Trichloroethene	79-01-6	970,000	1,100,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Trichlorofluoromethane	75-69-4	10,000,000	10,000,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	
Vinyl Chloride	75-01-4	53,000	220,000					ug/kg	ND	5.3	6.2	6.2	6.2	ND	5.7	5.3	ND	5.9	ND	5.5	5.5	J	6	

Table 2
Summary of Soil Analytical Results
Comparison to Pennsylvania Non-Residential Statewide Health Direct Contact Soil MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

TCI SemiVolatiles	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID		STP-9		STP-9		STP-10		STP-10		STP-10		STP-10		STP-11		STP-11								
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Sample ID	Sample Date	Depth to GW	Start Depth (ft)	End Depth (ft)	Units	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL				
										Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	
Acenaphthene	83-32-9	170,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	1.8	J	7.1	ND	7.7	ND	7.4	ND	7.4	ND	7.7	7.4	ND	7.7	7.7	ND	15	ND	8	
Acenaphthylene	206-96-8	170,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	5.4	J	7.1	ND	7.7	ND	7.4	ND	7.4	ND	7.7	7.4	ND	7.7	7.7	ND	15	ND	8	
Acetaphenone	98-86-2	10,000,000	10,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	3.1	J	3.5	3.3	J	3.8	ND	3.6	ND	3.7	3.7	ND	3.7	3.7	ND	15	ND	8		
Anthracene	120-12-7	190,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	6.3	J	7.1	ND	7.7	ND	7.4	ND	7.4	ND	7.7	7.4	ND	7.7	7.7	ND	15	ND	8	
Atazane ²	1912-24-9	380,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
Benzaldehyde	100-52-7	NS	NS	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
Benzofluoranthene	56-55-3	110,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	18	J	7.1	6.3	J	7.7	7.4	19	7.4	19	7.4	7.4	ND	7.7	7.7	11	15	ND	8	
Benzofluoranthene	50-32-8	11,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	18	J	7.1	7.2	J	7.7	7.4	18	7.4	18	7.4	7.4	ND	7.7	7.7	19	15	ND	8	
Benzofluoranthene	205-99-2	110,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	26	J	7.1	9.3	J	7.7	7.4	28	7.4	28	7.4	7.4	ND	7.7	7.7	23	15	ND	8	
Benzofluoranthene	191-24-2	170,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	16	J	7.1	5.9	J	7.7	7.4	17	7.4	17	7.4	7.4	ND	7.7	7.7	16	15	ND	8	
Benzofluoranthene	207-08-9	1,100,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	6	J	7.1	3.7	J	7.7	7.4	3.5	7.4	3.5	7.4	7.4	ND	7.7	7.7	8.5	15	ND	8	
1,1-Biphenyl	92-52-4	140,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	1.9	J	3.5	ND	3.8	ND	3.6	13	7.2	J	7.4	7.4	ND	7.7	7.7	J	15	ND	40	
bis(2-Chloroethoxy) methane ²	111-91-1	100,000	100,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
bis(2-Chloroethyl) ether	111-44-4	5,000	5,700	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	7.1	ND	7.7	ND	7.4	ND	7.4	ND	7.4	7.4	ND	7.7	7.7	ND	15	ND	8	
2,2'-oxybis(1-Chloropropane)	108-60-1	160,000	190,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	7.1	ND	7.7	ND	7.4	ND	7.4	ND	7.4	7.4	ND	7.7	7.7	ND	15	ND	8	
bis(2-Ethylhexyl)phthalate	117-81-7	5,700,000	10,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	8.6	J	3.5	6.3	J	3.8	ND	8.3	3.6	8.3	3.6	3.7	3.7	ND	3.7	3.7	11	9.8	J	40
4-Bromophenyl-phenylether ²	101-55-3	100,000	100,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
Butylbenzylphthalate	85-68-7	10,000,000	10,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	9.2	J	3.5	ND	3.8	ND	3.6	6.1	J	3.7	3.7	3.7	3.7	ND	3.7	3.7	11	9	J	40
Caprolactam	105-60-2	NS	NS	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	9.2	J	3.5	ND	3.8	ND	3.6	ND	3.6	ND	3.7	3.7	ND	3.7	3.7	ND	72	ND	40	
Carbazole	86-74-8	4,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	1.9	J	7.1	ND	7.7	ND	7.4	3	7.4	3	7.4	7.4	ND	7.7	7.7	ND	15	ND	8	
4-Chloro-3-methylphenol	59-50-7	14,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
4-Chloroaniline	106-47-8	11,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
2-Chloroanthalene	91-58-7	190,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	7.1	ND	7.7	ND	7.4	ND	7.4	ND	7.4	7.4	ND	7.7	7.7	ND	15	ND	8	
2-Chlorophenol	95-57-8	920,000	1,100,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
4-Chlorophenyl-phenylether ²	7005-72-3	100,000	100,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
Chrysene	218-01-9	11,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	2.1	J	7.1	7.6	J	7.7	7.4	3.5	7.4	3.5	7.4	7.4	ND	7.7	7.7	ND	15	ND	8	
2-Methylphenol	95-48-7	10,000,000	10,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
4-Methylphenol	106-44-5	14,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	3.7	J	7.1	ND	7.7	ND	7.4	ND	7.4	ND	7.4	7.4	ND	7.7	7.7	ND	15	ND	8	
Dibenzofuran	53-70-3	11,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	2.8	J	3.5	ND	3.8	ND	3.6	19	7.4	19	7.4	7.4	ND	7.7	7.7	ND	15	ND	8	
3,3-Dichlorobenzidine	132-64-9	100,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
2,4-Dichlorophenol	120-83-2	8,400,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	7.1	ND	7.7	ND	7.4	ND	7.4	ND	7.4	7.4	ND	7.7	7.7	ND	15	ND	8	
Diethylphthalate	84-66-2	10,000,000	10,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
2,4-Dimethylphenol	105-67-9	10,000,000	10,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
Dimethylphthalate ²	131-11-3	100,000	100,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
Di-n-butylphthalate ²	84-74-2	10,000,000	10,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	9.1	J	3.7	3.7	3.7	3.7	ND	3.7	3.7	ND	72	8.3	J
4,6-Dinitro-2-methylphenol ²	534-52-1	100,000	100,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	180	ND	200	ND	190	ND	190	ND	190	190	ND	190	190	ND	370	ND	200	
2,4-Dinitrophenol	51-28-5	5,600,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	180	ND	200	ND	190	ND	190	ND	190	190	ND	190	190	ND	370	ND	200	
2,4-Dinitrofluorene	121-14-2	260,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
2,6-Dinitrofluorene	606-20-2	2,800,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	35	ND	38	ND	36	ND	36	ND	37	37	ND	37	37	ND	72	ND	40	
Fluoranthene	206-44-0	110,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	31	J	7.1	14	J	7.7	7.4	32	7.4	32	7.4	7.4	ND	7.7	7.7	ND	15	2.9	J	
Fluorene	86-73-7	110,000,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	3.2	J	7.1	ND	7.7	ND	7.4	ND	7.4	ND	7.4	7.4	ND	7.7	7.7	ND	15	ND	8	
Hexachlorobenzene	118-74-1	50,000	190,000,000	025-STP-9-1.5-2.0	10/31/07	6.00	1.50	ug/kg	ND	ND	7.1	ND	7.7	ND	7.4	ND	7.4	ND	7.4	7.4	ND	7.7	7.7	ND	15	ND	8	
Hexachlorobutadiene	87-68-3	560,000	10,000,000	025-STP-9-1.																								

Table 2
Summary of Soil Analytical Results
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

TCI Volatiles	CAS No.	PADDP Non-Residential Direct Contact Non-Use Aquifer MSC	Location ID		STP-12		STP-12		STP-13		STP-13		STP-14		STP-14		STP-15		STP-15			
			Sample ID	Sample Date	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL
			Depth to GW	Start Depth (ft)	End Depth (ft)	Units	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result
Acetone	67-64-1	10,000,000	10,000,000	10,000,000	ug/kg	ND	22	3000	JB	5600	ND	20	25	ND	20	7.8	21	ND	24	ND	24	ND
Benzene	71-43-2	210,000	240,000	240,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Bromodichloromethane	75-27-4	45,000	51,000	51,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Bromoform	75-25-2	1,500,000	1,700,000	1,700,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Bromomethane	74-83-9	270,000	300,000	300,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
2-Butanone	78-93-3	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Carbon Disulfide	75-15-0	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Carbon Tetrachloride	56-23-5	110,000	120,000	120,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Chloroethane	108-90-7	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Chloroform	75-00-3	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Chlorobenzene	67-66-3	17,000	19,000	19,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Chloromethane	74-87-3	920,000	1,000,000	1,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Isopropylbenzene	98-82-8	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	21000	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Cyclohexane	110-82-7	100,000	100,000	100,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,2-Dibromoethane	106-93-4	930	8,600	8,600	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,2-Dibromopropane	96-12-8	11,000	12,000	12,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Dibromochloromethane	124-48-1	61,000	70,000	70,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,4-Dichlorobenzene	106-46-7	3,300,000	190,000,000	190,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,2-Dichlorobenzene	95-50-1	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,3-Dichlorobenzene	54-173-1	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Dichlorodifluoromethane	75-71-8	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,1-Dichloroethane	75-34-3	1,000,000	1,200,000	1,200,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,2-Dichloroethane	107-06-2	63,000	73,000	73,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
trans-1,2-Dichloroethane	156-60-5	3,700,000	4,300,000	4,300,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
cis-1,2-Dichloroethane	156-59-2	1,900,000	2,100,000	2,100,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,1-Dichloroethene	75-35-4	33,000	38,000	38,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,2-Dichloropropane	78-87-5	160,000	180,000	180,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
trans-1,3-Dichloropropane	10061-02-6	410,000	470,000	470,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
cis-1,3-Dichloropropane	10061-01-5	410,000	470,000	470,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Ethylbenzene	100-41-4	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	760	J	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
2-Hexanone	591-78-6	100,000	100,000	100,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Methyl Acetate	79-20-9	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Methyl tert-Butyl Ether	1634-04-4	3,200,000	3,700,000	3,700,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
4-Methyl-2-pentanone	108-10-1	4,300,000	4,900,000	4,900,000	ug/kg	ND	5.5	430	J	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Methylcyclohexane	108-87-2	NS	NS	NS	ug/kg	0.87	5.5	ND	ND	2.5	JB	1.8	6.2	1.3	5	5.4	5.4	ND	6	ND	6	ND
Methylene Chloride	75-09-2	3,500,000	4,000,000	4,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Styrene	100-42-5	1,000,000	1,000,000	1,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,1,2,2-Tetrachloroethane	79-34-5	28,000	33,000	33,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Tetrachloroethene	127-18-4	1,500,000	3,300,000	3,300,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Toluene	108-88-3	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Xylenes (Total)	1330-20-7	10,000,000	10,000,000	10,000,000	ug/kg	ND	16	3600	J	4200	ND	15	19	ND	15	16	16	ND	18	ND	18	ND
1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	190,000,000	190,000,000	190,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,2,4-Trichlorobenzene	120-82-1	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,1,1-Trichloroethane	71-56-6	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
1,1,2-Trichloroethane	79-00-5	100,000	120,000	120,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Trichloroethene	79-01-6	970,000	1,100,000	1,100,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Trichloroethane	75-69-4	10,000,000	10,000,000	10,000,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND
Vinyl Chloride	75-01-4	53,000	220,000	220,000	ug/kg	ND	5.5	ND	ND	1400	ND	5.1	6.2	ND	5	5.4	5.4	ND	6	ND	6	ND

Table 2
Summary of Soil Analytical Results
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC	Location ID		STP-12		STP-12		STP-13		STP-13		STP-14		STP-14		STP-15		STP-15		
		0-2 ft	2-15 ft	Sample ID	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL	Q	RL
		Surface Soil	Sub-Surface Soil	Start Date	Depth to GW	Start Depth (ft)	End Depth (ft)	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result
PCB (ug/kg)																				
Arcochlor 1016	12674-11-2	200,000	10,000,000	034-STP-12 1.5-2.0'	035-STP-12 7.5-8.0'	003-STP-13 1.5-2.0	004-STP-13 9.5-10	012-STP-14 1.5-2.0	013-STP-14 11.5-12	036-STP-15 1.5-2.0'	037-STP-15 8.5-9.0'									
Arcochlor 1221	11104-28-2	160,000	10,000,000	11/01/07	11/01/07	10/30/07	10/30/07	10/31/07	10/31/07	11/01/07	11/01/07									
Arcochlor 1232	11141-16-5	160,000	10,000,000	8.00	8.00	10.00	10.00	12.00	12.00	9.00	9.00									
Arcochlor 1242	53469-21-9	160,000	10,000,000	1.50	1.50	1.50	1.50	11.50	11.50	1.50	1.50									
Arcochlor 1248	12672-29-6	44,000	10,000,000	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00									
Arcochlor 1264	11097-69-1	44,000	10,000,000	ND	ND	ND	ND	ND	ND	ND	ND									
Arcochlor 1260	11096-82-5	130,000	190,000,000	ND	ND	ND	ND	ND	ND	ND	ND									
PP Metals (mg/kg)																				
Antimony	7440-36-0	1,100	190,000	0.021	0.22	0.037	0.23	0.021	0.22	0.056	0.42	0.22	0.059	0.22	0.027	0.23	0.012	0.22	0.22	0.22
Arsenic	7440-38-2	53	190,000	3.8	0.11	1.7	0.11	7	0.11	5.6	4.4	3.3	3.6	0.27	0.12	1.9	0.11	0.11	0.11	
Beryllium	7440-41-7	190,000	190,000	0.38	0.11	0.25	0.11	0.48	0.11	1.4	0.38	0.41	0.3	0.3	0.12	0.22	0.11	0.11	0.11	
Cadmium	7440-43-9	210	190,000	0.12	0.11	0.097	0.11	0.19	0.11	0.13	0.089	0.11	0.094	0.11	0.081	0.12	0.057	0.11	0.11	
Chromium	7440-47-3	190,000	190,000	10.8	0.22	12.6	0.23	11.7	0.22	34.5	8.9	8.3	7.6	7.6	0.23	5.9	0.22	0.22	0.22	
Chromium	7440-50-8	100,000	190,000	13	0.22	8.8	0.23	15.3	0.22	27.3	11	10.5	11.2	11.2	0.23	7.9	0.22	0.22	0.22	
Copper	7439-92-1	1,000	190,000	9.6	0.11	4.2	0.11	15.2	0.11	15.6	8.4	7.4	8.5	8.5	0.12	4.1	0.11	0.11	0.11	
Mercury	7439-97-6	840	190,000	0.019	0.036	0.01	0.037	0.035	0.036	0.0083	0.03	0.03	0.027	0.027	0.039	0.0033	0.036	0.036	0.036	
Nickel	7440-02-0	56,000	190,000	13.6	0.11	7.9	0.11	12.2	0.11	22.4	12.3	11.1	12.6	12.6	0.12	9.6	0.11	0.11	0.11	
Selenium	7782-49-2	14,000	190,000	0.24	0.55	0.19	0.56	0.68	0.55	0.79	0.47	0.54	0.17	0.17	0.59	0.096	0.55	0.55	0.55	
Silver	7440-22-4	14,000	190,000	0.015	0.11	0.011	0.11	0.0073	0.11	0.029	0.11	0.11	0.011	0.011	0.12	0.008	0.11	0.11	0.11	
Thallium	7440-28-0	200	190,000	0.066	0.11	0.031	0.11	0.086	0.11	0.47	0.078	0.11	0.07	0.055	0.12	0.031	0.11	0.11	0.11	
Zinc	7440-66-6	190,000	190,000	33.4	0.55	26.9	0.56	38.6	0.55	53.1	28.8	27.1	28.8	28.8	0.59	22.7	0.55	0.55	0.55	
General Chemistry																				
Percent Solids	none	NS	NS																	

Laboratory Qualifiers:

Organic Qualifiers:

B = Analyte was detected in the method blank.

J = Estimated Result. Result is less than RL.

Inorganic Qualifiers:

J = Estimated Result. Result is less than RL.

B = Analyte was detected in the method blank.

Notes:

PADEP = Pennsylvania Department of Environmental Protection

MSC = PADEP's Medium Specific Concentration for surface and subsurface soil.

RL = Reporting Limit.

NS = No Act 2 Remediation Standard.

O = Laboratory Qualifier

ND = Not Detected at concentrations above the laboratory reporting limit.

ug/kg = microgram per kilogram.

mg/kg = milligram per kilogram.

1. MSC listed for cis-1,3-Dichloropropene and trans-1,3-Dichloropropene is based on the MSC for 1,3-Dichloropropene (Total).
2. Chromium III was used as the most stringent chromium standard.

Table 2
Summary of Soil Analytical Results
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

ICL Volatiles	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID	Sample ID	Sample Date	Depth to GW	Start Depth (ft)	End Depth (ft)	Units	016-FB-2-103107		007-FB-1-103007		031-FB-3-110107		011-TB-1-103107		027-TB-2-103007		038-TB-3-110107		
		0-2 ft	2-15 ft								Q	RL											
		Surface Soil	Sub-Surface								ug/kg	ug/L											
Acetone	67-64-1	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	3.2	J	5	2.8	J	5	3.3	J	5	ND	5	ND	5
Benzene	71-43-2	210,000	240,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Bromochloromethane	75-27-4	45,000	51,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Bromoforn	75-27-2	1,500,000	1,700,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Bromomethane	74-83-9	270,000	300,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
2-Butanone	78-93-3	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Carbon Disulfide	75-15-0	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Carbon Tetrachloride	56-23-5	110,000	120,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Chlorobenzene	108-90-7	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Chloroethane	75-00-3	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Chloroform	67-66-3	17,000	19,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Chloromethane	74-87-3	920,000	1,000,000	ND	ND	ND	ND	ND	ND	ug/kg	0.46	J	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	98-82-8	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Cyclohexane	110-82-7	100,000	100,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,2-Dibromoethane	106-93-4	930	8,600	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,2-Dibromo-3-chloropropane	96-12-8	11,000	12,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Dibromochloromethane	124-48-1	61,000	70,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,4-Dichlorobenzene	106-46-7	3,300,000	190,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,2-Dichlorobenzene	95-50-1	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,3-Dichlorobenzene	541-73-1	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Dichlorodifluoromethane	75-71-8	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,1-Dichloroethane	75-34-3	1,000,000	1,200,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,2-Dichloroethane	107-06-2	63,000	73,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
trans-1,2-Dichloroethane	156-60-5	3,700,000	4,300,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
cis-1,2-Dichloroethane	156-59-2	1,900,000	2,100,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,1-Dichloroethene	75-35-4	33,000	38,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,2-Dichloropropane	78-87-5	160,000	180,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
trans-1,3-Dichloropropene ¹	10061-02-6	410,000	470,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
cis-1,3-Dichloropropene ¹	10061-01-5	410,000	470,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Ethylbenzene	100-41-4	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
2-Hexanone	591-78-6	100,000	100,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Methyl Acetate	79-20-9	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Methyl tert-Butyl Ether	1634-04-4	3,200,000	3,700,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
4-Methyl-2-pentanone	108-10-1	4,300,000	4,900,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Methylcyclohexane	108-87-2	NS	NS	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Methylen Chloride	75-09-2	3,500,000	4,000,000	ND	ND	ND	ND	ND	ND	ug/kg	0.27	J	1	0.28	J,B	1	1	1	1	ND	1	0.51	J,B
Syrene	100-42-5	1,000,000	1,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,1,2,2-Tetrachloroethane	79-34-5	28,000	33,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Tetrachloroethene	127-18-4	1,500,000	3,300,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Toluene	108-88-3	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Xylenes (Total)	1330-20-7	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	190,000,000	190,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,2,4-Trichlorobenzene	120-82-1	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,1,1-Trichloroethane	71-55-6	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
1,1,2-Trichloroethane	79-00-5	100,000	120,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Trichloroethene	79-01-6	970,000	1,100,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Trichlorofluoromethane	75-69-4	10,000,000	10,000,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										
Vinyl Chloride	75-01-4	63,000	220,000	ND	ND	ND	ND	ND	ND	ug/kg	ND	ND	ND										

Table 2
Summary of Soil Analytical Results
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

TCL Semivolatiles	CAS No.	PADDP Non-Residential Direct Contact Non-Use Aquifer MSC	Location ID		Sample ID	Sample Date	Depth to GW	Start Depth (ft)	End Depth (ft)	Units	016-FB-2-103107		007-FB-1-103007		031-FB-3-110107		011-TB-1-103107		027-TB-2-103007		038-TB-3-110107			
			Surface Soil	Sub-Surface							Q	RL	Q	RL										
			0-2 ft	2-15 ft							ug/kg	ug/L	ug/kg	ug/L										
Acenaphthene	83-32-9	170,000,000	190,000,000	ND	016-FB-2-103107	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
Acenaphthylene	208-96-8	170,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Acetanaphenone	98-86-2	10,000,000	10,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
Anthracene	120-12-7	190,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Atrazine ²	1912-24-9	360,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Benzaldehyde	100-52-7	NS	NS	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Benzofuran	56-55-3	110,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
Benzofuran	50-32-8	11,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
Benzofuran	205-99-2	110,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
Benzofuran	191-24-2	170,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
Benzofuran	207-08-9	1,100,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
1,1'-Bi(phenyl)	92-52-4	140,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
bis(2-Chloroethoxy) methane ³	111-91-1	100,000	100,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
bis(2-Chloroethyl) ether	111-44-4	5,000	5,700	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
2,2'-oxybis(1-Chloropropane)	108-60-1	180,000	190,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
bis(2-Ethylhexyl)phthalate	117-81-7	5,700,000	10,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
4-Bromophenyl-phenylether ³	101-55-3	100,000	100,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Buylbenzylphthalate	85-68-7	10,000,000	10,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Carbazole	105-60-2	NS	NS	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
4-Chloro-3-methylphenol	86-74-8	4,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
4-Chloroaniline	59-50-7	14,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
2-Chloroaniline	106-47-8	11,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
2-Chlorophenol	91-58-7	190,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
2-Chlorophenol	95-57-8	920,000	1,100,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
4-Chlorophenyl-phenylether ³	7005-72-3	100,000	100,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Chrysene	218-01-9	11,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
2-Methylphenol	95-48-7	10,000,000	10,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
4-Methylphenol	106-44-5	14,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Dibenzofuran	53-70-3	11,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
Dibenzofuran ³	132-64-9	100,000	100,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
3,3'-Dichlorobenzidine	91-94-1	180,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
2,4-Dichlorophenol	120-83-2	8,400,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
Diethylphthalate	84-66-2	10,000,000	10,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
2,4-Dimethylphenol	105-67-9	10,000,000	10,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Dimethylphthalate ³	131-11-3	100,000	100,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Dih-n-butylphthalate	84-74-2	10,000,000	10,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
4-G-Dinitro-2-methylphenol ^{2,3}	534-52-1	100,000	100,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	4.8	ND	4.8	ND	4.8	ND	4.8	ND	4.8	ND	4.8	ND	4.8	ND	
2,4-Dinitrophenol	51-28-5	5,600,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	4.8	ND	4.8	ND	4.8	ND	4.8	ND	4.8	ND	4.8	ND	4.8	ND	
2,4-Dinitrotoluene	121-14-2	260,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
2,6-Dinitrotoluene	606-20-2	2,800,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Fluoranthene	206-44-0	110,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
Fluorene	86-73-7	110,000,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
Hexachlorobenzene	118-74-1	50,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19	ND	
Hexachlorobutadiene	87-68-3	560,000	10,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Hexachlorocyclopentadiene	77-47-4	10,000,000	10,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Hexachloroethane	67-72-1	2,800,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	0.96	ND	
Indeno(1,2,3-cd)pyrene	193-39-5	110,000	190,000,000	ND	C7K010229-005	10/31/07	1.00	1.00	ug/kg	0.19	ND	0.19	ND	0.19	ND	0.19	ND	0.19						

