Table 1
Summary of Test Pit Excavation Activities
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

ID	DATE	LOCATION	TOTAL DEPTH (ft bgs)	DEPTH TO GW (ft bgs)	DEPTH OF SOIL SAMPLES COLLECTED (ft bgs)	DEPTH AND DESCRIPTION OF FILL (ft bgs)	FIELD SCREENING/OBSERVATIONS/PID READINGS	ADDITIONAL COMMENTS
STP-1	10/30/2007	Southwestern portion of the Site in the former UST excavation	10.50	NE	1.5 -2.0 & 10.0 -10.5	Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of dark grey sub-angular gravel, some brown fine to medium sand grading into a brown silty fine sand, some rounded gravel, trace plastic, and angular road gravel to a completion depth of 10.5 feet bgs.	Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of dark grey sub-angular gravel, some brown fine to medium sand grading into a brown silty fine sand, some rounded gravel, trace plastic, and angular road gravel to a completion depth of 10.5 feet bgs. No evidence of groundwater was observed. Soil samples for laboratory analysis were collected from test pit STP-1 at depths of 1.5 to 2.0 ft bgs (fill) and 10.0 to 10.5 ft bgs. Registered PID readings ranged from zero ppm to 67.8 ppm (max 67.8 ppm @ 10.5 feet bgs)	Metal strap noted at 5.0 feet bgs. Terminated test pit at 10.5 feet bgs because of refusal (concrete).
STP-2	10/30/2007	Northwester portion of the Site adjacent to the front septic system	13.00	11.00	1.5-2.0 & 10.5-11.0	(0.0-3.0) Asphalt, road gravel, and slag was noted from 0.0 to 0.5 feet bgs. Brown silty fine to medium sand and rounded gravel was observed from 0.5 to 3.0 feet bgs.	Asphalt, road gravel, and slag was noted from 0.0 to 0.5 feet bgs. Fill material consisting of brown silty fine to medium sand and rounded gravel was observed from 0.5 to 3.0 feet bgs. Brown fine to medium sand, trace rounded gravel and cobbles was observed from 3.0 to a completion depth of 13.0 feet bgs. Evidence of groundwater was observed at 11.0 feet bgs. No PID readings greater than 0.0 ppm were observed. Soil samples for laboratory analysis were collected from test pit STP-2 at depths of 1.5 to 2.0 feet bgs (fill) and 10.5 to 11.0 feet bgs (soil/water interface). The test pit collapsed in the sand and cobble unit and was terminated at approximately 13.0 feet bgs.	Evidence of groundwater was observed at 11.0 feet bgs
STP-3	10/30/2007	Northwester portion of the Site adjacent to the front septic system	12.00	11.00	1.5-2.0 & 10.5-11.0	(0.0-2.0) Asphalt and slag were noted from 0.0 to 0.5 feet bgs Fill material consisting of brown silty fine sand and trace rounded gravel was encountered from 0.5 to 2.0 feet bgs.	Asphalt and slag were noted from 0.0 to 0.5 feet bgs. Fill material consisting of brown silty fine sand and trace rounded gravel was encountered from 0.5 to 2.0 feet bgs Brown fine to medium sand with some rounded cobbles was observed from 2.0 to 11.0 feet bgs. Evidence of groundwater was observed at 11.0 ft bgs No PID readings greater than 0.0 ppm were observed. Soil samples for laboratory analysis were collected from test pit STP-3 at depths of 1.5 to 2.0 feet bgs (fill) and 10.5 to 11.0 feet bgs (soil/water interface). The test pit collapsed in the sand and cobble unit and was terminated at approximately 12.0 feet bgs.	Evidence of groundwater was observed at 11.0 feet bgs.
STP-4	10/30/2007	North side of the former National Can Warehouse	14.00	12.00	1.5-2.0 &11.5-12.0	(0.0-5.0) Topsoil was encountered from 0.0 to 0.5 feet bgs Fill material consisting of brown silty find sand, trace slag and rounded gravel was encountered from 0.5 to 4.0 feet bgs.	Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of brown silty find sand, trace slag and rounded gravel was encountered from 0.5 to 4.0 feet bgs. Dark grey silt, trace fine sand was noted from 4.0 to 5.0 feet bgs Below the silt was a brown silty fine sand with trace rounded gravel from 5.0 to 12.0 feet bgs. Evidence of groundwater was observed at 12.0 feet bgs No PID readings greater than 0.0 ppm were observed. Soil samples for laboratory analysis were collected from test pit STP-4 at depths of 1.5 to 2.0 feet bgs (fill) and 11.5 to 12.0 feet bgs (soil/water interface). The test pit collapsed in the sand and gravel unit and was terminated at approximately 14.0 feet bgs.	Evidence of groundwater was observed at 12.0 feet bgs
STP-5	10/31/2007	Northeast portion of the site (BP-21)	14.00	11.00	1.5-2.0 & 10.5-11.0	(0.0-4.0) Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of brown fine to medium sand, some rounded gravel, trace silt and slag was encountered from 0.5 to 4.0 feet bgs.	Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of brown fine to medium sand, some rounded gravel, trace silt and slag was encountered from 0.5 to 4.0 feet bgs. Beneath the fill material was brown fine to medium sand, some rounded gravel, and trace silt from 4.0 to 8.0 feet bgs Beneath the sand was a brown silty fine sand, some rounded gravel was observed from 8.0 to 10.0 feet bgs. A six-inch lens of grey silt was noted from 10.0 to 10.5 feet bgs. Below the silt lens was a brown fine to medium sand, some rounded gravel from 10.5 to 14.0 feet bgs. Evidence of groundwater was observed at 11.0 feet bgs. No PID readings greater than 0.0 ppm were observed. Soil samples for laboratory analysis were collected from test pit STP-5 at depths of 1.5 to 2.0 feet bgs (fill) and 10.5 to 11.0 feet bgs (soil/water interface). The test pit collapsed in the sand and gravel unit and was terminated at approximately 14.0 feet bgs.	Evidence of groundwater was observed at 11.0 feet bgs.
STP-6	10/31/2007	Eastern portion of the Site (BP-21)	10.00	8.00	1.5-2.0 &7.5-8.0	(0.0-6.0) Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of brown fine to medium sand, some rounded gravel were observed from 0.5 to 6.0 feet bgs.	Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of brown fine to medium sand, some rounded gravel were observed from 0.5 to 6.0 feet bgs. Below the fill was dark grey silt, some clay, and trace rounded gravel from 6.0 to 8.0 feet bgs. Evidence of groundwater was observed at 8.0 feet bgs. No PID readings greater than 0.0 ppm were observed Soil samples for laboratory analysis were collected from test pit STP-6 at depths of 1.5 to 2.0 feet bgs (fill) and 7.5 to 8.0 feet bgs (soil/water interface) The test pit collapsed and was terminated at approximately 10.0 feet bgs.	Evidence of groundwater was observed at 8.0 feet bgs.
STP-7	10/31/2007	Eastern portion of the Site (BP-21)	6.00	4.00	1.5-2.0 3.5-4.0	(0.0-3.0) Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of brown fine to medium sand, some rounded gravel, trace silt was observed from 0.5 to 3.0 feet bgs	Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of brown fine to medium sand, some rounded gravel, trace silt was observed from 0.5 to 3.0 feet bgs. A dark grey silt lens was noted from 3.0 to 3.5 feet bgs. Beneath the silt was brown fine to medium sand, some rounded gravel that was observed from 3.5 to 4.0 feet bgs Beneath the sand was gravel with some fine to medium sand from 4.0 to 6.0 feet bgs Evidence of groundwater was observed at 4.0 ft bgs. No PID readings greater than 0.0 ppm were observed. Soil samples for laboratory analysis were collected from test pit STP-7 at depths of 1.5 to 2.0 ft bgs (fill) and 3.5 to 4.0 ft bgs (soil/water interface). The test pit collapsed in the gravel unit and was terminated at approximately 6.0 feet bgs	Evidence of groundwater was observed at 4.0 feet bgs
STP-8	10/31/2007	Eastern portion of the Site (BP-21) adjacent to rear septic field	8.00	5.00	1.5-2.0 & 4.5-5.0	(0.0-4.0) Topsoil and debris (paper, scrap metal and wood) were encountered from 0.0 to 0.5 ft bgs. Fill materials consisting of brown fine to medium sand, trace silt was observed from 0.5 to 4.0 feet bgs.	Topsoil and debris (paper, scrap metal and wood) were encountered from 0.0 to 0.5 ft bgs. Fill materials consisting of brown fine to medium sand, trace silt was observed from 0.5 to 4.0 feet bgs. A dark grey silt lens was observed from 4.0 to 4.5 feet bgs Gravel and some fine to medium sand was observed from 4.5 to 8.0 feet bgs. Evidence of groundwater was observed at 5.0 feet bgs. No PID readings greater than 0.0 ppm were observed. Soil samples for laboratory analysis were collected from test pit STP-8 at depths of 1.5 to 2.0 feet bgs (fill) and 4.5 to 5.0 feet bgs (soil/water interface). The test pit collapsed in the gravel unit and was terminated at approximately 8.0 feet bgs.	Evidence of groundwater was observed at 5.0 feet bgs
STP-9	10/31/2007	Southeastern portion of the Site (BP-21)	10.00	6.00	1.5-2.0 & 5.5-6.0	(0.0-5.5) Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of brown fine to medium sand and trace silt was observed from 0.5 to 5.5 feet bgs.	Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of brown fine to medium sand and trace silt was observed from 0.5 to 5.5 feet bgs. A dark grey silt lens was observed from 5.5 to 6.0 feet bgs. Gravel with some fine to medium sand was observed from 6.0 to 10.0 feet bgs. Evidence of groundwater was observed at 6.0 ft bgs. No PID readings greater than 0.0 ppm were observed Soil samples for laboratory analysis were collected from test pit STP-9 at depths of 1.5 to 2.0 feet bgs (fill) and 5.5 to 6.0 feet bgs (soil/water interface). The test pit collapsed in the gravel unit and was terminated at approximately 10.0 feet bgs.	Evidence of groundwater was observed at 6.0 feet bgs.
STP-10	10/31/2007	South portion of the Site (BP-21)	14.00	13.00	1.5-2.0 12.5-13.0	(0.0-9.0) Topsoil was encountered from 0.0 to 1.0 feet bgs. Fill material consisting of brown to black fine to medium sand, some silt, and trace rounded gravel was observed from 1.0 to 9.0 feet bgs.	Topsoil was encountered from 0.0 to 1.0 feet bgs Fill material consisting of brown to black fine to medium sand, some silt, and trace rounded gravel was observed from 1.0 to 9.0 feet bgs. Below the sand was dark grey silt, some clay, and trace fine sand from 9.0 to 13.0 feet bgs Beneath the silt, gravel and some fine to medium sand was observed from 13.0 to 14.0 feet bgs. Evidence of groundwater was observed at 13.0 ft bgs. No PID readings greater than 0.0 ppm were observed. Soil samples for laboratory analysis were collected from test pit STP-10 at depths of 1.5 to 2.0 ft bgs (fill) and 12.5 to 13.0 ft bgs (soil/water interface) The test pit collapsed in the gravel unit and was terminated at approximately 14.0 feet bgs.	Evidence of groundwater was observed at 13.0 feet bgs.
STP-11	11/1/2007	South portion of the Site (BP-21)	15.00	14.50	1.5-2.0 7.5-8.0	(0.0-6.5) Topsoil was encountered from 0.0 to 1.0 feet bgs. Fill material consisting of brown fine to medium sand, some silt, and trace rounded gravel was observed from 1.0 to 6.5 feet bgs.	Topsoil was encountered from 0.0 to 1.0 feet bgs Fill material consisting of brown fine to medium sand, some silt, and trace rounded gravel was observed from 1.0 to 6.5 feet bgs. Below the fill was a grey silty clay, trace rounded gravel and fine sand from 6.5 to 10.0 feet bgs. Brown silty fine sand and some rounded gravel was noted from 10.0 to 15 feet bgs. Evidence of groundwater was observed at 14.5 ft bgs. Registered PID readings ranged from zero ppm to 37.6 ppm (max 37.6 ppm @ 8.0 feet bgs). Soil samples for laboratory analysis were collected from test pit STP-11 at depths of 1.5 to 2.0 ft bgs (fill) and 7.5 to 8.0 ft bgs (highest PID reading) The test pit collapsed in the gravel unit and was terminated at approximately 15.0 feet bgs	Evidence of groundwater was observed at 14.5 feet bgs
STP-12	11/1/2007	Southwestern portion of the Site adjacent to the former outside drum storage area	10.00	8.00	1.5-2.0 & 7.5-8.0	(0.0-7.0) Topsoil was encountered from 0.0 to 1.0 feet bgs. Fill material consisting of brown fine to medium sand, some silt, and trace rounded gravel was observed from 1.0 to 7.0 feet bgs.	Topsoil was encountered from 0.0 to 1.0 feet bgs. Fill material consisting of brown fine to medium sand, some silt, and trace rounded gravel was observed from 1.0 to 7.0 feet bgs Below the fill was a stained grey fine to medium sand, some silt and rounded gravel from 7.0 to 9.5 feet bgs. Beneath the sand, was gravel with some fine to medium sand from 9.5 to 10.0 feet bgs. Evidence of groundwater was observed at 8.0 ft bgs. Registered PID readings ranged from zero ppm to 1863 ppm (max 1,863 ppm @ 7.5 feet bgs). Soil samples for laboratory analysis were collected from test pit STP-12 at depths of 1.5 to 2.0 feet bgs (fill) and 7.5 to 8.0 feet bgs (highest PID reading) The test pit collapsed in the gravel unit and was terminated at approximately 10.0 feet bgs.	Evidence of groundwater was observed at 8 feet bgs.
STP-13	11/1/2007	Southwester portion of the Site in the former UST excavation	10.00	NE	1.5 -2.0 & 10.0 -10.5	(0.0-10.5) Fill material consisting of a dark grey sub-angular road gravel, some fine to medium sand that graded into a brown silty fine to medium sand, some rounded gravels and cobbles was observed to a completion depth of 10.5 feet bgs	Fill material consisting of a dark grey sub-angular road gravel, some fine to medium sand that graded into a brown silty fine to medium sand, some rounded gravels and cobbles was observed to a completion depth of 10.5 feet bgs. Evidence of groundwater was not observed. Registered PID readings ranged from 0.0 ppm to 1.3 ppm (max 1.3 ppm @ 2.0 feet bgs). Soil samples for laboratory analysis were collected from test pit STP-13 at depths of 1.5 to 2.0 feet bgs (fill, highest PID hit) and 9.5 to 10.0 feet bgs (bottom of test pit). The test pit was terminated at 10.0 feet bgs because of excavator refusal (concrete).	Terminated test pit at 10.0 feet bgs because of excavator refusal (concrete)
STP-14	11/1/2007	Southwestern portion of the Site adjacent to the former outside drum storage area and the former waste solvent tank	14.00	12.00	1.5-2.0 & 11.5-12.0	(0.0-7.0) Topsoil was encountered from 0.0 to 0.5 feet bgs. Fill material consisting of brown silty fine sand, trace slag and rounded gravel was observed from 0.5 to 7.0 feet bgs.	Topsoil was encountered from 0.0 to 0.5 feet bgs Fill material consisting of brown silty fine sand, trace slag and rounded gravel was observed from 0.5 to 7.0 feet bgs. Below the fill was a brown fine to medium sand, some rounded gravel from 7.0 to 14.0 feet bgs. Evidence of groundwater was observed at 12.0 ft bgs. No PID readings greater than 0 ppm were observed. Soil samples for laboratory analysis were collected from test pit STP-14 at depths of 1.5 to 2.0 feet bgs (fill) and 11.5 to 12.0 feet bgs (soil/water interface). The test pit collapsed in the sand and gravel unit and was terminated at approximately 14.0 feet bgs.	Evidence of groundwater was observed at 12 feet bgs and a 1-inch diameter steel rod was noted at [illegible] bgs.
STP-15	11/1/2007	Southwestern portion of the Site adjacent to the roof drain outfall (leaching pit)	12.00	9.00	1.5-2.0 & 8.5-9.0)	(0.0-8.0) Topsoil was encountered from 0.0 to 1.0 feet bgs. Fill material consisting of brown fine to medium sand and rounded gravel was observed from 1.0 to 8.0 feet bgs	Topsoil was encountered from 0.0 to 1.0 feet bgs. Fill material consisting of brown fine to medium sand and rounded gravel was observed from 1.0 to 8.0 feet bgs. Brown fine sand was observed from 8.0 to 12.0 feet bgs. Evidence of groundwater was observed at 9.0 ft bgs. No PID readings greater than 0 ppm were observed. Soil samples for laboratory analysis were collected from test pit STP-15 at depths of 1.5 to 2.0 feet bgs (fill) and 8.5 to 9.0 feet bgs (soil/water interface). The test pit collapsed in the sand unit and was terminated at approximately 12.0 feet bgs.	Evidence of groundwater was observed at 9 feet bgs

Notes:
bgs - Below Ground Surface
ppm - Parts Per Million
PID - Photo Ionization Detector (readings in ppm)
STP - Test Pit (Advanced by Trackhoe Excavator)

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

	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID	STP-1			STP-1			STP-2			STP-2			STP-3			STP-3			STP-3			STP-4			STP-4		
				Sample ID	001-STP-1_1.5-2.0			002-STP-1_10-10.5			005-STP-2_1.5-2.0			006-STP-2_10.5-11.0			008-STP-3_1.5-2.0			009-DUP-1-103007			010-STP-3_10.5-11			014-STP-4_1.5-2.0			015-STP-4_11.5-12		
				Sample Date	10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/31/07			10/31/07		
				Depth to GW	NA			NA			11.00			11.00			11.00			11.00			11.00			11.00			11.00		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Start Depth (ft)	1.50			10.00			1.50			10.50			1.50			1.50			10.50			1.50			11.50		
				End Depth (ft)	2.00			10.50			2.00			11.00			2.00			2.00			11.00			2.00			12.00		
TCL Volatiles				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
Acetone	67-64-1	10,000,000	10,000,000	ug/kg	ND		26	ND		22	ND		23	ND		23	ND		22	ND		23	ND		19	ND		20	ND		26
Benzene	71-43-2	210,000	240,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Bromodichloromethane	75-27-4	45,000	51,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Bromoform	75-25-2	1,500,000	1,700,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Bromomethane	74-83-9	270,000	300,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
2-Butanone	78-93-3	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Carbon Disulfide	75-15-0	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	4	J	5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Carbon Tetrachloride	56-23-5	110,000	120,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chlorobenzene	108-90-7	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chloroethane	75-00-3	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chloroform	67-66-3	17,000	19,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chloromethane	74-87-3	920,000	1,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Isopropylbenzene	98-82-8	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Cyclohexane	110-82-7	100,000	100,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dibromoethane	106-93-4	930	8,600	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dibromo-3-chloropropane	96-12-8	11,000	12,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Dibromochloromethane	124-48-1	61,000	70,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,4-Dichlorobenzene	106-46-7	3,300,000	190,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dichlorobenzene	95-50-1	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,3-Dichlorobenzene	541-73-1	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Dichlorodifluoromethane	75-71-8	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1-Dichloroethane	75-34-3	1,000,000	1,200,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dichloroethane	107-06-2	63,000	73,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
trans-1,2-Dichloroethene	156-60-5	3,700,000	4,300,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
cis-1,2-Dichloroethene	156-59-2	1,900,000	2,100,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1-Dichloroethene	75-35-4	33,000	38,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dichloropropane	78-87-5	160,000	180,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
trans-1,3-Dichloropropene	10061-02-6	410,000	470,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
cis-1,3-Dichloropropene	10061-01-5	410,000	470,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Ethylbenzene	100-41-4	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
2-Hexanone	591-78-6	100,000	100,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methyl Acetate	79-20-9	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methyl tert-Butyl Ether	1634-04-4	3,200,000	3,700,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
4-Methyl-2-pentanone	108-10-1	4,300,000	4,900,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methylcyclohexane	108-87-2	NS	NS	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methylene Chloride	75-09-2	3,500,000	4,000,000	ug/kg	1.8	J B	6.5	1.9	J B	5.5	2.5	J B	5.6	2.6	J B	5.9	1.7	J	5.6	1.3	J	5.7	1	J	4.7	1.6	J	5.1	2.1	J B	6.4
Styrene	100-42-5	1,000,000	1,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1,2,2-Tetrachloroethane	79-34-5	28,000	33,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Tetrachloroethene	127-18-4	1,500,000	3,300,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Toluene	108-88-3	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Xylenes (Total)	1330-20-7	10,000,000	10,000,000	ug/kg	ND		19	ND		16	ND		17	ND		18	ND		17	ND		17	ND		14	ND		15	ND		19
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	190,000,000	190,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2,4-Trichlorobenzene	120-82-1	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1,1-Trichloroethane	71-55-6	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1,2-Trichloroethane	79-00-5	100,000	120,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Trichloroethene	79-01-6	970,000	1,100,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Trichlorofluoromethane	75-69-4	10,000,000	10,000,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Vinyl Chloride	75-01-4	53,000	220,000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4

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

	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID	STP-1			STP-1			STP-2			STP-2			STP-3			STP-3			STP-3			STP-4			STP-4		
				Sample ID	001-STP-1_1.5-2.0			002-STP-1_10-10.5			005-STP-2_1.5-2.0			006-STP-2_10.5-11.0			008-STP-3_1.5-2.0			009-DUP-1-103007			010-STP-3_10.5-11			014-STP-4_1.5-2.0			015-STP-4_11.5-12		
				Sample Date	10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/31/07			10/31/07		
				Depth to GW	NA			NA			11.00			11.00			11.00			11.00			11.00			11.00			11.00		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Start Depth (ft)	1.50			10.00			1.50			10.50			1.50			1.50			10.50			1.50			11.50		
				End Depth (ft)	2.00			10.50			2.00			11.00			2.00			2.00			11.00			2.00			12.00		
TCL Semivolatiles				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
Acenaphthene	83-32-9	170,000,000	190,000,000	ug/kg	ND		6.9	13		7.9	35		23	ND		7.3	ND		7.8	ND		7.9	6.1	J	7.5	ND		7.2	ND		7.9
Acenaphthylene	208-96-8	170,000,000	190,000,000	ug/kg	ND		6.9	3.5	J	7.9	17	J	23	ND		7.3	ND		7.8	ND		7.9	6.5	J	7.5	ND		7.2	ND		7.9
Acetophenone	98-86-2	10,000,000	10,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	3.2	J	36	3	J	39
Anthracene	120-12-7	190,000,000	190,000,000	ug/kg	2.1	J	6.9	5.4	J	7.9	94		23	ND		7.3	ND		7.8	ND		7.9	16		7.5	ND		7.2	ND		7.9
Atrazine[a]	1912-24-9	360,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Benzaldehyde	100-52-7	NS	NS	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Benzo(a)anthracene	56-55-3	110,000	190,000,000	ug/kg	13		6.9	21		7.9	410		23	ND		7.3	ND		7.8	ND		7.9	74		7.5	1.8	J	7.2	ND		7.9
Benzo(a)pyrene	50-32-8	11,000	190,000,000	ug/kg	15		6.9	23		7.9	410		23	ND		7.3	1.3	J	7.8	1.6	J	7.9	99		7.5	2.1	J	7.2	ND		7.9
Benzo(b)fluoranthene	205-99-2	110,000	190,000,000	ug/kg	23		6.9	34		7.9	550		23	ND		7.3	2.2	J	7.8	ND		7.9	140		7.5	ND		7.2	ND		7.9
Benzo(g,h,i)perylene	191-24-2	170,000,000	190,000,000	ug/kg	12		6.9	12		7.9	300		23	ND		7.3	ND		7.8	1.4	J	7.9	86		7.5	ND		7.2	ND		7.9
Benzo(k)fluoranthene	207-08-9	1,100,000	190,000,000	ug/kg	6.5	J	6.9	11		7.9	190		23	ND		7.3	ND		7.8	ND		7.9	56		7.5	ND		7.2	ND		7.9
1,1'-Biphenyl	92-52-4	140,000,000	190,000,000	ug/kg	3.1	J	34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
bis(2-Chloroethoxy) methane[a]	111-91-1	100,000	100,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
bis(2-Chloroethyl) ether	111-44-4	5,000	5,700	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
2,2'-oxybis(1-Chloropropane)	108-60-1	160,000	190,000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
bis-(2-Ethylhexyl)phthalate	117-81-7	5,700,000	10,000,000	ug/kg	7.6	J	34	ND		39	ND		110	7.7	J	36	10	J	39	13	J	39	ND		37	5	J	36	ND		39
4-Bromophenyl-phenylether[a]	101-55-3	100,000	100,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Butylbenzylphthalate	85-68-7	10,000,000	10,000,000	ug/kg	7.6	J	34	9	J	39	ND		110	ND		36	ND		39	ND		39	ND		37	3.8	J	36	6.2	J	39
Caprolactam	105-60-2	NS	NS	ug/kg	38		34	56		39	ND		110	37		36	40		39	55		39	34	J	37	10	J	36	13	J	39
Carbazole	86-74-8	4,000,000	190,000,000	ug/kg	2.2	J	6.9	5.2	J	7.9	96		23	ND		7.3	ND		7.8	ND		7.9	16		7.5	ND		7.2	ND		7.9
4-Chloro-3-methylphenol	59-50-7	14,000,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Chloroaniline	106-47-8	11,000,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2-Chloronapthalene	91-58-7	190,000,000	190,000,000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
2-Chlorophenol	95-57-8	920,000	1,100,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Chlorophenyl-phenylether[a]	7005-72-3	100,000	100,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Chrysene	218-01-9	11,000,000	190,000,000	ug/kg	18		6.9	25		7.9	450		23	ND		7.3	ND		7.8	ND		7.9	100		7.5	2.4	J	7.2	ND		7.9
2-Methylphenol	95-48-7	10,000,000	10,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Methylphenol [f]	106-44-5	14,000,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Dibenzo(a,h)anthracene	53-70-3	11,000	190,000,000	ug/kg	ND		6.9	4	J	7.9	68		23	ND		7.3	ND		7.8	ND		7.9	17		7.5	ND		7.2	ND		7.9
Dibenzofuran[a]	132-64-9	100,000	100,000	ug/kg	2.3	J	34	5.6	J	39	21	J	110	2	J	36	ND		39	2.1	J	39	4.5	J	37	ND		36	ND		39
3,3'-Dichlorobenzidine	91-94-1	180,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,4-Dichlorophenol	120-83-2	8,400,000	190,000,000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Diethylphthalate	84-66-2	10,000,000	10,000,000	ug/kg	ND		34	4.4	J	39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,4-Dimethylphenol	105-67-9	10,000,000	10,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Dimethylphthalate[a]	131-11-3	100,000	100,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Di-n-butylphthalate	84-74-2	10,000,000	10,000,000	ug/kg	16	J	34	19	J	39	ND		110	17	J	36	17	J	39	21	J	39	16	J	37	ND		36	ND		39
4,6-Dinitro-2-methylphenol[a,f]	534-52-1	100,000	100,000	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
2,4-Dinitrophenol	51-28-5	5,600,000	190,000,000	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
2,4-Dinitrotoluene	121-14-2	260,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,6-Dinitrotoluene	606-20-2	2,800,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Fluoranthene	206-44-0	110,000,000	190,000,000	ug/kg	37		6.9	21		7.9	1300		23	ND		7.3	2.7	J	7.8	3.2	J	7.9	260		7.5	4.4	J	7.2	ND		7.9
Fluorene	86-73-7	110,000,000	190,000,000	ug/kg	2.3	J	6.9	9.6		7.9	34		23	ND		7.3	ND		7.8	ND		7.9	6.3	J	7.5	ND		7.2	ND		7.9
Hexachlorobenzene	118-74-1	50,000	190,000,000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Hexachlorobutadiene	87-68-3	560,000	10,000,000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Hexachlorocyclopentadiene	77-47-4	10,000,000	10,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Hexachloroethane	67-72-1	2,800,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Indeno(1,2,3-cd)pyrene	193-39-5	110,000	190,000,000	ug/kg	10		6.9	11		7.9	270		23	ND		7.3	ND		7.8	ND		7.9	77		7.5	ND		7.2	ND		7.9
Isophorone	78-59-1	10,000,000	10,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2-Methylnaphthalene	91-57-6	10,000,000	10,000,000	ug/kg	2.3	J	6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Naphthalene	91-20-3	56,000,000	190,000,000	ug/kg	4.5	J	6.9	12		7.9	8.1	J	23	ND		7.3	ND		7.8	ND		7.9	3.3	J	7.5	1.9	J	7.2	ND		7.9
2-Nitroaniline[a]	88-74-4	160,000	190,000,000	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
3-Nitroaniline[a]	99-09-2	160,000	190,000,000	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
4-Nitroaniline[a]	100-01-6	160,000	190,000,000	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
Nitrobenzene	98-95-3	1,400,000	10,000,000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
2-Nitrophenol	88-75-5	22,000,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Nitrophenol	100-02-7	22,000,000	190,000,000	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
N-Nitrosodi-n-propylamine	621-64-7	11,000	10,000,000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
N-Nitrosodiphenylamine	86-30-6	10,000,000	10,000,000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.5	ND		7.5	ND		7.2	ND		7.9
Di-n-octylphthalate	117-84-0	10,000,000	10,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Pentachlorophenol	87-86-5	660,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Phenanthrene	85-01-8	190,000,000	190,000,000	ug/kg	23		6.9	16		7.9	680		23	3.2	J	7.3	3.3	J	7.8	4.5	J	7.9	110		7.5	4.6	J	7.2	3.2	J	7.9
Phenol	108-95-2	190,000,000	190,000,000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Pyrene	129-00-0	84,000,000	190,000,000	ug/kg	30		6.9	21		7.9	870		23	ND		7.3	ND		7.8	2.5	J	7.9	170		7.5	3.9	J	7.2	ND		7.9
2,4,5-Trichlorophenol	95-95-4	190,000,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,4,6-Trichlorophenol	88-06-2	840,000	190,000,000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39

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Comparison to Pennsylvania Non-Residential Statewide Health Direct Contact Soil MSCs
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-1			STP-1			STP-2			STP-2			STP-3			STP-3			STP-3			STP-4			STP-4		
				Sample ID	001-STP-1_1.5-2.0			002-STP-1_10-10.5			005-STP-2_1.5-2.0			006-STP-2_10.5-11.0			008-STP-3_1.5-2.0			009-DUP-1-103007			010-STP-3_10.5-11			014-STP-4_1.5-2.0			015-STP-4_11.5-12		
				Sample Date	10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/31/07			10/31/07		
				Depth to GW	NA			NA			11.00			11.00			11.00			11.00			11.00			11.00			11.00		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Start Depth (ft)	1.50			10.00			1.50			10.50			1.50			1.50			10.50			1.50			11.50		
				End Depth (ft)	2.00			10.50			2.00			11.00			2.00			2.00			11.00			2.00			12.00		
PCB (ug/kg)				**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**
Aroclor 1016	12674-11-2	200,000	10,000,000	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1221	11104-28-2	160,000	10,000,000	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1232	11141-16-5	160,000	10,000,000	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1242	53469-21-9	160,000	10,000,000	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1248	12672-29-6	44,000	10,000,000	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1254	11097-69-1	44,000	10,000,000	ug/kg	ND		34	ND		38	41		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1260	11096-82-5	130,000	190,000,000	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
PP Metals (mg/kg)				**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**
Antimony	7440-36-0	1,100	190,000	mg/kg	0.059	B	0.21	0.04	B	0.23	0.021	B	0.23	0.0053	B	0.22	ND		0.23	ND		0.23	0.029	B	0.22	0.022	B	0.22	0.017	B	0.24
Arsenic	7440-38-2	53	190,000	mg/kg	8.1		0.1	4.7		0.12	9.8		0.11	2.5		0.11	4.9		0.12	5		0.12	2		0.11	2	J	0.11	3.4	J	0.12
Beryllium	7440-41-7	190,000	190,000	mg/kg	1		0.1	0.44		0.12	0.47		0.11	0.21		0.11	0.39		0.12	0.39		0.12	0.23		0.11	0.3		0.11	0.29		0.12
Cadmium	7440-43-9	210	190,000	mg/kg	0.12		0.1	0.099	B	0.12	0.071	B	0.11	0.052	B	0.11	0.065	B	0.12	0.055	B	0.12	0.09	B	0.11	0.072	B	0.11	0.076	B	0.12
Chromium	7440-47-3	190,000	190,000	mg/kg	31.3	J	0.21	9.9	J	0.23	16.9	J	0.23	5.5	J	0.22	11.4	J	0.23	11.2	J	0.23	6.2	J	0.22	6.1	J	0.22	7.1	J	0.24
Copper	7440-50-8	100,000	190,000	mg/kg	27.2	J	0.21	12.6	J	0.23	12.5	J	0.23	6.8	J	0.22	10.8	J	0.23	11.6	J	0.23	8.1	J	0.22	9.3		0.22	9		0.24
Lead	7439-92-1	1,000	190,000	mg/kg	12.9		0.1	10.4		0.12	23.6		0.11	3.6		0.11	9.4		0.12	9.6		0.12	9.4		0.11	10		0.11	6.7		0.12
Mercury	7439-97-6	840	190,000	mg/kg	ND		0.034	0.031	B	0.039	0.025	B	0.038	ND		0.036	0.024	B	0.039	0.03	B	0.039	0.026	B	0.037	0.013	B	0.036	0.016	B	0.039
Nickel	7440-02-0	56,000	190000	mg/kg	20.7		0.1	12.8		0.12	9.5		0.11	7.1		0.11	12.9		0.12	12.8		0.12	7.9		0.11	7.6	J	0.11	11.5	J	0.12
Selenium	7782-49-2	14,000	190,000	mg/kg	0.68	J	0.52	0.56	B J	0.59	0.74	J	0.57	0.32	B J	0.54	0.5	B J	0.58	0.54	B J	0.59	0.41	B J	0.56	0.29	B	0.55	0.35	B	0.59
Silver	7440-22-4	14,000	190000	mg/kg	0.031	B	0.1	ND		0.12	ND		0.11	ND		0.11	ND		0.12	ND		0.12	0.0049	B	0.11	ND		0.11	ND		0.12
Thallium	7440-28-0	200	190000	mg/kg	0.47	J	0.1	0.11	B J	0.12	0.1	B J	0.11	0.027	B J	0.11	0.084	B J	0.12	0.084	B J	0.12	0.027	B J	0.11	0.054	B	0.11	0.05	B	0.12
Zinc	7440-66-6	190,000	190,000	mg/kg	53.3	J	0.52	31.8	J	0.59	36.9	J	0.57	19.6	J	0.54	28.4	J	0.58	28.8	J	0.59	27	J	0.56	20.6	J	0.55	24.7	J	0.59
General Chemistry				**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**
Percent Solids	none	NS	NS	percent	96.9			85.2			87			92.1			85.6			85.3			89.5			92.9			85.1		

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

	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		
				Sample ID	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		
				Sample Date	10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07		
				Depth to GW	11.00			11.00			8.00			8.00			4.00			4.00			5.00			5.00		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Start Depth (ft)	1.50			10.50			1.50			7.50			1.50			3.50			1.50			4.50		
				End Depth (ft)	2.00			11.00			2.00			8.00			2.00			4.00			2.00			5.00		
TCL Volatiles				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
Acetone	67-64-1	10,000,000	10,000,000	ug/kg	ND		21	ND		20	ND		24	9.5	J	22	ND		21	ND		23	ND		24	ND		33
Benzene	71-43-2	210,000	240,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Bromodichloromethane	75-27-4	45,000	51,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Bromoform	75-25-2	1,500,000	1,700,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Bromomethane	74-83-9	270,000	300,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
2-Butanone	78-93-3	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Carbon Disulfide	75-15-0	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Carbon Tetrachloride	56-23-5	110,000	120,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Chlorobenzene	108-90-7	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Chloroethane	75-00-3	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Chloroform	67-66-3	17,000	19,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Chloromethane	74-87-3	920,000	1,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Isopropylbenzene	98-82-8	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Cyclohexane	110-82-7	100,000	100,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2-Dibromoethane	106-93-4	930	8,600	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2-Dibromo-3-chloropropane	96-12-8	11,000	12,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Dibromochloromethane	124-48-1	61,000	70,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,4-Dichlorobenzene	106-46-7	3,300,000	190,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2-Dichlorobenzene	95-50-1	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,3-Dichlorobenzene	541-73-1	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Dichlorodifluoromethane	75-71-8	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,1-Dichloroethane	75-34-3	1,000,000	1,200,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2-Dichloroethane	107-06-2	63,000	73,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
trans-1,2-Dichloroethene	156-60-5	3,700,000	4,300,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
cis-1,2-Dichloroethene	156-59-2	1,900,000	2,100,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,1-Dichloroethene	75-35-4	33,000	38,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2-Dichloropropane	78-87-5	160,000	180,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
trans-1,3-Dichloropropene[1]	10061-02-6	410,000	470,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
cis-1,3-Dichloropropene[1]	10061-01-5	410,000	470,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Ethylbenzene	100-41-4	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
2-Hexanone	591-78-6	100,000	100,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Methyl Acetate	79-20-9	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Methyl tert-Butyl Ether	1634-04-4	3,200,000	3,700,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
4-Methyl-2-pentanone	108-10-1	4,300,000	4,900,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Methylcyclohexane	108-87-2	NS	NS	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Methylene Chloride	75-09-2	3,500,000	4,000,000	ug/kg	2.3	J B	5.2	1	J	5.1	1.9	J	5.9	2.2	J	5.5	1.4	J	5.3	1.9	J	5.8	3.1	J	5.9	4	J B	8.3
Styrene	100-42-5	1,000,000	1,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,1,2,2-Tetrachloroethane	79-34-5	28,000	33,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Tetrachloroethene	127-18-4	1,500,000	3,300,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Toluene	108-88-3	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Xylenes (Total)	1330-20-7	10,000,000	10,000,000	ug/kg	ND		16	ND		15	ND		18	ND		16	ND		16	ND		17	ND		18	ND		25
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	190,000,000	190,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2,4-Trichlorobenzene	120-82-1	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,1,1-Trichloroethane	71-55-6	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,1,2-Trichloroethane	79-00-5	100,000	120,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Trichloroethene	79-01-6	970,000	1,100,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Trichlorofluoromethane	75-69-4	10,000,000	10,000,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Vinyl Chloride	75-01-4	53,000	220,000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3

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

	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		
				Sample ID	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		
				Sample Date	10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07		
				Depth to GW	11.00			11.00			8.00			8.00			4.00			4.00			5.00			5.00		
		0-2 ft	2-15 ft	Start Depth (ft)	1.50			10.50			1.50			7.50			1.50			3.50			1.50			4.50		
		Surface Soil	Sub-Surface Soil	End Depth (ft)	2.00			11.00			2.00			8.00			2.00			4.00			2.00			5.00		
TCL Semivolatiles				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
Acenaphthene	83-32-9	170,000,000	190,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	3.6	J	8	ND		7.2	ND		7.4	ND		7.1	5.1	J	10
Acenaphthylene	208-96-8	170,000,000	190,000,000	ug/kg	4.2	J	7.2	ND		7.7	ND		7.1	20		8	ND		7.2	ND		7.4	2	J	7.1	26		10
Acetaphenone	98-86-2	10,000,000	10,000,000	ug/kg	3	J	35	2.7	J	38	ND		35	2.8	J	39	ND		35	ND		37	ND		35	ND		51
Anthracene	120-12-7	190,000,000	190,000,000	ug/kg	3.8	J	7.2	ND		7.7	ND		7.1	17		8	ND		7.2	ND		7.4	3.6	J	7.1	29		10
Atrazine[2]	1912-24-9	360,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Benzaldehyde	100-52-7	NS	NS	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Benzo(a)anthracene	56-55-3	110,000	190,000,000	ug/kg	15		7.2	ND		7.7	ND		7.1	44		8	1.5	J	7.2	3.1	J	7.4	19		7.1	63		10
Benzo(a)pyrene	50-32-8	11,000	190,000,000	ug/kg	16		7.2	ND		7.7	ND		7.1	51		8	1.6	J	7.2	3.2	J	7.4	21		7.1	60		10
Benzo(b)fluoranthene	205-99-2	110,000	190,000,000	ug/kg	21		7.2	ND		7.7	ND		7.1	58		8	ND		7.2	4.3	J	7.4	30		7.1	76		10
Benzo(g,h,i)perylene	191-24-2	170,000,000	190,000,000	ug/kg	12		7.2	ND		7.7	ND		7.1	42		8	ND		7.2	2	J	7.4	18		7.1	45		10
Benzo(k)fluoranthene	207-08-9	1,100,000	190,000,000	ug/kg	7.3		7.2	ND		7.7	ND		7.1	20		8	ND		7.2	1.2	J	7.4	12		7.1	31		10
1,1'-Biphenyl	92-52-4	140,000,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	4.9	J	51
bis(2-Chloroethoxy) methane[2]	111-91-1	100,000	100,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
bis(2-Chloroethyl) ether	111-44-4	5,000	5,700	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
2,2'-oxybis(1-Chloropropane)	108-60-1	160,000	190,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
bis-(2-Ethylhexyl)phthalate	117-81-7	5,700,000	10,000,000	ug/kg	7.1	J	35	5.6	J	38	4.2	J	35	5.6	J	39	5	J	35	5.3	J	37	5.4	J	35	ND		51
4-Bromophenyl-phenylether[2]	101-55-3	100,000	100,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Butylbenzylphthalate	85-68-7	10,000,000	10,000,000	ug/kg	5.9	J	35	5.5	J	38	4.3	J	35	3.8	J	39	3.5	J	35	3.7	J	37	3.2	J	35	ND		51
Caprolactam	105-60-2	NS	NS	ug/kg	9.5	J	35	13	J	38	9.5	J	35	10	J	39	7.3	J	35	ND		37	ND		35	ND		51
Carbazole	86-74-8	4,000,000	190,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	4.3	J	8	ND		7.2	ND		7.4	2.9	J	7.1	7.5	J	10
4-Chloro-3-methylphenol	59-50-7	14,000,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
4-Chloroaniline	106-47-8	11,000,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2-Chloronapthalene	91-58-7	190,000,000	190,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
2-Chlorophenol	95-57-8	920,000	1,100,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
4-Chlorophenyl-phenylether[2]	7005-72-3	100,000	100,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Chrysene	218-01-9	11,000,000	190,000,000	ug/kg	19		7.2	ND		7.7	ND		7.1	64		8	1.6	J	7.2	3.1	J	7.4	23		7.1	77		10
2-Methylphenol	95-48-7	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
4-Methylphenol	106-44-5	14,000,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Dibenzo(a,h)anthracene	53-70-3	11,000	190,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	8.9		8	ND		7.2	ND		7.4	3.6	J	7.1	13		10
Dibenzofuran[2]	132-64-9	100,000	100,000	ug/kg	ND		35	ND		38	ND		35	2.3	J	39	ND		35	ND		37	ND		35	8.2	J	51
3,3'-Dichlorobenzidine	91-94-1	180,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2,4-Dichlorophenol	120-83-2	8,400,000	190,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
Diethylphthalate	84-66-2	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2,4-Dimethylphenol	105-67-9	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Dimethylphthalate[2]	131-11-3	100,000	100,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Di-n-butylphthalate	84-74-2	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
4,6-Dinitro-2-methylphenol[2,3]	534-52-1	100,000	100,000	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
2,4-Dinitrophenol	51-28-5	5,600,000	190,000,000	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
2,4-Dinitrotoluene	121-14-2	260,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2,6-Dinitrotoluene	606-20-2	2,800,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Fluoranthene	206-44-0	110,000,000	190,000,000	ug/kg	26		7.2	ND		7.7	ND		7.1	98		8	2.8	J	7.2	5.3	J	7.4	44		7.1	120		10
Fluorene	86-73-7	110,000,000	190,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	6.9	J	8	ND		7.2	ND		7.4	ND		7.1	12		10
Hexachlorobenzene	118-74-1	50,000	190,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
Hexachlorobutadiene	87-68-3	560,000	10,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
Hexachlorocyclopentadiene	77-47-4	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Hexachloroethane	67-72-1	2,800,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Indeno(1,2,3-cd)pyrene	193-39-5	110,000	190,000,000	ug/kg	10		7.2	ND		7.7	ND		7.1	34		8	ND		7.2	ND		7.4	15		7.1	41		10
Isophorone	78-59-1	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2-Methylnaphthalene	91-57-6	10,000,000	10,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	3.4	J	8	ND		7.2	ND		7.4	ND		7.1	16		10
Naphthalene	91-20-3	56,000,000	190,000,000	ug/kg	2.3	J	7.2	ND		7.7	ND		7.1	3.9	J	8	1.7	J	7.2	1.9	J	7.4	ND		7.1	30		10
2-Nitroaniline[2]	88-74-4	160,000	190,000,000	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
3-Nitroaniline[2]	99-09-2	160,000	190,000,000	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
4-Nitroaniline[2]	100-01-6	160,000	190,000,000	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
Nitrobenzene	98-95-3	1,400,000	10,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
2-Nitrophenol	88-75-5	22,000,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
4-Nitrophenol	100-02-7	22,000,000	190,000,000	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
N-Nitrosodi-n-propylamine	621-64-7	11,000	10,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
N-Nitrosodiphenylamine	86-30-6	10,000,000	10,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
Di-n-octylphthalate	117-84-0	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Pentachlorophenol	87-86-5	660,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Phenanthrene	85-01-8	190,000,000	190,000,000	ug/kg	16		7.2	3.9	J	7.7	2.5	J	7.1	70		8	3.5	J	7.2	5.3	J	7.4	19		7.1	81		10
Phenol	108-95-2	190,000,000	190,000,000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
Pyrene	129-00-0	84,000,000	190,000,000	ug/kg	30		7.2	ND		7.7	ND		7.1	110		8	2.6	J	7.2	4.9	J	7.4	36		7.1	100		10
2,4,5-Trichlorophenol	95-95-4	190,000,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2,4,6-Trichlorophenol	88-06-2	840,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51

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

	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		
				Sample ID	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		
				Sample Date	10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07		
				Depth to GW	11.00			11.00			8.00			8.00			4.00			4.00			5.00			5.00		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Start Depth (ft)	1.50			10.50			1.50			7.50			1.50			3.50			1.50			4.50		
				End Depth (ft)	2.00			11.00			2.00			8.00			2.00			4.00			2.00			5.00		
PCB (ug/kg)				**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**
Aroclor 1016	12674-11-2	200,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1221	11104-28-2	160,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1232	11141-16-5	160,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1242	53469-21-9	160,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1248	12672-29-6	44,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1254	11097-69-1	44,000	10,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1260	11096-82-5	130,000	190,000,000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
PP Metals (mg/kg)				**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**
Antimony	7440-36-0	1,100	190,000	mg/kg	0.064	B	0.21	0.013	B	0.23	0.023	B	0.21	0.01	B	0.24	0.0067	B	0.21	0.011	B	0.22	0.022	B	0.21	0.49		0.31
Arsenic	7440-38-2	53	190,000	mg/kg	3.6	J	0.11	4.6	J	0.12	2.9	J	0.11	4.3	J	0.12	2.8	J	0.11	2.9	J	0.11	2.9	J	0.11	5.2	J	0.15
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		0.11	0.33		0.11	0.34		0.11	1.8		0.15
Cadmium	7440-43-9	210	190,000	mg/kg	0.15		0.11	0.095	B	0.12	0.083	B	0.11	0.079	B	0.12	0.088	B	0.11	0.089	B	0.11	0.11		0.11	7.3		0.15
Chromium [a]	7440-47-3	190,000	190,000	mg/kg	12.2	J	0.21	11.4	J	0.23	7.9	J	0.21	10.1	J	0.24	7.9	J	0.21	8.4	J	0.22	9	J	0.21	64.6	J	0.31
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		0.21	9.2		0.22	10.1		0.21	122		0.31
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		0.11	7.9		0.11	8.7		0.11	176		0.15
Mercury	7439-97-6	840	190,000	mg/kg	0.029	B	0.035	0.024	B	0.038	0.011	B	0.035	0.028	B	0.039	0.013	B	0.035	0.013	B	0.037	0.023	B	0.035	0.73		0.051
Nickel	7440-02-0	56,000	190000	mg/kg	10.7	J	0.11	12.4	J	0.12	9.3	J	0.11	12.8	J	0.12	10.5	J	0.11	9.7	J	0.11	10.5	J	0.11	40.6	J	0.15
Selenium	7782-49-2	14,000	190,000	mg/kg	0.43	B	0.54	0.5	B	0.58	0.28	B	0.53	0.79		0.59	0.33	B	0.53	0.39	B	0.55	0.43	B	0.54	2		0.77
Silver	7440-22-4	14,000	190000	mg/kg	0.032	B	0.11	ND		0.12	ND		0.11	0.0034	B	0.12	ND		0.11	ND		0.11	ND		0.11	1.2		0.15
Thallium	7440-28-0	200	190000	mg/kg	0.052	B	0.11	0.07	B	0.12	0.029	B	0.11	0.086	B	0.12	0.044	B	0.11	0.046	B	0.11	0.054	B	0.11	0.24		0.15
Zinc	7440-66-6	190,000	190,000	mg/kg	34	J	0.54	30.2	J	0.58	23.4	J	0.53	31.2	J	0.59	24.8	J	0.53	24.1	J	0.55	29.2	J	0.54	1270	J	0.77
General Chemistry				**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**
Percent Solids	none	NS	NS	percent	93.5			86.7			94.7			84.2			93.5		1	90.2			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

	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID	STP-9			STP-9			STP-10			STP-10			STP-10			STP-11			STP-11		
				Sample ID	025-STP-9_1.5-2.0			026-STP-9_5.5-6.0			028-STP-10_1.5-2.0'			029-DUP-2_110107			030-STP-10_12.5-13'			032-STP-11_1.5-2.0'			033-STP-11_7.5-8.0'		
				Sample Date	10/31/07			08/31/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07		
				Depth to GW	6.00			6.00			13.00			13.00			13.00			14.50			14.50		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Start Depth (ft)	1.50			7.50			1.50			1.50			12.50			1.50			7.50		
				End Depth (ft)	2.00			8.00			2.00			2.00			13.00			2.00			8.00		
TCL Volatiles				Units	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	ug/kg	ND		21	15	J	25	ND		23	ND		21	34		23	ND		22	21	J	24
Benzene	71-43-2	210,000	240,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Bromodichloromethane	75-27-4	45,000	51,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Bromoform	75-25-2	1,500,000	1,700,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Bromomethane	74-83-9	270,000	300,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
2-Butanone	78-93-3	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	7.8		5.9	ND		5.5	4.4	J	6
Carbon Disulfide	75-15-0	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Carbon Tetrachloride	56-23-5	110,000	120,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Chlorobenzene	108-90-7	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Chloroethane	75-00-3	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Chloroform	67-66-3	17,000	19,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Chloromethane	74-87-3	920,000	1,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Isopropylbenzene	98-82-8	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	1.3	J	6
Cyclohexane	110-82-7	100,000	100,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2-Dibromoethane	106-93-4	930	8,600	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2-Dibromo-3-chloropropane	96-12-8	11,000	12,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Dibromochloromethane	124-48-1	61,000	70,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,4-Dichlorobenzene	106-46-7	3,300,000	190,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2-Dichlorobenzene	95-50-1	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,3-Dichlorobenzene	541-73-1	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Dichlorodifluoromethane	75-71-8	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,1-Dichloroethane	75-34-3	1,000,000	1,200,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2-Dichloroethane	107-06-2	63,000	73,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
trans-1,2-Dichloroethene	156-60-5	3,700,000	4,300,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
cis-1,2-Dichloroethene	156-59-2	1,900,000	2,100,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,1-Dichloroethene	75-35-4	33,000	38,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2-Dichloropropane	78-87-5	160,000	180,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
trans-1,3-Dichloropropene[1]	10061-02-6	410,000	470,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
cis-1,3-Dichloropropene	10061-01-5	410,000	470,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Ethylbenzene	100-41-4	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
2-Hexanone	591-78-6	100,000	100,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Methyl Acetate	79-20-9	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Methyl tert-Butyl Ether	1634-04-4	3,200,000	3,700,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
4-Methyl-2-pentanone	108-10-1	4,300,000	4,900,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		5
Methylcyclohexane	108-87-2	NS	NS	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Methylene Chloride	75-09-2	3,500,000	4,000,000	ug/kg	0.94	J	5.3	2.2	J	6.2	2.4	J	5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Styrene	100-42-5	1,000,000	1,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,1,2,2-Tetrachloroethane	79-34-5	28,000	33,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Tetrachloroethene	127-18-4	1,500,000	3,300,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Toluene	108-88-3	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Xylenes (Total)	1330-20-7	10,000,000	10,000,000	ug/kg	ND		16	ND		18	ND		17	ND		16	ND		18	ND		17	ND		18
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	190,000,000	190,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2,4-Trichlorobenzene	120-82-1	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,1,1-Trichloroethane	71-55-6	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,1,2-Trichloroethane	79-00-5	100,000	120,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Trichloroethene	79-01-6	970,000	1,100,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Trichlorofluoromethane	75-69-4	10,000,000	10,000,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Vinyl Chloride	75-01-4	53,000	220,000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		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

	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID	STP-9			STP-9			STP-10			STP-10			STP-10			STP-11			STP-11		
				Sample ID	025-STP-9_1.5-2.0			026-STP-9_5.5-6.0			028-STP-10_1.5-2.0'			029-DUP-2_110107			030-STP-10_12.5-13'			032-STP-11_1.5-2.0'			033-STP-11_7.5-8.0'		
				Sample Date	10/31/07			08/31/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07		
				Depth to GW	6.00			6.00			13.00			13.00			13.00			14.50			14.50		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Start Depth (ft)	1.50			7.50			1.50			1.50			12.50			1.50			7.50		
				End Depth (ft)	2.00			8.00			2.00			2.00			13.00			2.00			8.00		
TCL Semivolatiles				Units	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	ug/kg	1.8	J	7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Acenaphthylene	208-96-8	170,000,000	190,000,000	ug/kg	5.4	J	7.1	ND		7.7	2.8	J	7.4	8.5		7.4	ND		7.7	ND		15	ND		8
Acetaphenone	98-86-2	10,000,000	10,000,000	ug/kg	3.1	J	35	3.3	J	38	ND		36	ND		37	ND		38	ND		72	ND		40
Anthracene	120-12-7	190,000,000	190,000,000	ug/kg	6.3	J	7.1	ND		7.7	ND		7.4	6.4	J	7.4	ND		7.7	ND		15	ND		8
Atrazine[4]	1912-24-9	360,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Benzaldehyde	100-52-7	NS	NS	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Benzo(a)anthracene	56-55-3	110,000	190,000,000	ug/kg	18		7.1	6.3	J	7.7	5.9	J	7.4	19		7.4	ND		7.7	11	J	15	ND		8
Benzo(a)pyrene	50-32-8	11,000	190,000,000	ug/kg	18		7.1	7.2	J	7.7	6.2	J	7.4	16		7.4	3.1	J	7.7	19		15	ND		8
Benzo(b)fluoranthene	205-99-2	110,000	190,000,000	ug/kg	26		7.1	9.3		7.7	7.6		7.4	28		7.4	ND		7.7	23		15	ND		8
Benzo(g,h,i)perylene	191-24-2	170,000,000	190,000,000	ug/kg	16		7.1	5.9	J	7.7	5.8	J	7.4	17		7.4	2.7	J	7.7	16		15	ND		8
Benzo(k)fluoranthene	207-08-9	1,100,000	190,000,000	ug/kg	6	J	7.1	3.7	J	7.7	3.5	J	7.4	7.2	J	7.4	ND		7.7	8.5	J	15	ND		8
1,1'-Biphenyl	92-52-4	140,000,000	190,000,000	ug/kg	1.9	J	35	ND		38	ND		36	13	J	37	ND		38	ND		72	ND		40
bis(2-Chloroethoxy) methane[7]	111-91-1	100,000	100,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
bis(2'-Chloroethyl) ether	111-44-4	5,000	5,700	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
2,2'-oxybis(1-Chloropropane)	108-60-1	160,000	190,000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
bis-(2-Ethylhexyl)phthalate	117-81-7	5,700,000	10,000,000	ug/kg	8.6	J	35	6.3	J	38	ND		36	8.3	J	37	11	J	38	33	J	72	9.8	J	40
4-Bromophenyl-phenylether[7]	101-55-3	100,000	100,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Butylbenzylphthalate	85-68-7	10,000,000	10,000,000	ug/kg	ND		35	ND		38	3.3	J	36	6.1	J	37	11	J	38	ND		72	9	J	40
Caprolactam	105-60-2	NS	NS	ug/kg	9.2	J	35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Carbazole	86-74-8	4,000,000	190,000,000	ug/kg	1.9	J	7.1	ND		7.7	ND		7.4	3	J	7.4	ND		7.7	ND		15	ND		8
4-Chloro-3-methylphenol	59-50-7	14,000,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
4-Chloroaniline	106-47-8	11,000,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2-Chloronapthalene	91-58-7	190,000,000	190,000,000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
2-Chlorophenol	95-57-8	920,000	1,100,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
4-Chlorophenyl-phenylether[7]	7005-72-3	100,000	100,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Chrysene	218-01-9	11,000,000	190,000,000	ug/kg	21		7.1	7.6	J	7.7	10		7.4	35		7.4	ND		7.7	17		15	ND		8
2-Methylphenol	95-48-7	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
4-Methylphenol	106-44-5	14,000,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Dibenzo(a,h)anthracene	53-70-3	11,000	190,000,000	ug/kg	3.7	J	7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Dibenzofuran[7]	132-64-9	100,000	100,000	ug/kg	2.8	J	35	ND		38	2.9	J	36	19	J	37	ND		38	ND		72	ND		40
3,3'-Dichlorobenzidine	91-94-1	160,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2,4-Dichlorophenol	120-83-2	8,400,000	190,000,000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Diethylphthalate	84-66-2	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2,4-Dimethylphenol	105-67-9	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Dimethylphthalate[7]	131-11-3	100,000	100,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Di-n-butylphthalate	84-74-2	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	9.1	J	37	7.9	J	38	ND		72	8.3	J	40
4,6-Dinitro-2-methylphenol[4,7]	534-52-1	100,000	100,000	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
2,4-Dinitrophenol	51-28-5	5,600,000	190,000,000	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
2,4-Dinitrotoluene	121-14-2	260,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2,6-Dinitrotoluene	606-20-2	2,800,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Fluoranthene	206-44-0	110,000,000	190,000,000	ug/kg	31		7.1	14		7.7	8.9		7.4	32		7.4	4.6	J	7.7	26		15	2.9	J	8
Fluorene	86-73-7	110,000,000	190,000,000	ug/kg	3.2	J	7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Hexachlorobenzene	118-74-1	50,000	190,000,000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Hexachlorobutadiene	87-68-3	560,000	10,000,000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Hexachlorocyclopentadiene	77-47-4	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Hexachloroethane	67-72-1	2,800,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Indeno(1,2,3-cd)pyrene	193-39-5	110,000	190,000,000	ug/kg	13		7.1	4.6	J	7.7	4.6	J	7.4	14		7.4	ND		7.7	11	J	15	ND		8
Isophorone	78-59-1	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2-Methylnaphthalene	91-57-6	10,000,000	10,000,000	ug/kg	3.9	J	7.1	ND		7.7	7.7		7.4	64		7.4	ND		7.7	ND		15	22		8
Naphthalene	91-20-3	56,000,000	190,000,000	ug/kg	7.3		7.1	ND		7.7	6	J	7.4	34		7.4	5	J	7.7	ND		15	230		8
2-Nitroaniline[7]	88-74-4	160,000	190,000,000	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
3-Nitroaniline[7]	99-09-2	160,000	190,000,000	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
4-Nitroaniline[7]	100-01-6	160,000	190,000,000	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
Nitrobenzene	98-95-3	1,400,000	10,000,000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
2-Nitrophenol	88-75-5	22,000,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
4-Nitrophenol	100-02-7	22,000,000	190,000,000	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
N-Nitrosodi-n-propylamine	621-64-7	11,000	10,000,000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
N-Nitrosodiphenylamine	86-30-6	10,000,000	10,000,000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Di-n-octylphthalate	117-84-0	10,000,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Pentachlorophenol	87-86-5	660,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Phenanthrene	85-01-8	190,000,000	190,000,000	ug/kg	22		7.1	9.1		7.7	13		7.4	67		7.4	4.6	J	7.7	12	J	15	ND		8
Phenol	108-95-2	190,000,000	190,000,000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Pyrene	129-00-0	84,000,000	190,000,000	ug/kg	28		7.1	12		7.7	11		7.4	36		7.4	4.5	J	7.7	21		15	2.4	J	8
2,4,5-Trichlorophenol	95-95-4	190,000,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2,4,6-Trichlorophenol	88-06-2	840,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40

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

	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID	STP-9			STP-9			STP-10			STP-10			STP-10			STP-11			STP-11		
				Sample ID	025-STP-9_1.5-2.0			026-STP-9_5.5-6.0			028-STP-10_1.5-2.0'			029-DUP-2_110107			030-STP-10_12.5-13'			032-STP-11_1.5-2.0'			033-STP-11_7.5-8.0'		
				Sample Date	10/31/07			08/31/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07		
				Depth to GW	6.00			6.00			13.00			13.00			13.00			14.50			14.50		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Start Depth (ft)	1.50			7.50			1.50			1.50			12.50			1.50			7.50		
				End Depth (ft)	2.00			8.00			2.00			2.00			13.00			2.00			8.00		
PCB (ug/kg)				**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Aroclor 1016	12674-11-2	200,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
Aroclor 1221	11104-28-2	160,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
Aroclor 1232	11141-16-5	160,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
Aroclor 1242	53469-21-9	160,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
Aroclor 1248	12672-29-6	44,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
Aroclor 1254	11097-69-1	44,000	10,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	35	J	36	ND		40
Aroclor 1260	11096-82-5	130,000	190,000,000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
PP Metals (mg/kg)				**Units**	**Result**	**Q**	**RL**	**Result**	**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	0.028	B	0.21	0.021	B	0.23	0.047	B	0.22	0.035	B	0.22	0.014	B	0.23	0.028	B	0.22	0.011	B	0.24
Arsenic	7440-38-2	53	190,000	mg/kg	2.9	J	0.11	4.6	J	0.12	3		0.11	3.5		0.11	6.4		0.11	4.7		0.11	4.3		0.12
Beryllium	7440-41-7	190,000	190,000	mg/kg	0.36		0.11	0.51		0.12	0.35		0.11	0.43		0.11	0.56		0.11	0.34		0.11	0.48		0.12
Cadmium	7440-43-9	210	190,000	mg/kg	0.1	B	0.11	0.097	B	0.12	0.13		0.11	0.29		0.11	0.13		0.11	0.14		0.11	0.14		0.12
Chromium	7440-47-3	190,000	190,000	mg/kg	8.3	J	0.21	11.1	J	0.23	24.9		0.22	465		0.22	10.9		0.23	8.3		0.22	10		0.24
Copper	7440-50-8	100,000	190,000	mg/kg	11.1		0.21	12.4		0.23	12.4	J	0.22	13.8	J	0.22	12.5	J	0.23	12.2	J	0.22	12.7	J	0.24
Lead	7439-92-1	1,000	190,000	mg/kg	6.9		0.11	11.4		0.12	9.5		0.11	15.9		0.11	13.6		0.11	9.4		0.11	11.8		0.12
Mercury	7439-97-6	840	190,000	mg/kg	0.021	B	0.035	0.032	B	0.038	0.033	B	0.036	0.041		0.037	0.23		0.036	0.031	B	0.036	0.018	B	0.04
Nickel	7440-02-0	56,000	190000	mg/kg	10.1	J	0.11	13.7	J	0.12	12.2		0.11	10.2		0.11	13.5		0.11	11.3		0.11	14.4		0.12
Selenium	7782-49-2	14,000	190,000	mg/kg	0.34	B	0.53	0.55	B	0.58	0.19	B	0.55	0.3	B	0.55	0.53	B	0.57	0.21	B	0.55	0.45	B	0.6
Silver	7440-22-4	14,000	190000	mg/kg	ND		0.11	ND		0.12	0.015	B	0.11	0.033	B	0.11	0.024	B	0.11	0.015	B	0.11	0.023	B	0.12
Thallium	7440-28-0	200	190000	mg/kg	0.05	B	0.11	0.082	B	0.12	0.052	B	0.11	0.061	B	0.11	0.11		0.11	0.05	B	0.11	0.089	B	0.12
Zinc	7440-66-6	190,000	190,000	mg/kg	28.3	J	0.53	34.4	J	0.58	41.8	J	0.55	59.9	J	0.55	38	J	0.57	34.8	J	0.55	36.8	J	0.6
General Chemistry				**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Percent Solids	none	NS	NS	percent	94.9			86.8			90.7			90.2			87			91.7			83.5		

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

	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		
				Sample ID	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'		
				Sample Date	11/01/07			11/01/07			10/30/07			10/30/07			10/31/07			10/31/07			11/01/07			11/01/07		
				Depth to GW	8.00			8.00			10.00			10.00			12.00			12.00			9.00			9.00		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Start Depth (ft)	1.50			7.50			1.50			9.50			1.50			11.50			1.50			8.50		
				End Depth (ft)	2.00			8.00			2.00			10.00			2.00			12.00			2.00			9.00		
TCL Volatiles				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
Acetone	67-64-1	10,000,000	10,000,000	ug/kg	ND		22	3000	J B	5600	ND		20	ND		25	ND		20	7.8	J	21	ND		24	ND		24
Benzene	71-43-2	210,000	240,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Bromodichloromethane	75-27-4	45,000	51,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Bromoform	75-25-2	1,500,000	1,700,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Bromomethane	74-83-9	270,000	300,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
2-Butanone	78-93-3	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Carbon Disulfide	75-15-0	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Carbon Tetrachloride	56-23-5	110,000	120,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Chlorobenzene	108-90-7	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Chloroethane	75-00-3	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Chloroform	67-66-3	17,000	19,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Chloromethane	74-87-3	920,000	1,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Isopropylbenzene	98-82-8	10,000,000	10,000,000	ug/kg	ND		5.5	21000		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Cyclohexane	110-82-7	100,000	100,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dibromoethane	106-93-4	930	8,600	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dibromo-3-chloropropane	96-12-8	11,000	12,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Dibromochloromethane	124-48-1	61,000	70,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,4-Dichlorobenzene	106-46-7	3,300,000	190,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dichlorobenzene	95-50-1	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,3-Dichlorobenzene	541-73-1	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Dichlorodifluoromethane	75-71-8	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,1-Dichloroethane	75-34-3	1,000,000	1,200,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dichloroethane	107-06-2	63,000	73,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
trans-1,2-Dichloroethene	156-60-5	3,700,000	4,300,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
cis-1,2-Dichloroethene	156-59-2	1,900,000	2,100,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,1-Dichloroethene	75-35-4	33,000	38,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dichloropropane	78-87-5	160,000	180,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
trans-1,3-Dichloropropene[1]	10061-02-6	410,000	470,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
cis-1,3-Dichloropropene	10061-01-5	410,000	470,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Ethylbenzene	100-41-4	10,000,000	10,000,000	ug/kg	ND		5.5	760	J	1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
2-Hexanone	591-78-6	100,000	100,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Methyl Acetate	79-20-9	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Methyl tert-Butyl Ether	1634-04-4	3,200,000	3,700,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
4-Methyl-2-pentanone	108-10-1	4,300,000	4,900,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Methylcyclohexane	108-87-2	NS	NS	ug/kg	ND		5.5	430	J	1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Methylene Chloride	75-09-2	3,500,000	4,000,000	ug/kg	0.87	J	5.5	ND		1400	2.5	J B	5.1	1.8	J B	6.2	1.3	J	5	1	J	5.4	ND		6	ND		5.9
Styrene	100-42-5	1,000,000	1,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,1,2,2-Tetrachloroethane	79-34-5	28,000	33,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Tetrachloroethene	127-18-4	1,500,000	3,300,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Toluene	108-88-3	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Xylenes (Total)	1330-20-7	10,000,000	10,000,000	ug/kg	ND		16	3500	J	4200	ND		15	ND		19	ND		15	ND		16	ND		18	ND		18
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	190,000,000	190,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2,4-Trichlorobenzene	120-82-1	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,1,1-Trichloroethane	71-55-6	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,1,2-Trichloroethane	79-00-5	100,000	120,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Trichloroethene	79-01-6	970,000	1,100,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Trichlorofluoromethane	75-69-4	10,000,000	10,000,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Vinyl Chloride	75-01-4	53,000	220,000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9

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

	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		
				Sample ID	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'		
				Sample Date	11/01/07			11/01/07			10/30/07			10/30/07			10/31/07			10/31/07			11/01/07			11/01/07		
				Depth to GW	8.00			8.00			10.00			10.00			12.00			12.00			9.00			9.00		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Start Depth (ft)	1.50			7.50			1.50			9.50			1.50			11.50			1.50			8.50		
				End Depth (ft)	2.00			8.00			2.00			10.00			2.00			12.00			2.00			9.00		
TCL Semivolatiles				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
Acenaphthene	83-32-9	170,000,000	190,000,000	ug/kg	ND		7.4	ND		1500	81		74	55		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Acenaphthylene	208-96-8	170,000,000	190,000,000	ug/kg	2.3	J	7.4	ND		1500	91		74	7.1	J	7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Acetophenone	98-86-2	10,000,000	10,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Anthracene	120-12-7	190,000,000	190,000,000	ug/kg	ND		7.4	ND		1500	280		74	94		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Atrazine[a]	1912-24-9	360,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Benzaldehyde	100-52-7	NS	NS	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Benzo(a)anthracene	56-55-3	110,000	190,000,000	ug/kg	6.6	J	7.4	ND		1500	1800		74	350		7.2	2.8	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(a)pyrene	50-32-8	11,000	190,000,000	ug/kg	10		7.4	ND		1500	1900		74	270		7.2	3.1	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(b)fluoranthene	205-99-2	110,000	190,000,000	ug/kg	11		7.4	ND		1500	2600		74	370		7.2	4.5	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(g,h,i)perylene	191-24-2	170,000,000	190,000,000	ug/kg	9.7		7.4	ND		1500	1400		74	150		7.2	1.8	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(k)fluoranthene	207-08-9	1,100,000	190,000,000	ug/kg	6.5	J	7.4	ND		1500	1000		74	140		7.2	1.5	J	7.5	ND		7.2	ND		7.8	ND		7.4
1,1'-Biphenyl	92-52-4	140,000,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	7.8	J	35	ND		37	ND		35	ND		39	ND		36
bis(2-Chloroethoxy) methane[a]	111-91-1	100,000	100,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
bis(2-Chloroethyl) ether	111-44-4	5,000	5,700	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
2,2'-oxybis(1-Chloropropane)	108-60-1	160,000	190,000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
bis-(2-Ethylhexyl)phthalate	117-81-7	5,700,000	10,000,000	ug/kg	7.9	J	36	ND		7400	ND		360	110		35	15	J	37	ND		35	18	J	39	ND		36
4-Bromophenyl-phenylether[a]	101-55-3	100,000	100,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Butylbenzylphthalate	85-68-7	10,000,000	10,000,000	ug/kg	7.1	J	36	ND		7400	ND		360	5.6	J	35	ND		37	3.6	J	35	ND		39	11	J	36
Caprolactam	105-60-2	NS	NS	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	7.9	J	35	ND		39	ND		36
Carbazole	86-74-8	4,000,000	190,000,000	ug/kg	ND		7.4	ND		1500	300		74	68		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
4-Chloro-3-methylphenol	59-50-7	14,000,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
4-Chloroaniline	106-47-8	11,000,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
2-Chloronaphthalene	91-58-7	190,000,000	190,000,000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
2-Chlorophenol	95-57-8	920,000	1,100,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
4-Chlorophenyl-phenylether[a]	7005-72-3	100,000	100,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Chrysene	218-01-9	11,000,000	190,000,000	ug/kg	12		7.4	ND		1500	2100		74	400		7.2	3.3	J	7.5	ND		7.2	ND		7.8	ND		7.4
2-Methylphenol	95-48-7	10,000,000	10,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
4-Methylphenol	106-44-5	14,000,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Dibenzo(a,h)anthracene	53-70-3	11,000	190,000,000	ug/kg	ND		7.4	ND		1500	330		74	41		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Dibenzofuran[a]	132-64-9	100,000	100,000	ug/kg	ND		36	ND		7400	45	J	360	40		35	ND		37	ND		35	ND		39	ND		36
3,3'-Dichlorobenzidine	91-94-1	180,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
2,4-Dichlorophenol	120-83-2	8,400,000	190,000,000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Diethylphthalate	84-66-2	10,000,000	10,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
2,4-Dimethylphenol	105-67-9	10,000,000	10,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Dimethylphthalate[a]	131-11-3	100,000	100,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Di-n-butylphthalate	84-74-2	10,000,000	10,000,000	ug/kg	8.3	J	36	ND		7400	ND		360	18	J	35	16	J	37	ND		35	10	J	39	10	J	36
4,6-Dinitro-2-methylphenol[a,g]	534-52-1	100,000	100,000	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		180	ND		200	ND		190
2,4-Dinitrophenol	51-28-5	5,600,000	190,000,000	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		180	ND		200	ND		190
2,4-Dinitrotoluene	121-14-2	260,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
2,6-Dinitrotoluene	606-20-2	2,800,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Fluoranthene	206-44-0	110,000,000	190,000,000	ug/kg	22		7.4	ND		1500	5100		74	710		7.2	6.9	J	7.5	ND		7.2	3.1	J	7.8	ND		7.4
Fluorene	86-73-7	110,000,000	190,000,000	ug/kg	ND		7.4	ND		1500	81		74	75		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Hexachlorobenzene	118-74-1	50,000	190,000,000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Hexachlorobutadiene	87-68-3	560,000	10,000,000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Hexachlorocyclopentadiene	77-47-4	10,000,000	10,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Hexachloroethane	67-72-1	2,800,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Indeno(1,2,3-cd)pyrene	193-39-5	110,000	190,000,000	ug/kg	4.8	J	7.4	ND		1500	1300		74	140		7.2	1.8	J	7.5	ND		7.2	ND		7.8	ND		7.4
Isophorone	78-59-1	10,000,000	10,000,000	ug/kg	ND		36	ND		7400	380		360	ND		35	ND		37	ND		35	ND		39	ND		36
2-Methylnaphthalene	91-57-6	10,000,000	10,000,000	ug/kg	ND		7.4	30000		1500	ND		74	11		7.2	ND		7.5	ND		7.2	5	J	7.8	2.5	J	7.4
Naphthalene	91-20-3	56,000,000	190,000,000	ug/kg	4.2	J	7.4	210000		1500	24	J	74	24		7.2	ND		7.5	ND		7.2	35		7.8	15		7.4
2-Nitroaniline[a]	88-74-4	160,000	190,000,000	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		180	ND		200	ND		190
3-Nitroaniline[a]	99-09-2	160,000	190,000,000	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		180	ND		200	ND		190
4-Nitroaniline[a]	100-01-6	160,000	190,000,000	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		0.18	ND		200	ND		190
Nitrobenzene	98-95-3	1,400,000	10,000,000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
2-Nitrophenol	88-75-5	22,000,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
4-Nitrophenol	100-02-7	22,000,000	190,000,000	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		180	ND		200	ND		190
N-Nitrosodi-n-propylamine	621-64-7	11,000	10,000,000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
N-Nitrosodiphenylamine	86-30-6	10,000,000	10,000,000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Di-n-octylphthalate	117-84-0	10,000,000	10,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Pentachlorophenol	87-86-5	660,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Phenanthrene	85-01-8	190,000,000	190,000,000	ug/kg	11		7.4	ND		1500	2100		74	410		7.2	5.6	J	7.5	2.6	J	7.2	4.3	J	7.8	3.8	J	7.4
Phenol	108-95-2	190,000,000	190,000,000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Pyrene	129-00-0	84,000,000	190,000,000	ug/kg	19		7.4	ND		1500	3600		74	520		7.2	5.4	J	7.5	ND		7.2	ND		7.8	ND		7.4
2,4,5-Trichlorophenol	95-95-4	190,000,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
2,4,6-Trichlorophenol	88-06-2	840,000	190,000,000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36

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

	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		
				Sample ID	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'		
				Sample Date	11/01/07			11/01/07			10/30/07			10/30/07			10/31/07			10/31/07			11/01/07			11/01/07		
				Depth to GW	8.00			8.00			10.00			10.00			12.00			12.00			9.00			9.00		
		0-2 ft Surface Soil	2-15 ft Sub-Surface Soil	Start Depth (ft)	1.50			7.50			1.50			9.50			1.50			11.50			1.50			8.50		
				End Depth (ft)	2.00			8.00			2.00			10.00			2.00			12.00			2.00			9.00		
PCB (ug/kg)				**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**
Aroclor 1016	12674-11-2	200,000	10,000,000	ug/kg	ND		36	110		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
Aroclor 1221	11104-28-2	160,000	10,000,000	ug/kg	ND		36	ND		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
Aroclor 1232	11141-16-5	160,000	10,000,000	ug/kg	ND		36	ND		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
Aroclor 1242	53469-21-9	160,000	10,000,000	ug/kg	ND		36	ND		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
Aroclor 1248	12672-29-6	44,000	10,000,000	ug/kg	ND		36	ND		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
Aroclor 1254	11097-69-1	44,000	10,000,000	ug/kg	ND		36	1100		37	130		36	35	J	36	1700		37	ND		36	ND		39	ND		36
Aroclor 1260	11096-82-5	130,000	190,000,000	ug/kg	ND		36	ND		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
PP Metals (mg/kg)				**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**
Antimony	7440-36-0	1,100	190,000	mg/kg	0.021	B	0.22	0.037	B	0.23	0.021	B	0.22	0.056	B	0.22	0.042	B	0.22	0.059	B	0.22	0.027	B	0.23	0.012	B	0.22
Arsenic	7440-38-2	53	190,000	mg/kg	3.8		0.11	1.7		0.11	7		0.11	5.6		0.11	4.4	J	0.11	3.3	J	0.11	3.6		0.12	1.9		0.11
Beryllium	7440-41-7	190,000	190,000	mg/kg	0.38		0.11	0.25		0.11	0.46		0.11	1.4		0.11	0.38		0.11	0.41		0.11	0.3		0.12	0.22		0.11
Cadmium	7440-43-9	210	190,000	mg/kg	0.12		0.11	0.097	B	0.11	0.19		0.11	0.13		0.11	0.069	B	0.11	0.094	B	0.11	0.061	B	0.12	0.057	B	0.11
Chromium[2]	7440-47-3	190,000	190,000	mg/kg	10.8		0.22	12.6		0.23	11.7	J	0.22	34.5	J	0.22	8.9	J	0.22	8.3	J	0.22	7.6		0.23	5.9		0.22
Copper	7440-50-8	100,000	190,000	mg/kg	13	J	0.22	8.8	J	0.23	15.3	J	0.22	27.3	J	0.22	11		0.22	10.5		0.22	11.2	J	0.23	7.9	J	0.22
Lead	7439-92-1	1,000	190,000	mg/kg	9.6		0.11	4.2		0.11	15.2		0.11	15.6		0.11	8.4		0.11	7.4		0.11	8.5		0.12	4.1		0.11
Mercury	7439-97-6	840	190,000	mg/kg	0.019	B	0.036	0.01	B	0.037	0.035	B	0.036	0.0083	B	0.036	0.03	B	0.037	0.0092	B	0.036	0.027	B	0.039	0.0093	B	0.036
Nickel	7440-02-0	56,000	190000	mg/kg	13.6		0.11	7.9		0.11	12.2		0.11	22.4		0.11	12.3	J	0.11	11.1	J	0.11	12.6		0.12	9.6		0.11
Selenium	7782-49-2	14,000	190,000	mg/kg	0.24	B	0.55	0.19	B	0.56	0.66	J	0.55	0.79	J	0.54	0.47	B	0.56	0.38	B	0.54	0.17	B	0.59	0.096	B	0.55
Silver	7440-22-4	14,000	190000	mg/kg	0.015	B	0.11	0.011	B	0.11	0.0073	B	0.11	0.029	B	0.11	ND		0.11	ND		0.11	0.011	B	0.12	0.008	B	0.11
Thallium	7440-28-0	200	190000	mg/kg	0.066	B	0.11	0.031	B	0.11	0.086	B J	0.11	0.47	J	0.11	0.078	B	0.11	0.07	B	0.11	0.055	B	0.12	0.031	B	0.11
Zinc	7440-66-6	190,000	190,000	mg/kg	33.4	J	0.55	26.9	J	0.56	38.6	J	0.55	53.1	J	0.54	28.8	J	0.56	27.1	J	0.54	28.8	J	0.59	22.7	J	0.55
General Chemistry				**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**
Percent Solids	none	NS	NS	percent	90.5	-	-	88.6	-	-	90.7			92.2			88.9			92.1			85.4			91		

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 = Pensylvannia Department of Environmental Protection

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

RL = Reporting Limit.

NS = No Act 2 Remediation Standard.

Q = Laboratory Qualifier

ND = Not Detetected 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 aNDtrans-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
Comparison to Pennsylvania Non-Residential Statewide Health Direct Contact Soil MSCs
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	016-FB-2-103107			007-FB-1_103007			031-FB-3_110107			011-TB-1-103107			027-TB-2_103007			038-TB-3_110107		
				Sample ID	C7K010229-005			C7J310198-007			C7K020245-004			C7J310198-011			C7K010229-016			C7K020245-011		
				Sample Date	10/31/07			10/30/07			10/30/07			10/31/07			10/30/07			10/30/07		
				Depth to GW	WATER			WATER			WATER			WATER			WATER			WATER		
		0-2 ft Surface Soil	2-15 ft Sub-Surface	Start Depth (ft)	1.00			1.00			1.00			1.00			1.00			1.00		
				End Depth (ft)	ug/L			ug/L			ug/L			ug/L			ug/L			ug/L		
TCL Volatiles				Units	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	ug/kg	ND		5	3.2	J	5	2.8	J	5	3.3	J	5	ND		5	ND		5
Benzene	71-43-2	210,000	240,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Bromodichloromethane	75-27-4	45,000	51,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Bromoform	75-25-2	1,500,000	1,700,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Bromomethane	74-83-9	270,000	300,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
2-Butanone	78-93-3	10,000,000	10,000,000	ug/kg	ND		5	ND		5	ND		5	ND		5	ND		5	ND		5
Carbon Disulfide	75-15-0	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Carbon Tetrachloride	56-23-5	110,000	120,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chlorobenzene	108-90-7	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chloroethane	75-00-3	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chloroform	67-66-3	17,000	19,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chloromethane	74-87-3	920,000	1,000,000	ug/kg	0.46	J	1	ND		1	ND		1	ND		1	ND		1	ND		1
Isopropylbenzene	98-82-8	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Cyclohexane	110-82-7	100,000	100,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dibromoethane	106-93-4	930	8,600	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dibromo-3-chloropropane	96-12-8	11,000	12,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Dibromochloromethane	124-48-1	61,000	70,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,4-Dichlorobenzene	106-46-7	3,300,000	190,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dichlorobenzene	95-50-1	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,3-Dichlorobenzene	541-73-1	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Dichlorodifluoromethane	75-71-8	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1-Dichloroethane	75-34-3	1,000,000	1,200,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dichloroethane	107-06-2	63,000	73,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
trans-1,2-Dichloroethene	156-60-5	3,700,000	4,300,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
cis-1,2-Dichloroethene	156-59-2	1,900,000	2,100,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1-Dichloroethene	75-35-4	33,000	38,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dichloropropane	78-87-5	160,000	180,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
trans-1,3-Dichloropropene[1]	10061-02-6	410,000	470,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
cis-1,3-Dichloropropene	10061-01-5	410,000	470,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Ethylbenzene	100-41-4	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
2-Hexanone	591-78-6	100,000	100,000	ug/kg	ND		5	ND		5	ND		5	ND		5	ND		5	ND		5
Methyl Acetate	79-20-9	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Methyl tert-Butyl Ether	1634-04-4	3,200,000	3,700,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
4-Methyl-2-pentanone	108-10-1	4,300,000	4,900,000	ug/kg	ND		5	ND		5	ND		5	ND		5	ND		5	ND		5
Methylcyclohexane	108-87-2	NS	NS	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Methylene Chloride	75-09-2	3,500,000	4,000,000	ug/kg	ND		1	0.27	J	1	0.28	J,B	1	1		1	ND		1	0.51	J,B	1
Styrene	100-42-5	1,000,000	1,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1,2,2-Tetrachloroethane	79-34-5	28,000	33,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Tetrachloroethene	127-18-4	1,500,000	3,300,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Toluene	108-88-3	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Xylenes (Total)	1330-20-7	10,000,000	10,000,000	ug/kg	ND		3	ND		3	ND		3	ND		3	ND		3	ND		3
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	190,000,000	190,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2,4-Trichlorobenzene	120-82-1	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1,1-Trichloroethane	71-55-6	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1,2-Trichloroethane	79-00-5	100,000	120,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Trichloroethene	79-01-6	970,000	1,100,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Trichlorofluoromethane	75-69-4	10,000,000	10,000,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Vinyl Chloride	75-01-4	53,000	220,000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		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

	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID	016-FB-2-103107			007-FB-1_103007			031-FB-3_110107			011-TB-1-103107			027-TB-2_103007			038-TB-3_110107		
				Sample ID	C7K010229-005			C7J310198-007			C7K020245-004			C7J310198-011			C7K010229-016			C7K020245-011		
				Sample Date	10/31/07			10/30/07			10/30/07			10/31/07			10/30/07			10/30/07		
				Depth to GW	WATER			WATER			WATER			WATER			WATER			WATER		
		0-2 ft Surface Soil	2-15 ft Sub-Surface	Start Depth (ft)	1.00			1.00			1.00			1.00			1.00			1.00		
				End Depth (ft)	ug/L			ug/L			ug/L			ug/L			ug/L			ug/L		
TCL Semivolatiles				Units	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	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Acenaphthylene	208-96-8	170,000,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Acetaphenone	98-86-2	10,000,000	10,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Anthracene	120-12-7	190,000,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Atrazine[2]	1912-24-9	360,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Benzaldehyde	100-52-7	NS	NS	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Benzo(a)anthracene	56-55-3	110,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(a)pyrene	50-32-8	11,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(b)fluoranthene	205-99-2	110,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(g,h,i)perylene	191-24-2	170,000,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(k)fluoranthene	207-08-9	1,100,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
1,1'-Biphenyl	92-52-4	140,000,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
bis(2-Chloroethoxy) methane[3]	111-91-1	100,000	100,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
bis(2-Chloroethyl) ether	111-44-4	5,000	5,700	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2,2'-oxybis(1-Chloropropane)	108-60-1	160,000	190,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
bis-(2-Ethylhexyl)phthalate	117-81-7	5,700,000	10,000,000	ug/kg	ND		0.96	ND		0.95	0.17	J	0.95	-		-	-		-	-		-
4-Bromophenyl-phenylether[3]	101-55-3	100,000	100,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Butylbenzylphthalate	85-68-7	10,000,000	10,000,000	ug/kg	ND		0.96	0.18	J	0.95	ND		0.95	-		-	-		-	-		-
Caprolactam	105-60-2	NS	NS	ug/kg	ND		0.96	0.27	J	0.95	ND		0.95	-		-	-		-	-		-
Carbazole	86-74-8	4,000,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
4-Chloro-3-methylphenol	59-50-7	14,000,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Chloroaniline	106-47-8	11,000,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2-Chloronapthalene	91-58-7	190,000,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Chlorophenol	95-57-8	920,000	1,100,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Chlorophenyl-phenylether[3]	7005-72-3	100,000	100,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Chrysene	218-01-9	11,000,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Methylphenol	95-48-7	10,000,000	10,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Methylphenol	106-44-5	14,000,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Dibenzo(a,h)anthracene	53-70-3	11,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Dibenzofuran[3]	132-64-9	100,000	100,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
3,3'-Dichlorobenzidine	91-94-1	180,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,4-Dichlorophenol	120-83-2	8,400,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Diethylphthalate	84-66-2	10,000,000	10,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,4-Dimethylphenol	105-67-9	10,000,000	10,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Dimethylphthalate[3]	131-11-3	100,000	100,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Di-n-butylphthalate	84-74-2	10,000,000	10,000,000	ug/kg	ND		0.96	0.091	J	0.95	ND		0.95	-		-	-		-	-		-
4,6-Dinitro-2-methylphenol[2,3]	534-52-1	100,000	100,000	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
2,4-Dinitrophenol	51-28-5	5,600,000	190,000,000	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
2,4-Dinitrotoluene	121-14-2	260,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,6-Dinitrotoluene	606-20-2	2,800,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Fluoranthene	206-44-0	110,000,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Fluorene	86-73-7	110,000,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Hexachlorobenzene	118-74-1	50,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Hexachlorobutadiene	87-68-3	560,000	10,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Hexachlorocyclopentadiene	77-47-4	10,000,000	10,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Hexachloroethane	67-72-1	2,800,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Indeno(1,2,3-cd)pyrene	193-39-5	110,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Isophorone	78-59-1	10,000,000	10,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2-Methylnaphthalene	91-57-6	10,000,000	10,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Naphthalene	91-20-3	56,000,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Nitroaniline[3]	88-74-4	160,000	190,000,000	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
3-Nitroaniline[3]	99-09-2	160,000	190,000,000	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
4-Nitroaniline[3]	100-01-6	160,000	190,000,000	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
Nitrobenzene	98-95-3	1,400,000	10,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Nitrophenol	88-75-5	22,000,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Nitrophenol	100-02-7	22,000,000	190,000,000	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
N-Nitrosodi-n-propylamine	621-64-7	11,000	10,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
N-Nitrosodiphenylamine	86-30-6	10,000,000	10,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Di-n-octylphthalate	117-84-0	10,000,000	10,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Pentachlorophenol	87-86-5	660,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Phenanthrene	85-01-8	190,000,000	190,000,000	ug/kg	ND		0.19	0.085	J	0.19	ND		0.19	-		-	-		-	-		-
Phenol	108-95-2	190,000,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Pyrene	129-00-0	84,000,000	190,000,000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2,4,5-Trichlorophenol	95-95-4	190,000,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,4,6-Trichlorophenol	88-06-2	840,000	190,000,000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-

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

	CAS No.	PADEP Non-Residential Direct Contact Non-Use Aquifer MSC		Location ID	016-FB-2-103107			007-FB-1_103007			031-FB-3_110107			011-TB-1-103107			027-TB-2_103007			038-TB-3_110107		
				Sample ID	C7K010229-005			C7J310198-007			C7K020245-004			C7J310198-011			C7K010229-016			C7K020245-011		
				Sample Date	10/31/07			10/30/07			10/30/07			10/31/07			10/30/07			10/30/07		
				Depth to GW	WATER			WATER			WATER			WATER			WATER			WATER		
		0-2 ft Surface Soil	2-15 ft Sub-Surface	Start Depth (ft)	1.00			1.00			1.00			1.00			1.00			1.00		
				End Depth (ft)	ug/L			ug/L			ug/L			ug/L			ug/L			ug/L		
PCB (ug/kg)				Units	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
Aroclor 1016	12674-11-2	200,000	10,000,000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1221	11104-28-2	160,000	10,000,000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1232	11141-16-5	160,000	10,000,000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1242	53469-21-9	160,000	10,000,000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1248	12672-29-6	44,000	10,000,000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1254	11097-69-1	44,000	10,000,000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1260	11096-82-5	130,000	190,000,000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
PP Metals (mg/kg)				Units	Result	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	ND		2	ND		2	0.23	B	2	-		-	-		-	-		-
Arsenic	7440-38-2	53	190,000	mg/kg	ND		1	ND		1	0.33	B J	1	-		-	-		-	-		-
Beryllium	7440-41-7	190,000	190,000	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Cadmium	7440-43-9	210	190,000	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Chromium [III]	7440-47-3	190,000	190,000	mg/kg	1.6	B J	2	1.4	B J	2	1.6	J	2	-		-	-		-	-		-
Copper	7440-50-8	100,000	190,000	mg/kg	ND		2	0.17	B	2	2.8	B	2	-		-	-		-	-		-
Lead	7439-92-1	1,000	190,000	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Mercury	7439-97-6	840	190,000	mg/kg	ND		0.2	ND		0.2	ND		0.2	-		-	-		-	-		-
Nickel	7440-02-0	56,000	190000	mg/kg	ND		1	ND		1	0.073	B	1	-		-	-		-	-		-
Selenium	7782-49-2	14,000	190,000	mg/kg	ND		5	ND		5	ND		5	-		-	-		-	-		-
Silver	7440-22-4	14,000	190000	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Thallium	7440-28-0	200	190000	mg/kg	0.21	B	1	0.048	B	1	0.089	B	1	-		-	-		-	-		-
Zinc	7440-66-6	190,000	190,000	mg/kg	ND		5	0.93	B	5	1.1	J	5	-		-	-		-	-		-
General Chemistry				Units	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
Percent Solids	none	NS	NS	percent	NA		NA	NA		NA	NA		NA	-		-	-		-	-		-

Laboratory Qualifiers:

Organic Qualifiers:

B = Analyte was detected in the method blank.

J = Estimated Result. Result is less than RL.

Inorganic Qualifiers:

B = Estimated Result. Result is less than RL.

J = Analyte was detected in the method blank.

Notes:

PADEP = Pensylvannia Department of Environmental Protection

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

RL = Reporting Limit.

NS = No Act 2 Remediation Standard.

NA = Not Analyzed or Not Applicable.

ND = Not Detetected 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 aNDtrans-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 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-1			STP-1			STP-2			STP-2			STP-3			STP-3			STP-3			STP-4			STP-4		
			Sample ID	001-STP-1_1.5-2.0			002-STP-1_10-10.5			005-STP-2_1.5-2.0			006-STP-2_10.5-11.0			008-STP-3_1.5-2.0			009-DUP-1-103007			010-STP-3_10.5-11			014-STP-4_1.5-2.0			015-STP-4_11.5-12		
			Sample Date	10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/31/07			10/31/07		
			Depth to GW	NA			NA			11.00			11.00			11.00			11.00			11.00			11.00			11.00		
			Start Depth (ft)	1.50			10.00			1.50			10.50			1.50			1.50			10.50			1.50			11.50		
			End Depth (ft)	2.00			10.50			2.00			11.00			2.00			2.00			11.00			2.00			12.00		
TCL Volatiles			**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**
Acetone	67-64-1	10000000	ug/kg	ND		26	ND		22	ND		23	ND		23	ND		22	ND		23	ND		19	ND		20	ND		26
Benzene	71-43-2	50000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Bromodichloromethane	75-27-4	10000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Bromoform	75-25-2	1000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Bromomethane	74-83-9	100000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
2-Butanone	78-93-3	10000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Carbon Disulfide	75-15-0	410000	ug/kg	ND		6.5	ND		5.5	ND		5.6	4	J	5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Carbon Tetrachloride	56-23-5	5000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chlorobenzene	108-90-7	1000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chloroethane	75-00-3	9000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chloroform	67-66-3	100000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chloromethane	74-87-3	30000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Isopropylbenzene	98-82-8	10000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Cyclohexane	110-82-7	500	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dibromoethane	106-93-4	500	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dibromo-3-chloropropane	96-12-8	2000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Dibromochloromethane	124-48-1	1000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,4-Dichlorobenzene	106-46-7	1000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dichlorobenzene	95-50-1	6000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,3-Dichlorobenzene	541-73-1	6100000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Dichlorodifluoromethane	75-71-8	10000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1-Dichloroethane	75-34-3	110000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dichloroethane	107-06-2	5000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
trans-1,2-Dichloroethene	156-60-5	100000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
cis-1,2-Dichloroethene	156-59-2	70000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1-Dichloroethene	75-35-4	7000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dichloropropane	78-87-5	5000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
trans-1,3-Dichloropropene	10061-02-6	260000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
cis-1,3-Dichloropropene	10061-01-5	260000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Ethylbenzene	100-41-4	7000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
2-Hexanone	591-78-6	500	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methyl Acetate	79-20-9	10000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methyl tert-Butyl Ether	1634-04-4	20000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
4-Methyl-2-pentanone	108-10-1	4100000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methylcyclohexane	108-87-2	NS	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methylene Chloride	75-09-2	50000	ug/kg	1.8	J B	6.5	1.9	J B	5.5	2.5	J B	5.6	2.6	J B	5.9	1.7	J	5.6	1.3	J	5.7	1	J	4.7	1.6	J	5.1	2.1	J B	6.4
Styrene	100-42-5	2400000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1,2,2-Tetrachloroethane	79-34-5	3000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Tetrachloroethene	127-18-4	5000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Toluene	108-88-3	10000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Xylenes (Total)	1330-20-7	10000000	ug/kg	ND		19	ND		16	ND		17	ND		18	ND		17	ND		17	ND		14	ND		15	ND		19
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	53000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2,4-Trichlorobenzene	120-82-1	10000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1,1-Trichloroethane	71-55-6	200000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1,2-Trichloroethane	79-00-5	5000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Trichloroethene	79-01-6	5000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Trichlorofluoromethane	75-69-4	10000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Vinyl Chloride	75-01-4	2000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-1			STP-1			STP-2			STP-2			STP-3			STP-3			STP-3			STP-4			STP-4		
			Sample ID	001-STP-1_1.5-2.0			002-STP-1_10-10.5			005-STP-2_1.5-2.0			006-STP-2_10.5-11.0			008-STP-3_1.5-2.0			009-DUP-1-103007			010-STP-3_10.5-11			014-STP-4_1.5-2.0			015-STP-4_11.5-12		
			Sample Date	10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/31/07			10/31/07		
			Depth to GW	NA			NA			11.00			11.00			11.00			11.00			11.00			11.00			11.00		
			Start Depth (ft)	1.50			10.00			1.50			10.50			1.50			1.50			10.50			1.50			11.50		
			End Depth (ft)	2.00			10.50			2.00			11.00			2.00			2.00			11.00			2.00			12.00		
TCL Semivolatiles			**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**
Acenaphthene	83-32-9	4700000	ug/kg	ND		6.9	13		7.9	35		23	ND		7.3	ND		7.8	ND		7.9	6.1	J	7.5	ND		7.2	ND		7.9
Acenaphthylene	208-96-8	18000000	ug/kg	ND		6.9	3.5	J	7.9	17	J	23	ND		7.3	ND		7.8	ND		7.9	6.5	J	7.5	ND		7.2	ND		7.9
Acetaphenone	98-86-2	1000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	3.2	J	36	3	J	39
Anthracene	120-12-7	350000	ug/kg	2.1	J	6.9	5.4	J	7.9	94		23	ND		7.3	ND		7.8	ND		7.9	16		7.5	ND		7.2	ND		7.9
Atrazine[1]	1912-24-9	300	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Benzaldehyde	100-52-7	NS	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Benzo(a)anthracene	56-55-3	960000	ug/kg	13		6.9	21		7.9	410		23	ND		7.3	ND		7.8	ND		7.9	74		7.5	1.8	J	7.2	ND		7.9
Benzo(a)pyrene	50-32-8	860000	ug/kg	15		6.9	23		7.9	410		23	ND		7.3	1.3	J	7.8	1.6	J	7.9	99		7.5	2.1	J	7.2	ND		7.9
Benzo(b)fluoranthene	205-99-2	170000	ug/kg	23		6.9	34		7.9	550		23	ND		7.3	2.2	J	7.8	ND		7.9	140		7.5	ND		7.2	ND		7.9
Benzo(g,h,i)perylene	191-24-2	180000	ug/kg	12		6.9	12		7.9	300		23	ND		7.3	ND		7.8	1.4	J	7.9	86		7.5	ND		7.2	ND		7.9
Benzo(k)fluoranthene	207-08-9	610000	ug/kg	6.5	J	6.9	11		7.9	190		23	ND		7.3	ND		7.8	ND		7.9	56		7.5	ND		7.2	ND		7.9
1,1'-Biphenyl	92-52-4	3100000	ug/kg	3.1	J	34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
bis(2-Chloroethoxy) methane	111-91-1	500	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
bis(2-Chloroethyl) ether	111-44-4	5500	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
2,2'-oxybis(1-Chloropropane)	108-60-1	3000000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
bis-(2-Ethylhexyl)phthalate	117-81-7	6300000	ug/kg	7.6	J	34	ND		39	ND		110	7.7	J	36	10	J	39	13	J	39	ND		37	5	J	36	ND		39
4-Bromophenyl-phenylether	101-55-3	500	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Butylbenzylphthalate	85-68-7	10000000	ug/kg	7.6	J	34	9	J	39	ND		110	ND		36	ND		39	ND		39	ND		37	3.8	J	36	6.2	J	39
Caprolactam	105-60-2	NS	ug/kg	38		34	56		39	ND		110	37		36	40		39	55		39	34	J	37	10	J	36	13	J	39
Carbazole	86-74-8	760000	ug/kg	2.2	J	6.9	5.2	J	7.9	96		23	ND		7.3	ND		7.8	ND		7.9	16		7.5	ND		7.2	ND		7.9
4-Chloro-3-methylphenol	59-50-7	110000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Chloroaniline	106-47-8	52000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2-Chloronapthalene	91-58-7	18000000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
2-Chlorophenol	95-57-8	4400	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Chlorophenyl-phenylether	7005-72-3	500	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Chrysene	218-01-9	230000	ug/kg	18		6.9	25		7.9	450		23	ND		7.3	ND		7.8	ND		7.9	100		7.5	2.4	J	7.2	ND		7.9
2-Methylphenol	95-48-7	10000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Methylphenol	106-44-5	51000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Dibenzo(a,h)anthracene	53-70-3	270000	ug/kg	ND		6.9	4	J	7.9	68		23	ND		7.3	ND		7.8	ND		7.9	17		7.5	ND		7.2	ND		7.9
Dibenzofuran	132-64-9	500	ug/kg	2.3	J	34	5.6	J	39	21	J	110	2	J	36	ND		39	2.1	J	39	4.5	J	37	ND		36	ND		39
3,3'-Dichlorobenzidine	91-94-1	17000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,4-Dichlorophenol	120-83-2	2000000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Diethylphthalate	84-66-2	10000000	ug/kg	ND		34	4.4	J	39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,4-Dimethylphenol	105-67-9	10000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Dimethylphthalate	131-11-3	500	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Di-n-butylphthalate	84-74-2	10000000	ug/kg	16	J	34	19	J	39	ND		110	17	J	36	17	J	39	21	J	39	16	J	37	ND		36	ND		39
4,6-Dinitro-2-methylphenol[1]	534-52-1	500	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
2,4-Dinitrophenol	51-28-5	41000	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
2,4-Dinitrotoluene	121-14-2	840000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,6-Dinitrotoluene	606-20-2	10000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Fluoranthene	206-44-0	3200000	ug/kg	37		6.9	21		7.9	1300		23	ND		7.3	2.7	J	7.8	3.2	J	7.9	260		7.5	4.4	J	7.2	ND		7.9
Fluorene	86-73-7	3800000	ug/kg	2.3	J	6.9	9.6		7.9	34		23	ND		7.3	ND		7.8	ND		7.9	6.3	J	7.5	ND		7.2	ND		7.9
Hexachlorobenzene	118-74-1	5800	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Hexachlorobutadiene	87-68-3	1200000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Hexachlorocyclopentadiene	77-47-4	3300000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Hexachloroethane	67-72-1	56000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Indeno(1,2,3-cd)pyrene	193-39-5	190000000	ug/kg	10		6.9	11		7.9	270		23	ND		7.3	ND		7.8	ND		7.9	77		7.5	ND		7.2	ND		7.9
Isophorone	78-59-1	10000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2-Methylnaphthalene	91-57-6	8000000	ug/kg	2.3	J	6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Naphthalene	91-20-3	7500000	ug/kg	4.5	J	6.9	12		7.9	8.1	J	23	ND		7.3	ND		7.8	ND		7.9	3.3	J	7.5	1.9	J	7.2	ND		7.9
2-Nitroaniline[1]	99-09-2	580	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
3-Nitroaniline[1]	88-74-4	580	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
4-Nitroaniline[1]	100-01-6	580	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
Nitrobenzene	98-95-3	5100000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
2-Nitrophenol	88-75-5	82000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Nitrophenol	100-02-7	6000000	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
N-Nitrosodi-n-propylamine	621-64-7	37000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
N-Nitrosodiphenylamine	86-30-6	5600000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Di-n-octylphthalate	117-84-0	10000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Pentachlorophenol	87-86-5	5000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Phenanthrene	85-01-8	10000000	ug/kg	23		6.9	16		7.9	680		23	3.2	J	7.3	3.3	J	7.8	4.5	J	7.9	110		7.5	4.6	J	7.2	3.2	J	7.9
Phenol	108-95-2	40000000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Pyrene	129-00-0	2200000	ug/kg	30		6.9	21		7.9	870		23	ND		7.3	ND		7.8	2.5	J	7.9	170		7.5	3.9	J	7.2	ND		7.9
2,4,5-Trichlorophenol	95-95-4	190000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,4,6-Trichlorophenol	88-06-2	8900000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-1			STP-1			STP-2			STP-2			STP-3			STP-3			STP-3			STP-4			STP-4		
			Sample ID	001-STP-1_1.5-2.0			002-STP-1_10-10.5			005-STP-2_1.5-2.0			006-STP-2_10.5-11.0			008-STP-3_1.5-2.0			009-DUP-1-103007			010-STP-3_10.5-11			014-STP-4_1.5-2.0			015-STP-4_11.5-12		
			Sample Date	10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/31/07			10/31/07		
			Depth to GW	NA			NA			11.00			11.00			11.00			11.00			11.00			11.00			11.00		
			Start Depth (ft)	1.50			10.00			1.50			10.50			1.50			1.50			10.50			1.50			11.50		
			End Depth (ft)	2.00			10.50			2.00			11.00			2.00			2.00			11.00			2.00			12.00		
PCB (ug/kg)			**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**
Aroclor 1016	12674-11-2	200000	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1221	11104-28-2	2500	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1232	11141-16-5	2000	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1242	53469-21-9	62000	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1248	12672-29-6	67000	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1254	11097-69-1	280000	ug/kg	ND		34	ND		38	41		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1260	11096-82-5	1900000	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
PP Metals (mg/kg)			**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**
Antimony	7440-36-0	27000	mg/kg	0.059	B	0.21	0.04	B	0.23	0.021	B	0.23	0.0053	B	0.22	ND		0.23	ND		0.23	0.029	B	0.22	0.022	B	0.22	0.017	B	0.24
Arsenic	7440-38-2	150000	mg/kg	8.1		0.1	4.7		0.12	9.8		0.11	2.5		0.11	4.9		0.12	5		0.12	2		0.11	2	J	0.11	3.4	J	0.12
Beryllium	7440-41-7	190000	mg/kg	1		0.1	0.44		0.12	0.47		0.11	0.21		0.11	0.39		0.12	0.39		0.12	0.23		0.11	0.3		0.11	0.29		0.12
Cadmium	7440-43-9	38000	mg/kg	0.12		0.1	0.099	B	0.12	0.071	B	0.11	0.052	B	0.11	0.065	B	0.12	0.055	B	0.12	0.09	B	0.11	0.072	B	0.11	0.076	B	0.12
Chromium	7440-47-3	190000	mg/kg	31.3	J	0.21	9.9	J	0.23	16.9	J	0.23	5.5	J	0.22	11.4	J	0.23	11.2	J	0.23	6.2	J	0.22	6.1	J	0.22	7.1	J	0.24
Copper	7440-50-8	190000	mg/kg	27.2	J	0.21	12.6	J	0.23	12.5	J	0.23	6.8	J	0.22	10.8	J	0.23	11.6	J	0.23	8.1	J	0.22	9.3		0.22	9		0.24
Lead	7439-92-1	190000	mg/kg	12.9		0.1	10.4		0.12	23.6		0.11	3.6		0.11	9.4		0.12	9.6		0.12	9.4		0.11	10		0.11	6.7		0.12
Mercury	7439-97-6	10000	mg/kg	ND		0.034	0.031	B	0.039	0.025	B	0.038	ND		0.036	0.024	B	0.039	0.03	B	0.039	0.026	B	0.037	0.013	B	0.036	0.016	B	0.039
Nickel	7440-02-0	190000	mg/kg	20.7		0.1	12.8		0.12	9.5		0.11	7.1		0.11	12.9		0.12	12.8		0.12	7.9		0.11	7.6	J	0.11	11.5	J	0.12
Selenium	7782-49-2	26000	mg/kg	0.68	J	0.52	0.56	B J	0.59	0.74	J	0.57	0.32	B J	0.54	0.5	B J	0.58	0.54	B J	0.59	0.41	B J	0.56	0.29	B	0.55	0.35	B	0.59
Silver	7440-22-4	84000	mg/kg	0.031	B	0.1	ND		0.12	ND		0.11	ND		0.11	ND		0.12	ND		0.12	0.0049	B	0.11	ND		0.11	ND		0.12
Thallium	7440-28-0	14000	mg/kg	0.47	J	0.1	0.11	B J	0.12	0.1	B J	0.11	0.027	B J	0.11	0.084	B J	0.12	0.084	B J	0.12	0.027	B J	0.11	0.054	B	0.11	0.05	B	0.12
Zinc	7440-66-6	190000	mg/kg	53.3	J	0.52	31.8	J	0.59	36.9	J	0.57	19.8	J	0.54	28.4	J	0.58	28.8	J	0.59	27	J	0.56	20.6	J	0.55	24.7	J	0.59
General Chemistry			**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**
Percent Solids	none	NS	percent	96.9			85.2			87			92.1			85.6			85.3			89.5			92.9			85.1		

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-5			STP-5			STP-6			STP-6			STP-7			STP-7			STP-8			STP-8		
			Sample ID	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		
			Sample Date	10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07		
			Depth to GW	11.00			11.00			8.00			8.00			4.00			4.00			5.00			5.00		
			Start Depth (ft)	1.50			10.50			1.50			7.50			1.50			3.50			1.50			4.50		
			End Depth (ft)	2.00			11.00			2.00			8.00			2.00			4.00			2.00			5.00		
TCL Volatiles			**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**
Acetone	67-64-1	10000000	ug/kg	ND		21	ND		20	ND		24	9.5	J	22	ND		21	ND		23	ND		24	ND		33
Benzene	71-43-2	50000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Bromodichloromethane	75-27-4	10000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Bromoform	75-25-2	1000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Bromomethane	74-83-9	100000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
2-Butanone	78-93-3	10000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Carbon Disulfide	75-15-0	410000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Carbon Tetrachloride	56-23-5	5000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Chlorobenzene	108-90-7	1000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Chloroethane	75-00-3	9000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Chloroform	67-66-3	100000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Chloromethane	74-87-3	30000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
isopropylbenzene	98-82-8	10000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Cyclohexane	110-82-7	500	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2-Dibromoethane	106-93-4	500	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2-Dibromo-3-chloropropane	96-12-8	2000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Dibromochloromethane	124-48-1	1000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,4-Dichlorobenzene	106-46-7	1000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2-Dichlorobenzene	95-50-1	6000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,3-Dichlorobenzene	541-73-1	8100000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Dichlorodifluoromethane	75-71-8	10000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,1-Dichloroethane	75-34-3	110000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2-Dichloroethane	107-06-2	5000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
trans-1,2-Dichloroethene	156-60-5	100000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
cis-1,2-Dichloroethene	156-59-2	70000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,1-Dichloroethene	75-35-4	7000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2-Dichloropropane	78-87-5	5000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
trans-1,3-Dichloropropene	10061-02-6	260000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
cis-1,3-Dichloropropene	10061-01-5	260000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Ethylbenzene	100-41-4	7000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
2-Hexanone	591-78-6	500	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Methyl Acetate	79-20-9	10000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Methyl tert-Butyl Ether	1634-04-4	20000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
4-Methyl-2-pentanone	108-10-1	4100000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Methylcyclohexane	108-87-2	NS	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Methylene Chloride	75-09-2	50000	ug/kg	2.3	J B	5.2	1	J	5.1	1.9	J	5.9	2.2	J	5.5	1.4	J	5.3	1.9	J	5.8	3.1	J	5.9	4	J B	8.3
Styrene	100-42-5	2400000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,1,2,2-Tetrachloroethane	79-34-5	3000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Tetrachloroethene	127-18-4	5000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Toluene	108-88-3	10000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Xylenes (Total)	1330-20-7	10000000	ug/kg	ND		16	ND		15	ND		18	ND		16	ND		16	ND		17	ND		18	ND		25
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	53000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,2,4-Trichlorobenzene	120-82-1	10000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,1,1-Trichloroethane	71-55-6	200000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
1,1,2-Trichloroethane	79-00-5	5000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Trichloroethene	79-01-6	5000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Trichlorofluoromethane	75-69-4	10000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3
Vinyl Chloride	75-01-4	2000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-5			STP-5			STP-6			STP-6			STP-7			STP-7			STP-8			STP-8		
			Sample ID	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		
			Sample Date	10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07		
			Depth to GW	11.00			11.00			8.00			8.00			4.00			4.00			5.00			5.00		
			Start Depth (ft)	1.50			10.50			1.50			7.50			1.50			3.50			1.50			4.50		
			End Depth (ft)	2.00			11.00			2.00			8.00			2.00			4.00			2.00			5.00		
TCL Semivolatiles			**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**
Acenaphthene	83-32-9	4700000	ug/kg	ND		7.2	ND		7.7	ND		7.1	3.6	J	8	ND		7.2	ND		7.4	ND		7.1	5.1	J	10
Acenaphthylene	208-96-8	18000000	ug/kg	4.2	J	7.2	ND		7.7	ND		7.1	20		8	ND		7.2	ND		7.4	2	J	7.1	26		10
Acetaphenone	98-86-2	1000000	ug/kg	3	J	35	2.7	J	38	ND		35	2.8	J	39	ND		35	ND		37	ND		35	ND		51
Anthracene	120-12-7	350000	ug/kg	3.8	J	7.2	ND		7.7	ND		7.1	17		8	ND		7.2	ND		7.4	3.6	J	7.1	29		10
Atrazine[1]	1912-24-9	300	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Benzaldehyde	100-52-7	NS	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Benzo(a)anthracene	56-55-3	960000	ug/kg	15		7.2	ND		7.7	ND		7.1	44		8	1.5	J	7.2	3.1	J	7.4	19		7.1	63		10
Benzo(a)pyrene	50-32-8	880000	ug/kg	16		7.2	ND		7.7	ND		7.1	51		8	1.6	J	7.2	3.2	J	7.4	21		7.1	60		10
Benzo(b)fluoranthene	205-99-2	170000	ug/kg	21		7.2	ND		7.7	ND		7.1	58		8	ND		7.2	4.3	J	7.4	30		7.1	76		10
Benzo(g,h,i)perylene	191-24-2	180000	ug/kg	12		7.2	ND		7.7	ND		7.1	42		8	ND		7.2	2	J	7.4	18		7.1	45		10
Benzo(k)fluoranthene	207-08-9	610000	ug/kg	7.3		7.2	ND		7.7	ND		7.1	20		8	ND		7.2	1.2	J	7.4	12		7.1	31		10
1,1'-Biphenyl	92-52-4	3100000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	4.9	J	51
bis(2-Chloroethoxy) methane	111-91-1	500	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
bis(2-Chloroethyl) ether	111-44-4	5500	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
2,2'-oxybis(1-Chloropropane)	108-60-1	3000000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
bis-(2-Ethylhexyl)phthalate	117-81-7	6300000	ug/kg	7.1	J	35	5.6	J	38	4.2	J	35	5.6	J	39	5	J	35	5.3	J	37	5.4	J	35	ND		51
4-Bromophenyl-phenylether	101-55-3	500	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Butylbenzylphthalate	85-68-7	10000000	ug/kg	5.9	J	35	5.5	J	38	4.3	J	35	3.8	J	39	3.5	J	35	3.7	J	37	3.2	J	35	ND		51
Caprolactam	105-60-2	NS	ug/kg	9.5	J	35	13	J	38	9.5	J	35	10	J	39	7.3	J	35	ND		37	ND		35	ND		51
Carbazole	86-74-8	760000	ug/kg	ND		7.2	ND		7.7	ND		7.1	4.3	J	8	ND		7.2	ND		7.4	2.9	J	7.1	7.5	J	10
4-Chloro-3-methylphenol	59-50-7	110000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
4-Chloroaniline	106-47-8	52000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2-Chloronapthalene	91-58-7	18000000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
2-Chlorophenol	95-57-8	4400	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
4-Chlorophenyl-phenylether	7005-72-3	500	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Chrysene	218-01-9	230000	ug/kg	19		7.2	ND		7.7	ND		7.1	64		8	1.6	J	7.2	3.1	J	7.4	23		7.1	77		10
2-Methylphenol	95-48-7	10000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
4-Methylphenol	106-44-5	51000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Dibenzo(a,h)anthracene	53-70-3	270000	ug/kg	ND		7.2	ND		7.7	ND		7.1	8.9		8	ND		7.2	ND		7.4	3.6	J	7.1	13		10
Dibenzofuran	132-64-9	500	ug/kg	ND		35	ND		38	ND		35	2.3	J	39	ND		35	ND		37	ND		35	8.2	J	51
3,3'-Dichlorobenzidine	91-94-1	17000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2,4-Dichlorophenol	120-83-2	2000000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
Diethylphthalate	84-66-2	10000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2,4-Dimethylphenol	105-67-9	10000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Dimethylphthalate	131-11-3	500	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Di-n-butylphthalate	84-74-2	10000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
4,6-Dinitro-2-methylphenol[1]	534-52-1	500	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
2,4-Dinitrophenol	51-28-5	41000	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
2,4-Dinitrotoluene	121-14-2	840000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2,6-Dinitrotoluene	606-20-2	10000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Fluoranthene	206-44-0	3200000	ug/kg	26		7.2	ND		7.7	ND		7.1	98		8	2.8	J	7.2	5.3	J	7.4	44		7.1	120		10
Fluorene	86-73-7	3800000	ug/kg	ND		7.2	ND		7.7	ND		7.1	6.9	J	8	ND		7.2	ND		7.4	ND		7.1	12		10
Hexachlorobenzene	118-74-1	5800	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
Hexachlorobutadiene	87-68-3	1200000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
Hexachlorocyclopentadiene	77-47-4	3300000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Hexachloroethane	67-72-1	56000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Indeno(1,2,3-cd)pyrene	193-39-5	190000000	ug/kg	10		7.2	ND		7.7	ND		7.1	34		8	ND		7.2	ND		7.4	15		7.1	41		10
Isophorone	78-59-1	10000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2-Methylnaphthalene	91-57-6	8000000	ug/kg	ND		7.2	ND		7.7	ND		7.1	3.4	J	8	ND		7.2	ND		7.4	ND		7.1	16		10
Naphthalene	91-20-3	7500000	ug/kg	2.3	J	7.2	ND		7.7	ND		7.1	3.9	J	8	1.7	J	7.2	1.9	J	7.4	ND		7.1	30		10
2-Nitroaniline[1]	99-09-2	580	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
3-Nitroaniline[1]	88-74-4	580	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
4-Nitroaniline[1]	100-01-6	580	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
Nitrobenzene	98-95-3	5100000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
2-Nitrophenol	88-75-5	82000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
4-Nitrophenol	100-02-7	6000000	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260
N-Nitrosodi-n-propylamine	621-64-7	37000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
N-Nitrosodiphenylamine	86-30-6	5500000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
Di-n-octylphthalate	117-84-0	10000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Pentachlorophenol	87-86-5	5000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
Phenanthrene	85-01-8	10000000	ug/kg	16		7.2	3.9	J	7.7	2.5	J	7.1	70		8	3.5	J	7.2	5.3	J	7.4	19		7.1	81		10
Phenol	108-95-2	40000000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10
Pyrene	129-00-0	2200000	ug/kg	30		7.2	ND		7.7	ND		7.1	110		8	2.6	J	7.2	4.9	J	7.4	36		7.1	100		10
2,4,5-Trichlorophenol	95-95-4	190000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51
2,4,6-Trichlorophenol	88-06-2	8900000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-5			STP-5			STP-6			STP-6			STP-7			STP-7			STP-8			STP-8		
			Sample ID	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		
			Sample Date	10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07		
			Depth to GW	11.00			11.00			8.00			8.00			4.00			4.00			5.00			5.00		
			Start Depth (ft)	1.50			10.50			1.50			7.50			1.50			3.50			1.50			4.50		
			End Depth (ft)	2.00			11.00			2.00			8.00			2.00			4.00			2.00			5.00		
PCB (ug/kg)			**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**
Aroclor 1016	12674-11-2	200000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1221	11104-28-2	2500	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1232	11141-16-5	2000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1242	53469-21-9	62000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1248	12672-29-6	67000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1254	11097-69-1	280000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
Aroclor 1260	11096-82-5	1900000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50
PP Metals (mg/kg)			**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**
Antimony	7440-36-0	27000	mg/kg	0.064	B	0.21	0.013	B	0.23	0.023	B	0.21	0.01	B	0.24	0.0067	B	0.21	0.011	B	0.22	0.022	B	0.21	0.49		0.31
Arsenic	7440-38-2	150000	mg/kg	3.6	J	0.11	4.6	J	0.12	2.9	J	0.11	4.3	J	0.12	2.8	J	0.11	2.9	J	0.11	2.9	J	0.11	5.2	J	0.15
Beryllium	7440-41-7	190000	mg/kg	0.43		0.11	0.44		0.12	0.26		0.11	0.55		0.12	0.32		0.11	0.33		0.1	0.34		0.11	1.8		0.15
Cadmium	7440-43-9	38000	mg/kg	0.15		0.11	0.095	B	0.12	0.083	B	0.11	0.079	B	0.12	0.088	B	0.11	0.089	B	0.11	0.11		0.11	7.3		0.15
Chromium	7440-47-3	190000	mg/kg	12.2	J	0.21	11.4	J	0.23	7.9	J	0.21	10.1	J	0.24	7.9	J	0.21	8.4	J	0.22	9	J	0.21	64.6	J	0.31
Copper	7440-50-8	190000	mg/kg	14.5		0.21	9.9		0.23	8.4		0.21	11.8		0.24	9.6		0.21	9.2		0.22	10.1		0.21	122		0.31
Lead	7439-92-1	190000	mg/kg	7.8		0.11	8.6		0.12	5.1		0.11	10.8		0.12	5.3		0.11	7.9		0.11	8.7		0.11	176		0.15
Mercury	7439-97-6	10000	mg/kg	0.029	B	0.035	0.024	B	0.038	0.011	B	0.035	0.028	B	0.039	0.013	B	0.035	0.013	B	0.037	0.023	B	0.035	0.73		0.051
Nickel	7440-02-0	190000	mg/kg	10.7	J	0.11	12.4	J	0.12	9.3	J	0.11	12.8	J	0.12	10.5	J	0.11	9.7	J	0.11	10.5	J	0.11	40.6	J	0.15
Selenium	7782-49-2	26000	mg/kg	0.43	B	0.54	0.5	B	0.58	0.28	B	0.53	0.79		0.59	0.33	B	0.53	0.39	B	0.55	0.43	B	0.54	2		0.77
Silver	7440-22-4	84000	mg/kg	0.032	B	0.11	ND		0.12	ND		0.11	0.0034	B	0.12	ND		0.11	ND		0.11	ND		0.11	1.2		0.15
Thallium	7440-28-0	14000	mg/kg	0.052	B	0.11	0.07	B	0.12	0.029	B	0.11	0.086	B	0.12	0.044	B	0.11	0.046	B	0.11	0.054	B	0.11	0.24		0.15
Zinc	7440-66-6	190000	mg/kg	34	J	0.54	30.2	J	0.58	23.4	J	0.53	31.2	J	0.59	24.8	J	0.53	24.1	J	0.55	29.2	J	0.54	1270	J	0.77
General Chemistry			**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**
Percent Solids	none	NS	percent	93.5			86.7			94.7			84.2			93.5		1	90.2			93.3			65		

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-9			STP-9			STP-10			STP-10			STP-10			STP-11			STP-11		
			Sample ID	025-STP-9_1.5-2.0			026-STP-9_5.5-6.0			028-STP-10_1.5-2.0'			029-DUP-2_110107			030-STP-10_12.5-13'			032-STP-11_1.5-2.0'			033-STP-11_7.5-8.0'		
			Sample Date	10/31/07			08/31/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07		
			Depth to GW	6.00			6.00			13.00			13.00			13.00			14.50			14.50		
			Start Depth (ft)	1.50			7.50			1.50			1.50			12.50			1.50			7.50		
			End Depth (ft)	2.00			8.00			2.00			2.00			13.00			2.00			8.00		
TCL Volatiles			Units	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	10000000	ug/kg	ND		21	15	J	25	ND		23	ND		21	34		23	ND		22	21	J	24
Benzene	71-43-2	50000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Bromodichloromethane	75-27-4	10000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Bromoform	75-25-2	1000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Bromomethane	74-83-9	100000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
2-Butanone	78-93-3	10000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	7.8		5.9	ND		5.5	4.4	J	6
Carbon Disulfide	75-15-0	410000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Carbon Tetrachloride	56-23-5	5000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Chlorobenzene	108-90-7	1000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Chloroethane	75-00-3	9000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Chloroform	67-66-3	100000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Chloromethane	74-87-3	30000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Isopropylbenzene	98-82-8	10000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	1.3	J	6
Cyclohexane	110-82-7	500	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2-Dibromoethane	106-93-4	500	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2-Dibromo-3-chloropropane	96-12-8	2000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Dibromochloromethane	124-48-1	1000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,4-Dichlorobenzene	106-46-7	1000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2-Dichlorobenzene	95-50-1	6000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,3-Dichlorobenzene	541-73-1	6100000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Dichlorodifluoromethane	75-71-8	10000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,1-Dichloroethane	75-34-3	110000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2-Dichloroethane	107-06-2	5000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
trans-1,2-Dichloroethene	156-60-5	100000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
cis-1,2-Dichloroethene	156-59-2	70000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,1-Dichloroethene	75-35-4	7000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2-Dichloropropane	78-87-5	5000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
trans-1,3-Dichloropropene	10061-02-6	260000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
cis-1,3-Dichloropropene	10061-01-5	260000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Ethylbenzene	100-41-4	7000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
2-Hexanone	591-78-6	500	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Methyl Acetate	79-20-9	10000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Methyl tert-Butyl Ether	1634-04-4	20000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
4-Methyl-2-pentanone	108-10-1	4100000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Methylcyclohexane	108-87-2	NS	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Methylene Chloride	75-09-2	50000	ug/kg	0.94	J	5.3	2.2	J	6.2	2.4	J	5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Styrene	100-42-5	2400000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,1,2,2-Tetrachloroethane	79-34-5	3000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Tetrachloroethene	127-18-4	5000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Toluene	108-88-3	10000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Xylenes (Total)	1330-20-7	10000000	ug/kg	ND		16	ND		18	ND		17	ND		16	ND		18	ND		17	ND		18
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	53000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,2,4-Trichlorobenzene	120-82-1	10000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,1,1-Trichloroethane	71-55-6	200000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
1,1,2-Trichloroethane	79-00-5	5000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Trichloroethene	79-01-6	5000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Trichlorofluoromethane	75-69-4	10000000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6
Vinyl Chloride	75-01-4	2000	ug/kg	ND		5.3	ND		6.2	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-9			STP-9			STP-10			STP-10			STP-10			STP-11			STP-11		
			Sample ID	025-STP-9_1.5-2.0			026-STP-9_5.5-6.0			028-STP-10_1.5-2.0'			029-DUP-2_110107			030-STP-10_12.5-13'			032-STP-11_1.5-2.0'			033-STP-11_7.5-8.0'		
			Sample Date	10/31/07			08/31/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07		
			Depth to GW	6.00			6.00			13.00			13.00			13.00			14.50			14.50		
			Start Depth (ft)	1.50			7.50			1.50			1.50			12.50			1.50			7.50		
			End Depth (ft)	2.00			8.00			2.00			2.00			13.00			2.00			8.00		
TCL Semivolatiles			Units	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	4700000	ug/kg	1.8	J	7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Acenaphthylene	208-96-8	18000000	ug/kg	5.4	J	7.1	ND		7.7	2.8	J	7.4	8.5		7.4	ND		7.7	ND		15	ND		8
Acetaphenone	98-86-2	1000000	ug/kg	3.1	J	35	3.3	J	38	ND		36	ND		37	ND		38	ND		72	ND		40
Anthracene	120-12-7	350000	ug/kg	6.3	J	7.1	ND		7.7	ND		7.4	6.4	J	7.4	ND		7.7	ND		15	ND		8
Atrazine[1]	1912-24-9	300	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Benzaldehyde	100-52-7	NS	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Benzo(a)anthracene	56-55-3	960000	ug/kg	18		7.1	6.3	J	7.7	5.9	J	7.4	19		7.4	ND		7.7	11	J	15	ND		8
Benzo(a)pyrene	50-32-8	860000	ug/kg	18		7.1	7.2	J	7.7	6.2	J	7.4	18		7.4	3.1	J	7.7	19		15	ND		8
Benzo(b)fluoranthene	205-99-2	170000	ug/kg	26		7.1	9.3		7.7	7.6		7.4	28		7.4	ND		7.7	23		15	ND		8
Benzo(g,h,i)perylene	191-24-2	180000	ug/kg	16		7.1	5.9	J	7.7	5.8	J	7.4	17		7.4	2.7	J	7.7	16		15	ND		8
Benzo(k)fluoranthene	207-08-9	610000	ug/kg	6	J	7.1	3.7	J	7.7	3.5	J	7.4	7.2	J	7.4	ND		7.7	8.5	J	15	ND		8
1,1'-Biphenyl	92-52-4	3100000	ug/kg	1.9	J	35	ND		38	ND		36	13	J	37	ND		38	ND		72	ND		40
bis(2-Chloroethoxy) methane	111-91-1	500	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
bis(2-Chloroethyl) ether	111-44-4	5500	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
2,2'-oxybis(1-Chloropropane)	108-60-1	3000000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
bis-(2-Ethylhexyl)phthalate	117-81-7	6300000	ug/kg	8.6	J	35	6.3	J	38	ND		36	8.3	J	37	11	J	38	33	J	72	9.8	J	40
4-Bromophenyl-phenylether	101-55-3	500	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Butylbenzylphthalate	85-68-7	10000000	ug/kg	ND		35	ND		38	3.3	J	36	6.1	J	37	11	J	38	ND		72	9	J	40
Caprolactam	105-60-2	NS	ug/kg	9.2	J	35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Carbazole	86-74-8	760000	ug/kg	1.9	J	7.1	ND		7.7	ND		7.4	3	J	7.4	ND		7.7	ND		15	ND		8
4-Chloro-3-methylphenol	59-50-7	110000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
4-Chloroaniline	106-47-8	52000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2-Chloronapthalene	91-58-7	18000000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
2-Chlorophenol	95-57-8	4400	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
4-Chlorophenyl-phenylether	7005-72-3	500	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Chrysene	218-01-9	230000	ug/kg	21		7.1	7.6	J	7.7	10		7.4	35		7.4	ND		7.7	17		15	ND		8
2-Methylphenol	95-48-7	10000000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
4-Methylphenol	106-44-5	51000000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Dibenzo(a,h)anthracene	53-70-3	270000	ug/kg	3.7	J	7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Dibenzofuran	132-64-9	500	ug/kg	2.8	J	35	ND		38	ND		36	19	J	37	ND		38	ND		72	ND		40
3,3'-Dichlorobenzidine	91-94-1	17000000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2,4-Dichlorophenol	120-83-2	2000000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Diethylphthalate	84-66-2	10000000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2,4-Dimethylphenol	105-67-9	10000000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Dimethylphthalate	131-11-3	500	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Di-n-butylphthalate	84-74-2	10000000	ug/kg	ND		35	ND		38	ND		36	9.1	J	37	7.9	J	38	ND		72	8.3	J	40
4,6-Dinitro-2-methylphenol[1]	534-52-1	500	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
2,4-Dinitrophenol	51-28-5	41000	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
2,4-Dinitrotoluene	121-14-2	840000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2,6-Dinitrotoluene	606-20-2	10000000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Fluoranthene	206-44-0	3200000	ug/kg	31		7.1	14		7.7	8.9		7.4	32		7.4	4.6	J	7.7	26		15	2.9	J	8
Fluorene	86-73-7	3800000	ug/kg	3.2	J	7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Hexachlorobenzene	118-74-1	5800	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Hexachlorobutadiene	87-68-3	1200000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Hexachlorocyclopentadiene	77-47-4	3300000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Hexachloroethane	67-72-1	56000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Indeno(1,2,3-cd)pyrene	193-39-5	190000000	ug/kg	13		7.1	4.6	J	7.7	4.6	J	7.4	14		7.4	ND		7.7	11	J	15	ND		8
Isophorone	78-59-1	10000000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2-Methylnaphthalene	91-57-6	8000000	ug/kg	3.9	J	7.1	ND		7.7	7.7		7.4	64		7.4	ND		7.7	ND		15	22		8
Naphthalene	91-20-3	7500000	ug/kg	7.3		7.1	ND		7.7	6	J	7.4	34		7.4	ND		7.7	ND		15	230		8
2-Nitroaniline[1]	99-09-2	580	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
3-Nitroaniline[1]	88-74-4	580	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
4-Nitroaniline[1]	100-01-6	580	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
Nitrobenzene	98-95-3	5100000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
2-Nitrophenol	88-75-5	82000000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
4-Nitrophenol	100-02-7	6000000	ug/kg	ND		180	ND		200	ND		190	ND		190	ND		200	ND		370	ND		200
N-Nitrosodi-n-propylamine	621-64-7	37000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
N-Nitrosodiphenylamine	86-30-6	5500000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Di-n-octylphthalate	117-84-0	10000000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Pentachlorophenol	87-86-5	5000000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
Phenanthrene	85-01-8	10000000	ug/kg	22		7.1	9.1		7.7	13		7.4	67		7.4	4.6	J	7.7	12	J	15	ND		8
Phenol	108-95-2	40000000	ug/kg	ND		7.1	ND		7.7	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8
Pyrene	129-00-0	2200000	ug/kg	28		7.1	12		7.7	11		7.4	36		7.4	4.5	J	7.7	21		15	2.4	J	8
2,4,5-Trichlorophenol	95-95-4	190000000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40
2,4,6-Trichlorophenol	88-06-2	8900000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		72	ND		40

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-9			STP-9			STP-10			STP-10			STP-10			STP-11			STP-11		
			Sample ID	025-STP-9_1.5-2.0			026-STP-9_5.5-6.0			028-STP-10_1.5-2.0'			029-DUP-2_110107			030-STP-10_12.5-13'			032-STP-11_1.5-2.0'			033-STP-11_7.5-8.0'		
			Sample Date	10/31/07			08/31/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07		
			Depth to GW	6.00			6.00			13.00			13.00			13.00			14.50			14.50		
			Start Depth (ft)	1.50			7.50			1.50			1.50			12.50			1.50			7.50		
			End Depth (ft)	2.00			8.00			2.00			2.00			13.00			2.00			8.00		
PCB (ug/kg)			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Aroclor 1016	12674-11-2	200000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
Aroclor 1221	11104-28-2	2500	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
Aroclor 1232	11141-16-5	2000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
Aroclor 1242	53469-21-9	62000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
Aroclor 1248	12672-29-6	67000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
Aroclor 1254	11097-69-1	280000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	35	J	36	ND		40
Aroclor 1260	11096-82-5	1900000	ug/kg	ND		35	ND		38	ND		36	ND		37	ND		38	ND		36	ND		40
PP Metals (mg/kg)			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Antimony	7440-36-0	27000	mg/kg	0.028	B	0.21	0.021	B	0.23	0.047	B	0.22	0.035	B	0.22	0.014	B	0.23	0.028	B	0.22	0.011	B	0.24
Arsenic	7440-38-2	150000	mg/kg	2.9	J	0.11	4.6	J	0.12	3		0.11	3.5		0.11	6.4		0.11	4.7		0.11	4.3		0.12
Beryllium	7440-41-7	190000	mg/kg	0.36		0.11	0.51		0.12	0.35		0.11	0.43		0.11	0.56		0.11	0.34		0.11	0.48		0.12
Cadmium	7440-43-9	38000	mg/kg	0.1	B	0.11	0.097	B	0.12	0.13		0.11	0.29		0.11	0.13		0.11	0.14		0.11	0.14		0.12
Chromium	7440-47-3	190000	mg/kg	8.3	J	0.21	11.1	J	0.23	24.9		0.22	485		0.22	10.9		0.23	8.3		0.22	10		0.24
Copper	7440-50-8	190000	mg/kg	11.1		0.21	12.4		0.23	12.4	J	0.22	13.8	J	0.22	12.5	J	0.23	12.2	J	0.22	12.7	J	0.24
Lead	7439-92-1	190000	mg/kg	6.9		0.11	11.4		0.12	9.5		0.11	15.9		0.11	13.6		0.11	9.4		0.11	11.8		0.12
Mercury	7439-97-6	10000	mg/kg	0.021	B	0.035	0.032	B	0.038	0.033	B	0.036	0.041		0.037	0.23		0.038	0.031	B	0.036	0.018	B	0.04
Nickel	7440-02-0	190000	mg/kg	10.1	J	0.11	13.7	J	0.12	12.2		0.11	10.2		0.11	13.5		0.11	11.3		0.11	14.4		0.12
Selenium	7782-49-2	26000	mg/kg	0.34	B	0.53	0.55	B	0.58	0.19	B	0.55	0.3	B	0.55	0.53	B	0.57	0.21	B	0.55	0.45	B	0.6
Silver	7440-22-4	84000	mg/kg	ND		0.11	ND		0.12	0.015	B	0.11	0.033	B	0.11	0.024	B	0.11	0.015	B	0.11	0.023	B	0.12
Thallium	7440-28-0	14000	mg/kg	0.05	B	0.11	0.082	B	0.12	0.052	B	0.11	0.061	B	0.11	0.11		0.11	0.05	B	0.11	0.089	B	0.12
Zinc	7440-66-6	190000	mg/kg	28.3	J	0.53	34.4	J	0.58	41.8	J	0.55	59.9	J	0.55	38	J	0.57	34.8	J	0.55	36.8	J	0.6
General Chemistry			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Percent Solids	none	NS	percent	94.9			86.8			90.7			90.2			87			91.7			83.5		

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-12			STP-12			STP-13			STP-13			STP-14			STP-14			STP-15			STP-15		
			Sample ID	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'		
			Sample Date	11/01/07			11/01/07			10/30/07			10/30/07			10/31/07			10/31/07			11/01/07			11/01/07		
			Depth to GW	8.00			8.00			10.00			10.00			12.00			12.00			9.00			9.00		
			Start Depth (ft)	1.50			7.50			1.50			9.50			1.50			11.50			1.50			8.50		
			End Depth (ft)	2.00			8.00			2.00			10.00			2.00			12.00			2.00			9.00		
TCL Volatiles			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
Acetone	67-64-1	10000000	ug/kg	ND		22	3000	J B	5600	ND		20	ND		25	ND		20	7.8	J	21	ND		24	ND		24
Benzene	71-43-2	50000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Bromodichloromethane	75-27-4	10000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Bromoform	75-25-2	1000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Bromomethane	74-83-9	100000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
2-Butanone	78-93-3	10000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Carbon Disulfide	75-15-0	410000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Carbon Tetrachloride	56-23-5	5000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Chlorobenzene	108-90-7	1000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Chloroethane	75-00-3	9000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Chloroform	67-66-3	100000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Chloromethane	74-87-3	30000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Isopropylbenzene	98-82-8	10000000	ug/kg	ND		5.5	21000		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Cyclohexane	110-82-7	500	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dibromoethane	106-93-4	500	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dibromo-3-chloropropane	96-12-8	2000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Dibromochloromethane	124-48-1	1000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,4-Dichlorobenzene	106-46-7	1000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dichlorobenzene	95-50-1	6000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,3-Dichlorobenzene	541-73-1	6100000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Dichlorodifluoromethane	75-71-8	10000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,1-Dichloroethane	75-34-3	110000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dichloroethane	107-06-2	5000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
trans-1,2-Dichloroethene	156-60-5	100000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
cis-1,2-Dichloroethene	156-59-2	70000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,1-Dichloroethene	75-35-4	7000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dichloropropane	78-87-5	5000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
trans-1,3-Dichloropropene	10061-02-6	260000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
cis-1,3-Dichloropropene	10061-01-5	260000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Ethylbenzene	100-41-4	7000000	ug/kg	ND		5.5	760	J	1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
2-Hexanone	591-78-6	500	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Methyl Acetate	79-20-9	10000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Methyl tert-Butyl Ether	1634-04-4	20000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
4-Methyl-2-pentanone	108-10-1	4100000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Methylcyclohexane	108-87-2	NS	ug/kg	ND		5.5	430	J	1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Methylene Chloride	75-09-2	50000	ug/kg	0.87	J	5.5	ND		1400	2.5	J B	5.1	1.8	J B	6.2	1.3	J	5	1	J	5.4	ND		6	ND		5.9
Styrene	100-42-5	2400000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,1,2,2-Tetrachloroethane	79-34-5	3000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Tetrachloroethene	127-18-4	5000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Toluene	108-88-3	10000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Xylenes (Total)	1330-20-7	10000000	ug/kg	ND		16	3500	J	4200	ND		15	ND		19	ND		15	ND		16	ND		18	ND		18
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	53000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,2,4-Trichlorobenzene	120-82-1	10000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,1,1-Trichloroethane	71-55-6	200000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
1,1,2-Trichloroethane	79-00-5	5000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Trichloroethene	79-01-6	5000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Trichlorofluoromethane	75-69-4	10000000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9
Vinyl Chloride	75-01-4	2000	ug/kg	ND		5.5	ND		1400	ND		5.1	ND		6.2	ND		5	ND		5.4	ND		6	ND		5.9

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-12			STP-12			STP-13			STP-13			STP-14			STP-14			STP-15			STP-15		
			Sample ID	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'		
			Sample Date	11/01/07			11/01/07			10/30/07			10/30/07			10/31/07			10/31/07			11/01/07			11/01/07		
			Depth to GW	8.00			8.00			10.00			10.00			12.00			12.00			9.00			9.00		
			Start Depth (ft)	1.50			7.50			1.50			9.50			1.50			11.50			1.50			8.50		
			End Depth (ft)	2.00			8.00			2.00			10.00			2.00			12.00			2.00			9.00		
TCL Semivolatiles			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
Acenaphthene	83-32-9	4700000	ug/kg	ND		7.4	ND		1500	81		74	55		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Acenaphthylene	208-96-8	18000000	ug/kg	2.3	J	7.4	ND		1500	91		74	7.1	J	7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Acetaphenone	98-86-2	1000000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Anthracene	120-12-7	350000	ug/kg	ND		7.4	ND		1500	280		74	94		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Atrazine[1]	1912-24-9	300	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Benzaldehyde	100-52-7	NS	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Benzo(a)anthracene	56-55-3	960000	ug/kg	6.6	J	7.4	ND		1500	1800		74	350		7.2	2.8	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(a)pyrene	50-32-8	860000	ug/kg	10		7.4	ND		1500	1900		74	270		7.2	3.1	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(b)fluoranthene	205-99-2	170000	ug/kg	11		7.4	ND		1500	2600		74	370		7.2	4.5	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(g,h,i)perylene	191-24-2	180000	ug/kg	9.7		7.4	ND		1500	1400		74	150		7.2	1.8	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(k)fluoranthene	207-08-9	610000	ug/kg	6.5	J	7.4	ND		1500	1000		74	140		7.2	1.5	J	7.5	ND		7.2	ND		7.8	ND		7.4
1,1'-Biphenyl	92-52-4	3100000	ug/kg	ND		36	ND		7400	ND		360	7.8	J	35	ND		37	ND		35	ND		39	ND		36
bis(2-Chloroethoxy) methane	111-91-1	500	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
bis(2-Chloroethyl) ether	111-44-4	5500	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
2,2'-oxybis(1-Chloropropane)	108-60-1	3000000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
bis-(2-Ethylhexyl)phthalate	117-81-7	6300000	ug/kg	7.9	J	36	ND		7400	ND		360	110		35	15	J	37	ND		35	18	J	39	ND		36
4-Bromophenyl-phenylether	101-55-3	500	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Butylbenzylphthalate	85-68-7	10000000	ug/kg	7.1	J	36	ND		7400	ND		360	5.6	J	35	ND		37	3.6	J	35	ND		39	11	J	36
Caprolactam	105-60-2	NS	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	7.9	J	35	ND		39	ND		36
Carbazole	86-74-8	760000	ug/kg	ND		7.4	ND		1500	300		74	68		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
4-Chloro-3-methylphenol	59-50-7	110000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
4-Chloroaniline	106-47-8	52000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
2-Chloronapthalene	91-58-7	18000000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
2-Chlorophenol	95-57-8	4400	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
4-Chlorophenyl-phenylether	7005-72-3	500	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Chrysene	218-01-9	230000	ug/kg	12		7.4	ND		1500	2100		74	400		7.2	3.3	J	7.5	ND		7.2	ND		7.8	ND		7.4
2-Methylphenol	95-48-7	10000000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
4-Methylphenol	106-44-5	51000000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Dibenzo(a,h)anthracene	53-70-3	270000	ug/kg	ND		7.4	ND		1500	330		74	41		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Dibenzofuran	132-64-9	500	ug/kg	ND		36	ND		7400	45	J	360	40		35	ND		37	ND		35	ND		39	ND		36
3,3'-Dichlorobenzidine	91-94-1	17000000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
2,4-Dichlorophenol	120-83-2	2000000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Diethylphthalate	84-66-2	10000000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
2,4-Dimethylphenol	105-67-9	10000000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Dimethylphthalate	131-11-3	500	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Di-n-butylphthalate	84-74-2	10000000	ug/kg	8.3	J	36	ND		7400	ND		360	18	J	35	16	J	37	ND		35	10	J	39	10	J	36
4,6-Dinitro-2-methylphenol[1]	534-52-1	500	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		180	ND		200	ND		190
2,4-Dinitrophenol	51-28-5	41000	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		180	ND		200	ND		190
2,4-Dinitrotoluene	121-14-2	840000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
2,6-Dinitrotoluene	606-20-2	10000000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Fluoranthene	206-44-0	3200000	ug/kg	22		7.4	ND		1500	5100		74	710		7.2	6.9	J	7.5	ND		7.2	3.1	J	7.8	ND		7.4
Fluorene	86-73-7	3800000	ug/kg	ND		7.4	ND		1500	81		74	75		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Hexachlorobenzene	118-74-1	5800	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Hexachlorobutadiene	87-68-3	1200000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Hexachlorocyclopentadiene	77-47-4	3300000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Hexachloroethane	67-72-1	56000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Indeno(1,2,3-cd)pyrene	193-39-5	190000000	ug/kg	4.8	J	7.4	ND		1500	1300		74	140		7.2	1.6	J	7.5	ND		7.2	ND		7.8	ND		7.4
Isophorone	78-59-1	10000000	ug/kg	ND		36	ND		7400	380		360	ND		35	ND		37	ND		35	ND		39	ND		36
2-Methylnaphthalene	91-57-6	8000000	ug/kg	ND		7.4	30000		1500	ND		74	11		7.2	ND		7.5	ND		7.2	5	J	7.8	2.5	J	7.4
Naphthalene	91-20-3	7500000	ug/kg	4.2	J	7.4	210000		1500	24	J	74	24		7.2	ND		7.5	ND		7.2	35		7.8	15		7.4
2-Nitroaniline[1]	99-09-2	580	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		180	ND		200	ND		190
3-Nitroaniline[1]	88-74-4	580	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		180	ND		200	ND		190
4-Nitroaniline[1]	100-01-6	580	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		0.18	ND		200	ND		190
Nitrobenzene	98-95-3	5100000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
2-Nitrophenol	88-75-5	82000000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
4-Nitrophenol	100-02-7	6000000	ug/kg	ND		190	ND		38000	ND		1900	ND		180	ND		190	ND		180	ND		200	ND		190
N-Nitrosodi-n-propylamine	621-64-7	37000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
N-Nitrosodiphenylamine	86-30-6	5500000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Di-n-octylphthalate	117-84-0	10000000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Pentachlorophenol	87-86-5	5000000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
Phenanthrene	85-01-8	10000000	ug/kg	11		7.4	ND		1500	2100		74	410		7.2	5.6	J	7.5	2.6	J	7.2	4.3	J	7.8	3.8	J	7.4
Phenol	108-95-2	40000000	ug/kg	ND		7.4	ND		1500	ND		74	ND		7.2	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Pyrene	129-00-0	2200000	ug/kg	19		7.4	ND		1500	3600		74	520		7.2	5.4	J	7.5	ND		7.2	ND		7.8	ND		7.4
2,4,5-Trichlorophenol	95-95-4	190000000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36
2,4,6-Trichlorophenol	88-06-2	8900000	ug/kg	ND		36	ND		7400	ND		360	ND		35	ND		37	ND		35	ND		39	ND		36

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	STP-12			STP-12			STP-13			STP-13			STP-14			STP-14			STP-15			STP-15		
			Sample ID	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'		
			Sample Date	11/01/07			11/01/07			10/30/07			10/30/07			10/31/07			10/31/07			11/01/07			11/01/07		
			Depth to GW	8.00			8.00			10.00			10.00			12.00			12.00			9.00			9.00		
			Start Depth (ft)	1.50			7.50			1.50			9.50			1.50			11.50			1.50			8.50		
			End Depth (ft)	2.00			8.00			2.00			10.00			2.00			12.00			2.00			9.00		
PCB (ug/kg)			**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**
Aroclor 1016	12674-11-2	200000	ug/kg	ND		36	110		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
Aroclor 1221	11104-28-2	2500	ug/kg	ND		36	ND		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
Aroclor 1232	11141-16-5	2000	ug/kg	ND		36	ND		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
Aroclor 1242	53469-21-9	62000	ug/kg	ND		36	ND		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
Aroclor 1248	12672-29-6	67000	ug/kg	ND		36	ND		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
Aroclor 1254	11097-69-1	280000	ug/kg	ND		36	1100		37	130		36	35	J	36	1700		37	ND		36	ND		39	ND		36
Aroclor 1260	11096-82-5	1900000	ug/kg	ND		36	ND		37	ND		36	ND		36	ND		37	ND		36	ND		39	ND		36
PP Metals (mg/kg)			**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**
Antimony	7440-36-0	27000	mg/kg	0.021	B	0.22	0.037	B	0.23	0.021	B	0.22	0.056	B	0.22	0.042	B	0.22	0.059	B	0.22	0.027	B	0.23	0.012	B	0.22
Arsenic	7440-38-2	150000	mg/kg	3.8		0.11	1.7		0.11	7		0.11	5.6		0.11	4.4	J	0.11	3.3	J	0.11	3.6		0.12	1.9		0.11
Beryllium	7440-41-7	190000	mg/kg	0.38		0.11	0.25		0.11	0.48		0.11	1.4		0.11	0.38		0.11	0.41		0.11	0.3		0.12	0.22		0.11
Cadmium	7440-43-9	38000	mg/kg	0.12		0.11	0.097	B	0.11	0.19		0.11	0.13		0.11	0.089	B	0.11	0.094	B	0.11	0.081	B	0.12	0.057	B	0.11
Chromium	7440-47-3	190000	mg/kg	10.8		0.22	12.6		0.23	11.7	J	0.22	34.5	J	0.22	8.9	J	0.22	8.3	J	0.22	7.6		0.23	5.9		0.22
Copper	7440-50-8	190000	mg/kg	13	J	0.22	8.8	J	0.23	15.3	J	0.22	27.3	J	0.22	11		0.22	10.5		0.22	11.2	J	0.23	7.9	J	0.22
Lead	7439-92-1	190000	mg/kg	9.6		0.11	4.2		0.11	15.2		0.11	15.6		0.11	8.4		0.11	7.4		0.11	8.5		0.12	4.1		0.11
Mercury	7439-97-6	10000	mg/kg	0.019	B	0.036	0.01	B	0.037	0.035	B	0.036	0.0083	B	0.036	0.03	B	0.037	0.0092	B	0.036	0.027	B	0.039	0.0093	B	0.036
Nickel	7440-02-0	190000	mg/kg	13.6		0.11	7.9		0.11	12.2		0.11	22.4		0.11	12.3	J	0.11	11.1	J	0.11	12.6		0.12	9.6		0.11
Selenium	7782-49-2	26000	mg/kg	0.24	B	0.55	0.19	B	0.56	0.68	J	0.55	0.79	J	0.54	0.47	B	0.56	0.38	B	0.54	0.17	B	0.59	0.096	B	0.55
Silver	7440-22-4	84000	mg/kg	0.015	B	0.11	0.011	B	0.11	0.0073	B	0.11	0.029	B	0.11	ND		0.11	ND		0.11	0.011	B	0.12	0.008	B	0.11
Thallium	7440-28-0	14000	mg/kg	0.066	B	0.11	0.031	B	0.11	0.086	B J	0.11	0.47	J	0.11	0.078	B	0.11	0.07	B	0.11	0.055	B	0.12	0.031	B	0.11
Zinc	7440-66-6	190000	mg/kg	33.4	J	0.55	26.9	J	0.56	38.6	J	0.55	53.1	J	0.54	28.8	J	0.56	27.1	J	0.54	28.8	J	0.59	22.7	J	0.55
General Chemistry			**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**
Percent Solids	none	NS	percent	90.5	-	-	88.6	-	-	90.7			92.2			88.9			92.1			85.4			91		

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 = Pensylvania Department of Environmental Protection
MSC = PADEP's Medium Specific Concentration for surface and subsurface soil.
RL = Reporting Limit.

NS = No Act 2 Remediation Standard.

NA = Not Analyzed or Not Applicable
Q = Laboratory Qualifier
ND = Not Detetected 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 aNDtrans-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 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	016-FB-2-103107			007-FB-1_103007			031-FB-3_110107			011-TB-1-103107			027-TB-2_103007			038-TB-3_110107		
			Sample ID	C7K010229-005			C7J310198-007			C7K020245-004			C7J310198-011			C7K010229-016			C7K020245-011		
			Sample Date	10/31/07			10/30/07			10/30/07			10/31/07			10/30/07			10/30/07		
			Depth to GW	WATER			WATER			WATER			WATER			WATER			WATER		
			Start Depth (ft)	1.00			1.00			1.00			1.00			1.00			1.00		
			End Depth (ft)	ug/L			ug/L			ug/L			ug/L			ug/L			ug/L		
TCL Volatiles			Units	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
Acetone	67-64-1	10000000	ug/kg	ND		5	3.2	J	5	2.8	J	5	3.3	J	5	ND		5	ND		5
Benzene	71-43-2	50000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Bromodichloromethane	75-27-4	10000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Bromoform	75-25-2	1000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Bromomethane	74-83-9	100000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
2-Butanone	78-93-3	10000000	ug/kg	ND		5	ND		5	ND		5	ND		5	ND		5	ND		5
Carbon Disulfide	75-15-0	410000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Carbon Tetrachloride	56-23-5	5000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chlorobenzene	108-90-7	1000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chloroethane	75-00-3	9000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chloroform	67-66-3	100000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chloromethane	74-87-3	30000	ug/kg	0.46	J	1	ND		1	ND		1	ND		1	ND		1	ND		1
Isopropylbenzene	98-82-8	10000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Cyclohexane	110-82-7	500	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dibromoethane	106-93-4	500	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dibromo-3-chloropropane	96-12-8	2000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Dibromochloromethane	124-48-1	1000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,4-Dichlorobenzene	106-46-7	1000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dichlorobenzene	95-50-1	8000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,3-Dichlorobenzene	541-73-1	6100000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Dichlorodifluoromethane	75-71-8	10000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1-Dichloroethane	75-34-3	110000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dichloroethane	107-06-2	5000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
trans-1,2-Dichloroethene	156-60-5	100000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
cis-1,2-Dichloroethene	156-59-2	70000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1-Dichloroethene	75-35-4	7000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dichloropropane	78-87-5	5000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
trans-1,3-Dichloropropene	10061-02-6	260000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
cis-1,3-Dichloropropene	10061-01-5	260000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Ethylbenzene	100-41-4	7000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
2-Hexanone	591-78-6	500	ug/kg	ND		5	ND		5	ND		5	ND		5	ND		5	ND		5
Methyl Acetate	79-20-9	10000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Methyl tert-Butyl Ether	1634-04-4	20000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
4-Methyl-2-pentanone	108-10-1	4100000	ug/kg	ND		5	ND		5	ND		5	ND		5	ND		5	ND		5
Methylcyclohexane	108-87-2	NS	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Methylene Chloride	75-09-2	50000	ug/kg	ND		1	0.27	J	1	0.28	J,B	1	1		1	ND		1	0.51	J,B	1
Styrene	100-42-5	2400000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1,2,2-Tetrachloroethane	79-34-5	3000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Tetrachloroethene	127-18-4	5000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Toluene	108-88-3	10000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Xylenes (Total)	1330-20-7	10000000	ug/kg	ND		3	ND		3	ND		3	ND		3	ND		3	ND		3
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	53000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2,4-Trichlorobenzene	120-82-1	10000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1,1-Trichloroethane	71-55-6	200000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1,2-Trichloroethane	79-00-5	5000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Trichloroethene	79-01-6	5000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Trichlorofluoromethane	75-69-4	10000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Vinyl Chloride	75-01-4	2000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1

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Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	016-FB-2-103107			007-FB-1_103007			031-FB-3_110107			011-TB-1-103107			027-TB-2_103007			038-TB-3_110107		
			Sample ID	C7K010229-005			C7J310198-007			C7K020245-004			C7J310198-011			C7K010229-016			C7K020245-011		
			Sample Date	10/31/07			10/30/07			10/30/07			10/31/07			10/30/07			10/30/07		
			Depth to GW	WATER			WATER			WATER			WATER			WATER			WATER		
			Start Depth (ft)	1.00			1.00			1.00			1.00			1.00			1.00		
			End Depth (ft)	ug/L			ug/L			ug/L			ug/L			ug/L			ug/L		
TCL Semivolatiles			Units	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
Acenaphthene	83-32-9	4700000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Acenaphthylene	208-96-8	18000000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Acetaphenone	98-86-2	1000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Anthracene	120-12-7	350000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Atrazine[1]	1912-24-9	300	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Benzaldehyde	100-52-7	NS	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Benzo(a)anthracene	56-55-3	960000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(a)pyrene	50-32-8	860000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(b)fluoranthene	205-99-2	170000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(g,h,i)perylene	191-24-2	180000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(k)fluoranthene	207-08-9	610000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
1,1'-Biphenyl	92-52-4	3100000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
bis(2-Chloroethoxy) methane	111-91-1	500	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
bis(2-Chloroethyl) ether	111-44-4	5500	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2,2'-oxybis(1-Chloropropane)	108-60-1	3000000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
bis-(2-Ethylhexyl)phthalate	117-81-7	6300000	ug/kg	ND		0.96	ND		0.95	0.17	J	0.95	-		-	-		-	-		-
4-Bromophenyl-phenylether	101-55-3	500	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Butylbenzylphthalate	85-68-7	10000000	ug/kg	ND		0.96	0.18	J	0.95	ND		0.95	-		-	-		-	-		-
Caprolactam	105-60-2	NS	ug/kg	ND		0.96	0.27	J	0.95	ND		0.95	-		-	-		-	-		-
Carbazole	86-74-8	760000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
4-Chloro-3-methylphenol	59-50-7	110000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Chloroaniline	106-47-8	52000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2-Chloronapthalene	91-58-7	18000000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Chlorophenol	95-57-8	4400	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Chlorophenyl-phenylether	7005-72-3	500	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Chrysene	218-01-9	230000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Methylphenol	95-48-7	10000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Methylphenol	106-44-5	51000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Dibenzo(a,h)anthracene	53-70-3	270000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Dibenzofuran	132-64-9	500	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
3,3'-Dichlorobenzidine	91-94-1	17000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,4-Dichlorophenol	120-83-2	2000000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Diethylphthalate	84-66-2	10000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,4-Dimethylphenol	105-67-9	10000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Dimethylphthalate	131-11-3	500	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Di-n-butylphthalate	84-74-2	10000000	ug/kg	ND		0.96	0.091	J	0.95	ND		0.95	-		-	-		-	-		-
4,6-Dinitro-2-methylphenol[1]	534-52-1	500	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
2,4-Dinitrophenol	51-28-5	41000	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
2,4-Dinitrotoluene	121-14-2	840000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,6-Dinitrotoluene	606-20-2	10000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Fluoranthene	206-44-0	3200000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Fluorene	86-73-7	3800000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Hexachlorobenzene	118-74-1	5800	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Hexachlorobutadiene	87-68-3	1200000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Hexachlorocyclopentadiene	77-47-4	3300000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Hexachloroethane	67-72-1	56000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Indeno(1,2,3-cd)pyrene	193-39-5	190000000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Isophorone	78-59-1	10000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2-Methylnaphthalene	91-57-6	8000000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Naphthalene	91-20-3	7500000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Nitroaniline[1]	99-09-2	580	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
3-Nitroaniline[1]	88-74-4	580	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
4-Nitroaniline[1]	100-01-6	580	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
Nitrobenzene	98-95-3	5100000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Nitrophenol	88-75-5	82000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Nitrophenol	100-02-7	6000000	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
N-Nitrosodi-n-propylamine	621-64-7	37000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
N-Nitrosodiphenylamine	86-30-6	5500000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Di-n-octylphthalate	117-84-0	10000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Pentachlorophenol	87-86-5	5000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Phenanthrene	85-01-8	10000000	ug/kg	ND		0.19	0.085	J	0.19	ND		0.19	-		-	-		-	-		-
Phenol	108-95-2	40000000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Pyrene	129-00-0	2200000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2,4,5-Trichlorophenol	95-95-4	190000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,4,6-Trichlorophenol	88-06-2	8900000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-

Table 3
Summary of Soil Analytical Results
Compared to Pennsylvania Non-Residential Non-Use Aquifer Soil to Groundwater MSCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	PADEP Non-Residential Non-Use Aquifer Soil to GW Pathway MSCs	Location ID	016-FB-2-103107			007-FB-1_103007			031-FB-3_110107			011-TB-1-103107			027-TB-2_103007			038-TB-3_110107		
			Sample ID	C7K010229-005			C7J310198-007			C7K020245-004			C7J310198-011			C7K010229-016			C7K020245-011		
			Sample Date	10/31/07			10/30/07			10/30/07			10/31/07			10/30/07			10/30/07		
			Depth to GW	WATER			WATER			WATER			WATER			WATER			WATER		
			Start Depth (ft)	1.00			1.00			1.00			1.00			1.00			1.00		
			End Depth (ft)	ug/L			ug/L			ug/L			ug/L			ug/L			ug/L		
PCB (ug/kg)			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Aroclor 1016	12674-11-2	200000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1221	11104-28-2	2500	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1232	11141-16-5	2000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1242	53469-21-9	62000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1248	12672-29-6	67000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1254	11097-69-1	280000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1260	11096-82-5	1900000	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
PP Metals (mg/kg)			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Antimony	7440-36-0	27000	mg/kg	ND		2	ND		2	0.23	B	2	-		-	-		-	-		-
Arsenic	7440-38-2	150000	mg/kg	ND		1	ND		1	0.33	B J	1	-		-	-		-	-		-
Beryllium	7440-41-7	190000	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Cadmium	7440-43-9	38000	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Chromium	7440-47-3	190000	mg/kg	1.6	B J	2	1.4	B J	2	1.6	J	2	-		-	-		-	-		-
Copper	7440-50-8	190000	mg/kg	ND		2	0.17	B	2	2.8	B	2	-		-	-		-	-		-
Lead	7439-92-1	190000	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Mercury	7439-97-6	10000	mg/kg	ND		0.2	ND		0.2	ND		0.2	-		-	-		-	-		-
Nickel	7440-02-0	190000	mg/kg	ND		1	ND		1	0.073	B	1	-		-	-		-	-		-
Selenium	7782-49-2	26000	mg/kg	ND		5	ND		5	ND		5	-		-	-		-	-		-
Silver	7440-22-4	84000	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Thallium	7440-28-0	14000	mg/kg	0.21	B	1	0.048	B	1	0.089	B	1	-		-	-		-	-		-
Zinc	7440-66-6	190000	mg/kg	ND		5	0.93	B	5	1.1	J	5	-		-	-		-	-		-
General Chemistry			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Percent Solids	none	NS	percent	NA		NA	NA		NA	NA		NA	-		-	-		-	-		-

Laboratory Qualifiers:

Organic Qualifiers:

B = Analyte was detected in the method blank

J = Estimated Result. Result is less than RL.

Inorganic Qualifiers:

B = Estimated Result. Result is less than RL.

J = Analyte was detected in the method blank.

Notes:

PADEP = Pensylvannia Department of Environmental Protection

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

RL = Reporting Limit.

NS = No Act 2 Remediation Standard.

NA = Not Analyzed or Not Applicable

ND = Not Detetected 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 aNDtrans-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 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-1			STP-1			STP-2			STP-2			STP-3			STP-3			STP-3			STP-4			STP-4		
			Sample ID	001-STP-1_1.5-2.0			002-STP-1_10-10.5			005-STP-2_1.5-2.0			006-STP-2_10.5-11.0			008-STP-3_1.5-2.0			009-DUP-1-103007			010-STP-3_10.5-11			014-STP-4_1.5-2.0			015-STP-4_11.5-12		
			Sample Date	10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/31/07			10/31/07		
			Depth to GW	NA			NA			11.00			11.00			11.00			11.00			11.00			11.00			11.00		
			Start Depth (ft)	1.50			10.00			1.50			10.50			1.50			1.50			10.50			1.50			11.50		
			End Depth (ft)	2.00			10.50			2.00			11.00			2.00			2.00			11.00			2.00			12.00		
TCL Volatiles			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
Acetone	67-64-1	920000000	ug/kg	ND		26	ND		22	ND		23	ND		23	ND		22	ND		23	ND		19	ND		20	ND		26
Benzene	71-43-2	52000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Bromodichloromethane	75-27-4	46000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Bromoform	75-25-2	360000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Bromomethane	74-83-9	1400000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
2-Butanone	78-93-3	610000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Carbon Disulfide	75-15-0	100000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	4	J	5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Carbon Tetrachloride	56-23-5	22000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chlorobenzene	108-90-7	200000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chloroethane	75-00-3	990000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chloroform	67-66-3	10000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Chloromethane	74-87-3	NS	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Isopropylbenzene	98-82-8	100000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Cyclohexane	110-82-7	NS	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dibromoethane	106-93-4	1400	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dibromo-3-chloropropane	96-12-8	2000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Dibromochloromethane	124-48-1	34000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,4-Dichlorobenzene	106-46-7	120000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dichlorobenzene	95-50-1	92000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,3-Dichlorobenzene	541-73-1	3100000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Dichlorodifluoromethane	75-71-8	200000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1-Dichloroethane	75-34-3	200000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dichloroethane	107-06-2	31000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
trans-1,2-Dichloroethene	156-60-5	20000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
cis-1,2-Dichloroethene	156-59-2	9200000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1-Dichloroethene	75-35-4	51000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2-Dichloropropane	78-87-5	42000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
trans-1,3-Dichloropropene	10061-02-6	29000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
cis-1,3-Dichloropropene	10061-01-5	29000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Ethylbenzene	100-41-4	100000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
2-Hexanone	591-78-6	NS	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methyl Acetate	79-20-9	1000000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methyl tert-Butyl Ether	1634-04-4	720000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
4-Methyl-2-pentanone	108-10-1	NS	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methylcyclohexane	108-87-2	NS	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Methylene Chloride	75-09-2	380000	ug/kg	1.8	J B	6.5	1.9	J B	5.5	2.5	J B	5.6	2.6	J B	5.9	1.7	J	5.6	1.3	J	5.7	1	J	4.7	1.6	J	5.1	2.1	J B	6.4
Styrene	100-42-5	200000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1,2,2-Tetrachloroethane	79-34-5	14000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Tetrachloroethene	127-18-4	5300	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Toluene	108-88-3	82000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Xylenes (Total)	1330-20-7	200000000	ug/kg	ND		19	ND		16	ND		17	ND		18	ND		17	ND		17	ND		14	ND		15	ND		19
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	31000000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,2,4-Trichlorobenzene	120-82-1	10000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1,1-Trichloroethane	71-55-6	290000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
1,1,2-Trichloroethane	79-00-5	50000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Trichloroethene	79-01-6	7200	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Trichlorofluoromethane	75-69-4	310000000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4
Vinyl Chloride	75-01-4	4000	ug/kg	ND		6.5	ND		5.5	ND		5.6	ND		5.9	ND		5.6	ND		5.7	ND		4.7	ND		5.1	ND		6.4

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-1			STP-1			STP-2			STP-2			STP-3			STP-3			STP-3			STP-4			STP-4		
			Sample ID	001-STP-1_1.5-2.0			002-STP-1_10-10.5			005-STP-2_1.5-2.0			006-STP-2_10.5-11.0			008-STP-3_1.5-2.0			009-DUP-1-103007			010-STP-3_10.5-11			014-STP-4_1.5-2.0			015-STP-4_11.5-12		
			Sample Date	10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/31/07			10/31/07		
			Depth to GW	NA			NA			11.00			11.00			11.00			11.00			11.00			11.00			11.00		
			Start Depth (ft)	1.50			10.00			1.50			10.50			1.50			1.50			10.50			1.50			11.50		
			End Depth (ft)	2.00			10.50			2.00			11.00			2.00			2.00			11.00			2.00			12.00		
TCL Semivolatiles			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
Acenaphthene	83-32-9	61320000	ug/kg	ND		6.9	13		7.9	35		23	ND		7.3	ND		7.8	ND		7.9	6.1	J	7.5	ND		7.2	ND		7.9
Acenaphthylene	208-96-8	NS	ug/kg	ND		6.9	3.5	J	7.9	17	J	23	ND		7.3	ND		7.8	ND		7.9	6.5	J	7.5	ND		7.2	ND		7.9
Acetaphenone	98-86-2	102200000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	3.2	J	36	3	J	39
Anthracene	120-12-7	310000000	ug/kg	2.1	J	6.9	5.4	J	7.9	94		23	ND		7.3	ND		7.8	ND		7.9	16		7.5	ND		7.2	ND		7.9
Atrazine	1912-24-9	13000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Benzaldehyde	100-52-7	100000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Benzo(a)anthracene	56-55-3	3920	ug/kg	13		6.9	21		7.9	410		23	ND		7.3	ND		7.8	ND		7.9	74		7.5	1.8	J	7.2	ND		7.9
Benzo(a)pyrene	50-32-8	392	ug/kg	15		6.9	23		7.9	**410**		23	ND		7.3	1.3	J	7.8	1.6	J	7.9	99		7.5	2.1	J	7.2	ND		7.9
Benzo(b)fluoranthene	205-99-2	3920	ug/kg	23		6.9	34		7.9	550		23	ND		7.3	2.2	J	7.8	ND		7.9	140		7.5	ND		7.2	ND		7.9
Benzo(g,h,i)perylene	191-24-2	NS	ug/kg	12		6.9	12		7.9	300		23	ND		7.3	ND		7.8	1.4	J	7.9	86		7.5	ND		7.2	ND		7.9
Benzo(k)fluoranthene	207-08-9	39200	ug/kg	6.5	J	6.9	11		7.9	190		23	ND		7.3	ND		7.8	ND		7.9	56		7.5	ND		7.2	ND		7.9
1,1'-Biphenyl	92-52-4	51100000	ug/kg	3.1	J	34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
bis(2-Chloroethoxy) methane	111-91-1	NS	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
bis(2-Chloroethyl) ether	111-44-4	2600	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
2,2'-oxybis(1-Chloropropane)	108-60-1	40900	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
bis-(2-Ethylhexyl)phthalate	117-81-7	204400	ug/kg	7.6	J	34	ND		39	ND		110	7.7	J	36	10	J	39	13	J	39	ND		37	5	J	36	ND		39
4-Bromophenyl-phenylether	101-55-3	NS	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Butylbenzylphthalate	85-68-7	200000000	ug/kg	7.6	J	34	9	J	39	ND		110	ND		36	ND		39	ND		39	ND		37	3.8	J	36	6.2	J	39
Caprolactam	105-60-2	510000000	ug/kg	38		34	56		39	ND		110	37		36	40		39	55		39	34	J	37	10	J	36	13	J	39
Carbazole	86-74-8	143080	ug/kg	2.2	J	6.9	5.2	J	7.9	96		23	ND		7.3	ND		7.8	ND		7.9	16		7.5	ND		7.2	ND		7.9
4-Chloro-3-methylphenol	59-50-7	NS	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Chloroaniline	106-47-8	4100000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2-Chloronapthalene	91-58-7	81760000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
2-Chlorophenol	95-57-8	5110000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Chlorophenyl-phenylether	7005-72-3	NS	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Chrysene	218-01-9	392000	ug/kg	18		6.9	25		7.9	450		23	ND		7.3	ND		7.8	ND		7.9	100		7.5	2.4	J	7.2	ND		7.9
2-Methylphenol	95-48-7	51100000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Methylphenol	106-44-5	5100000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Dibenzo(a,h)anthracene	53-70-3	392	ug/kg	ND		6.9	4	J	7.9	68		23	ND		7.3	ND		7.8	ND		7.9	17		7.5	ND		7.2	ND		7.9
Dibenzofuran	132-64-9	NS	ug/kg	2.3	J	34	5.6	J	39	21	J	110	2	J	36	ND		39	2.1	J	39	4.5	J	37	ND		36	ND		39
3,3'-Dichlorobenzidine	91-94-1	6359	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,4-Dichlorophenol	120-83-2	3100000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Diethylphthalate	84-66-2	817600000	ug/kg	ND		34	4.4	J	39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,4-Dimethylphenol	105-67-9	20000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Dimethylphthalate	131-11-3	NS	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Di-n-butylphthalate	84-74-2	102200000	ug/kg	16	J	34	19	J	39	ND		110	17	J	36	17	J	39	21	J	39	16	J	37	ND		36	ND		39
4,6-Dinitro-2-methylphenol	534-52-1	NS	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
2,4-Dinitrophenol	51-28-5	2044000	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
2,4-Dinitrotoluene	121-14-2	2000000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,6-Dinitrotoluene	606-20-2	1022000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Fluoranthene	206-44-0	40880000	ug/kg	37		6.9	21		7.9	1300		23	ND		7.3	2.7	J	7.8	3.2	J	7.9	260		7.5	4.4	J	7.2	ND		7.9
Fluorene	86-73-7	40880000	ug/kg	2.3	J	6.9	9.6		7.9	34		23	ND		7.3	ND		7.8	ND		7.9	6.3	J	7.5	ND		7.2	ND		7.9
Hexachlorobenzene	118-74-1	1800	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Hexachlorobutadiene	87-68-3	36687	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Hexachlorocyclopentadiene	77-47-4	6132000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Hexachloroethane	67-72-1	204400	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Indeno(1,2,3-cd)pyrene	193-39-5	3900	ug/kg	10		6.9	11		7.9	270		23	ND		7.3	ND		7.8	ND		7.9	77		7.5	ND		7.2	ND		7.9
Isophorone	78-59-1	3012210.526	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2-Methylnaphthalene	91-57-6	4088000	ug/kg	2.3	J	6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Naphthalene	91-20-3	20440000	ug/kg	4.5	J	6.9	12		7.9	8.1	J	23	ND		7.3	ND		7.8	ND		7.9	3.3	J	7.5	1.9	J	7.2	ND		7.9
2-Nitroaniline	88-74-4	NS	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
3-Nitroaniline	99-09-2	NS	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
4-Nitroaniline	100-01-6	NS	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
Nitrobenzene	98-95-3	511000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
2-Nitrophenol	88-75-5	NS	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
4-Nitrophenol	100-02-7	NS	ug/kg	ND		180	ND		200	ND		590	ND		180	ND		200	ND		200	ND		190	ND		180	ND		200
N-Nitrosodi-n-propylamine	621-64-7	400	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
N-Nitrosodiphenylamine	86-30-6	584000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Di-n-octylphthalate	117-84-0	NS	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Pentachlorophenol	87-86-5	23847	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
Phenanthrene	85-01-8	NS	ug/kg	23		6.9	16		7.9	680		23	3.2	J	7.3	3.3	J	7.8	4.5	J	7.9	110		7.5	4.6	J	7.2	3.2	J	7.9
Phenol	108-95-2	310000000	ug/kg	ND		6.9	ND		7.9	ND		23	ND		7.3	ND		7.8	ND		7.9	ND		7.5	ND		7.2	ND		7.9
Pyrene	129-00-0	31000000	ug/kg	30		6.9	21		7.9	870		23	ND		7.3	ND		7.8	2.5	J	7.9	170		7.5	3.9	J	7.2	ND		7.9
2,4,5-Trichlorophenol	95-95-4	102200000	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39
2,4,6-Trichlorophenol	88-06-2	260145	ug/kg	ND		34	ND		39	ND		110	ND		36	ND		39	ND		39	ND		37	ND		36	ND		39

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-1			STP-1			STP-2			STP-2			STP-3			STP-3			STP-3			STP-4			STP-4		
			Sample ID	001-STP-1_1.5-2.0			002-STP-1_10-10.5			005-STP-2_1.5-2.0			006-STP-2_10.5-11.0			008-STP-3_1.5-2.0			009-DUP-1-103007			010-STP-3_10.5-11			014-STP-4_1.5-2.0			015-STP-4_11.5-12		
			Sample Date	10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/30/07			10/31/07			10/31/07		
			Depth to GW	NA			NA			11.00			11.00			11.00			11.00			11.00			11.00			11.00		
			Start Depth (ft)	1.50			10.00			1.50			10.50			1.50			1.50			10.50			1.50			11.50		
			End Depth (ft)	2.00			10.50			2.00			11.00			2.00			2.00			11.00			2.00			12.00		
PCB (ug/kg)			**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**
Aroclor 1016	12674-11-2	40880	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1221	11104-28-2	1430.8	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1232	11141-16-5	1430.8	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1242	53469-21-9	1430.8	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1248	12672-29-6	1430.8	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1254	11097-69-1	1430.8	ug/kg	ND		34	ND		38	41		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
Aroclor 1260	11096-82-5	1430.8	ug/kg	ND		34	ND		38	ND		38	ND		36	ND		39	ND		39	ND		37	ND		36	ND		38
PP Metals (mg/kg)			**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**
Antimony	7440-36-0	408.8	mg/kg	0.059	B	0.21	0.04	B	0.23	0.021	B	0.23	0.0053	B	0.22	ND		0.23	ND		0.23	0.029	B	0.22	0.022	B	0.22	0.017	B	0.24
Arsenic	7440-38-2	1.91	mg/kg	**8.1**		0.1	**4.7**		0.12	**9.8**		0.11	**2.5**		0.11	**4.9**		0.12	**5**		0.12	**2**		0.11	**2**	J	0.11	**3.4**	J	0.12
Beryllium	7440-41-7	2044	mg/kg	1		0.1	0.44		0.12	0.47		0.11	0.21		0.11	0.39		0.12	0.39		0.12	0.23		0.11	0.3		0.11	0.29		0.12
Cadmium	7440-43-9	511	mg/kg	0.12		0.1	0.099	B	0.12	0.071	B	0.11	0.052	B	0.11	0.065	B	0.12	0.055	B	0.12	0.09	B	0.11	0.072	B	0.11	0.076	B	0.12
Chromium	7440-47-3	NS	mg/kg	31.3	J	0.21	9.9	J	0.23	16.9	J	0.23	5.5	J	0.22	11.4	J	0.23	11.2	J	0.23	6.2	J	0.22	6.1	J	0.22	7.1	J	0.24
Copper	7440-50-8	40880	mg/kg	27.2	J	0.21	12.6	J	0.23	12.5	J	0.23	6.8	J	0.22	10.8	J	0.23	11.6	J	0.23	8.1	J	0.22	9.3		0.22	9		0.24
Lead	7439-92-1	NS	mg/kg	12.9		0.1	10.4		0.12	23.6		0.11	3.6		0.11	9.4		0.12	9.6		0.12	9.4		0.11	10		0.11	6.7		0.12
Mercury	7439-97-6	NS	mg/kg	ND		0.034	0.031	B	0.039	0.025	B	0.038	ND		0.036	0.024	B	0.039	0.03	B	0.039	0.026	B	0.037	0.013	B	0.036	0.016	B	0.039
Nickel	7440-02-0	20440	mg/kg	20.7		0.1	12.8		0.12	9.5		0.11	7.1		0.11	12.9		0.12	12.8		0.12	7.9		0.11	7.6	J	0.11	11.5	J	0.12
Selenium	7782-49-2	5110	mg/kg	0.68	J	0.52	0.56	B J	0.59	0.74	J	0.57	0.32	B J	0.54	0.5	B J	0.58	0.54	B J	0.59	0.41	B J	0.56	0.29	B	0.55	0.35	B	0.59
Silver	7440-22-4	5110	mg/kg	0.031	B	0.1	ND		0.12	ND		0.11	ND		0.11	ND		0.12	ND		0.12	0.0049	B	0.11	ND		0.11	ND		0.12
Thallium	7440-28-0	71.54	mg/kg	0.47	J	0.1	0.11	B J	0.12	0.1	B J	0.11	0.027	B J	0.11	0.084	B J	0.12	0.084	B J	0.12	0.027	B J	0.11	0.054	B	0.11	0.05	B	0.12
Zinc	7440-66-6	306600	mg/kg	53.3	J	0.52	31.8	J	0.59	36.9	J	0.57	19.8	J	0.54	28.4	J	0.58	28.8	J	0.59	27	J	0.56	20.6	J	0.55	24.7	J	0.59
General Chemistry			**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**
Percent Solids	none	NS	percent	96.9			85.2			87			92.1			85.6			85.3			89.5			92.9			85.1		

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-5			STP-5			STP-6			STP-6			STP-7			STP-7			STP-8			STP-8			STP-9			STP-9		
			Sample ID	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			025-STP-9_1.5-2.0			026-STP-9_5.5-6.0		
			Sample Date	10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			08/31/07		
			Depth to GW	11.00			11.00			8.00			8.00			4.00			4.00			5.00			5.00			6.00			6.00		
			Start Depth (ft)	1.50			10.50			1.50			7.50			1.50			3.50			1.50			4.50			1.50			7.50		
			End Depth (ft)	2.00			11.00			2.00			8.00			2.00			4.00			2.00			5.00			2.00			8.00		
TCL Volatiles			**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	920000000	ug/kg	ND		21	ND		20	ND		24	9.5	J	22	ND		21	ND		23	ND		24	ND		33	ND		21	15	J	25
Benzene	71-43-2	52000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Bromodichloromethane	75-27-4	46000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Bromoform	75-25-2	360000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Bromomethane	74-83-9	1400000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
2-Butanone	78-93-3	610000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Carbon Disulfide	75-15-0	100000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Carbon Tetrachloride	56-23-5	22000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Chlorobenzene	108-90-7	20000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Chloroethane	75-00-3	990000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Chloroform	67-66-3	10000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Chloromethane	74-87-3	NS	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Isopropylbenzene	98-82-8	100000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Cyclohexane	110-82-7	NS	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,2-Dibromoethane	106-93-4	1400	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,2-Dibromo-3-chloropropane	96-12-8	2000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Dibromochloromethane	124-48-1	34000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,4-Dichlorobenzene	106-46-7	120000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,2-Dichlorobenzene	95-50-1	92000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,3-Dichlorobenzene	541-73-1	3100000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Dichlorodifluoromethane	75-71-8	200000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,1-Dichloroethane	75-34-3	200000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,2-Dichloroethane	107-06-2	31000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
trans-1,2-Dichloroethene	156-60-5	20000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
cis-1,2-Dichloroethene	156-59-2	9200000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,1-Dichloroethene	75-35-4	51000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,2-Dichloropropane	78-87-5	42000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
trans-1,3-Dichloropropene	10061-02-6	29000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
cis-1,3-Dichloropropene	10061-01-5	2900000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Ethylbenzene	100-41-4	100000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
2-Hexanone	591-78-6	NS	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Methyl Acetate	79-20-9	1000000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Methyl tert-Butyl Ether	1634-04-4	720000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
4-Methyl-2-pentanone	108-10-1	NS	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Methylcyclohexane	108-87-2	NS	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Methylene Chloride	75-09-2	380000	ug/kg	2.3	J B	5.2	1	J	5.1	1.9	J	5.9	2.2	J	5.5	1.4	J	5.3	1.9	J	5.8	3.1	J	5.9	4	J B	8.3	0.94	J	5.3	2.2	J	6.2
Styrene	100-42-5	200000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,1,2,2-Tetrachloroethane	79-34-5	14000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Tetrachloroethene	127-18-4	5300	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Toluene	108-88-3	82000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Xylenes (Total)	1330-20-7	200000000	ug/kg	ND		16	ND		15	ND		18	ND		16	ND		16	ND		17	ND		18	ND		25	ND		16	ND		18
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	31000000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,2,4-Trichlorobenzene	120-82-1	10000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,1,1-Trichloroethane	71-55-6	290000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
1,1,2-Trichloroethane	79-00-5	50000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Trichloroethene	79-01-6	7200	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Trichlorofluoromethane	75-69-4	310000000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2
Vinyl Chloride	75-01-4	4000	ug/kg	ND		5.2	ND		5.1	ND		5.9	ND		5.5	ND		5.3	ND		5.8	ND		5.9	ND		8.3	ND		5.3	ND		6.2

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-5			STP-5			STP-6			STP-6			STP-7			STP-7			STP-8			STP-8			STP-9			STP-9		
			Sample ID	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			025-STP-9_1.5-2.0			026-STP-9_5.5-6.0		
			Sample Date	10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			08/31/07		
			Depth to GW	11.00			11.00			8.00			8.00			4.00			4.00			5.00			5.00			6.00			6.00		
			Start Depth (ft)	1.50			10.50			1.50			7.50			1.50			3.50			1.50			4.50			1.50			7.50		
			End Depth (ft)	2.00			11.00			2.00			8.00			2.00			4.00			2.00			5.00			2.00			8.00		
TCL Semivoletiles			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
Acenaphthene	83-32-9	61320000	ug/kg	ND		7.2	ND		7.7	ND		7.1	3.6	J	8	ND		7.2	ND		7.4	ND		7.1	5.1	J	10	1.8	J	7.1	ND		7.7
Acenaphthylene	208-96-8	NS	ug/kg	4.2	J	7.2	ND		7.7	ND		7.1	20		8	ND		7.2	ND		7.4	2	J	7.1	26		10	5.4	J	7.1	ND		7.7
Acetaphenone	98-86-2	102200000	ug/kg	3	J	35	2.7	J	38	ND		35	2.8	J	39	ND		35	ND		37	ND		35	ND		51	3.1	J	35	3.3	J	38
Anthracene	120-12-7	310000000	ug/kg	3.8	J	7.2	ND		7.7	ND		7.1	17		8	ND		7.2	ND		7.4	3.6	J	7.1	29		10	6.3	J	7.1	ND		7.7
Atrazine	1912-24-9	13000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Benzaldehyde	100-52-7	100000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Benzo(a)anthracene	56-55-3	3920	ug/kg	15		7.2	ND		7.7	ND		7.1	44		8	1.5	J	7.2	3.1	J	7.4	19		7.1	63		10	18		7.1	6.3	J	7.7
Benzo(a)pyrene	50-32-8	392	ug/kg	16		7.2	ND		7.7	ND		7.1	51		8	1.6	J	7.2	3.2	J	7.4	21		7.1	60		10	18		7.1	7.2	J	7.7
Benzo(b)fluoranthene	205-99-2	3920	ug/kg	21		7.2	ND		7.7	ND		7.1	58		8	ND		7.2	4.3	J	7.4	30		7.1	76		10	26		7.1	9.3		7.7
Benzo(g,h,i)perylene	191-24-2	NS	ug/kg	12		7.2	ND		7.7	ND		7.1	42		8	ND		7.2	2	J	7.4	18		7.1	45		10	16		7.1	5.9	J	7.7
Benzo(k)fluoranthene	207-08-9	39200	ug/kg	7.3		7.2	ND		7.7	ND		7.1	20		8	ND		7.2	1.2	J	7.4	12		7.1	31		10	6	J	7.1	3.7	J	7.7
1,1'-Biphenyl	92-52-4	51100000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	4.9	J	51	1.9	J	35	ND		38
bis(2-Chloroethoxy) methane	111-91-1	NS	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
bis(2-Chloroethyl) ether	111-44-4	2600	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10	ND		7.1	ND		7.7
2,2'-oxybis(1-Chloropropane)	108-60-1	40900	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10	ND		7.1	ND		7.7
bis-(2-Ethylhexyl)phthalate	117-81-7	204400	ug/kg	7.1	J	35	5.6	J	38	4.2	J	35	5.6	J	39	5	J	35	5.3	J	37	5.4	J	35	ND		51	8.6	J	35	6.3	J	38
4-Bromophenyl-phenylether	101-55-3	NS	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Butylbenzylphthalate	85-68-7	200000000	ug/kg	5.9	J	35	5.5	J	38	4.3	J	35	3.8	J	39	3.5	J	35	3.7	J	37	3.2	J	35	ND		51	ND		35	ND		38
Caprolactam	105-60-2	510000000	ug/kg	9.5	J	35	13	J	38	9.5	J	35	10	J	39	7.3	J	35	ND		37	ND		35	ND		51	9.2	J	35	ND		38
Carbazole	86-74-8	143080	ug/kg	ND		7.2	ND		7.7	ND		7.1	4.3	J	8	ND		7.2	ND		7.4	2.9	J	7.1	7.5	J	10	1.9	J	7.1	ND		7.7
4-Chloro-3-methylphenol	59-50-7	NS	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
4-Chloroaniline	106-47-8	4100000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
2-Chloronapthalene	91-58-7	81760000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10	ND		7.1	ND		7.7
2-Chlorophenol	95-57-8	5110000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
4-Chlorophenyl-phenylether	7005-72-3	NS	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Chrysene	218-01-9	392000	ug/kg	19		7.2	ND		7.7	ND		7.1	64		8	1.6	J	7.2	3.1	J	7.4	23		7.1	77		10	21		7.1	7.6	J	7.7
2-Methylphenol	95-48-7	51100000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
4-Methylphenol	106-44-5	5100000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Dibenzo(a,h)anthracene	53-70-3	392	ug/kg	ND		7.2	ND		7.7	ND		7.1	8.9		8	ND		7.2	ND		7.4	3.6	J	7.1	13		10	3.7	J	7.1	ND		7.7
Dibenzofuran	132-64-9	NS	ug/kg	ND		35	ND		38	ND		35	2.3	J	39	ND		35	ND		37	ND		35	8.2	J	51	2.8	J	35	ND		38
3,3'-Dichlorobenzidine	91-94-1	6359	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
2,4-Dichlorophenol	120-83-2	3100000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10	ND		7.1	ND		7.7
Diethylphthalate	84-66-2	817600000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
2,4-Dimethylphenol	105-67-9	20000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Dimethylphthalate	131-11-3	NS	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Di-n-butylphthalate	84-74-2	102200000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
4,6-Dinitro-2-methylphenol	534-52-1	NS	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260	ND		180	ND		200
2,4-Dinitrophenol	51-28-5	2044000	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260	ND		180	ND		200
2,4-Dinitrotoluene	121-14-2	2000000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
2,6-Dinitrotoluene	606-20-2	1022000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Fluoranthene	206-44-0	40880000	ug/kg	26		7.2	ND		7.7	ND		7.1	98		8	2.8	J	7.2	5.3	J	7.4	44		7.1	120		10	31		7.1	14		7.7
Fluorene	86-73-7	40880000	ug/kg	ND		7.2	ND		7.7	ND		7.1	6.9	J	8	ND		7.2	ND		7.4	ND		7.1	12		10	3.2	J	7.1	ND		7.7
Hexachlorobenzene	118-74-1	1800	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10	ND		7.1	ND		7.7
Hexachlorobutadiene	87-68-3	36687	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10	ND		7.1	ND		7.7
Hexachlorocyclopentadiene	77-47-4	6132000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Hexachloroethane	67-72-1	204400	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Indeno(1,2,3-cd)pyrene	193-39-5	3900	ug/kg	10		7.2	ND		7.7	ND		7.1	34		8	ND		7.2	ND		7.4	15		7.1	41		10	13		7.1	4.6	J	7.7
Isophorone	78-59-1	3012210.526	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
2-Methylnaphthalene	91-57-6	4088000	ug/kg	ND		7.2	ND		7.7	ND		7.1	3.4	J	8	ND		7.2	ND		7.4	ND		7.1	16		10	3.9	J	7.1	ND		7.7
Naphthalene	91-20-3	20440000	ug/kg	2.3	J	7.2	ND		7.7	ND		7.1	3.9	J	8	1.7	J	7.2	1.9	J	7.4	ND		7.1	30		10	7.3		7.1	ND		7.7
2-Nitroaniline	88-74-4	NS	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260	ND		180	ND		200
3-Nitroaniline	99-09-2	NS	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260	ND		180	ND		200
4-Nitroaniline	100-01-6	NS	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260	ND		180	ND		200
Nitrobenzene	98-95-3	511000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10	ND		7.1	ND		7.7
2-Nitrophenol	88-75-5	NS	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
4-Nitrophenol	100-02-7	NS	ug/kg	ND		180	ND		200	ND		180	ND		200	ND		180	ND		190	ND		180	ND		260	ND		180	ND		200
N-Nitrosodi-n-propylamine	621-64-7	400	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10	ND		7.1	ND		7.7
N-Nitrosodiphenylamine	86-30-6	584000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10	ND		7.1	ND		7.7
Di-n-octylphthalate	117-84-0	NS	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Pentachlorophenol	87-86-5	23847	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
Phenanthrene	85-01-8	NS	ug/kg	16		7.2	3.9	J	7.7	2.5	J	7.1	70		8	3.5	J	7.2	5.3	J	7.4	19		7.1	81		10	22		7.1	9.1		7.7
Phenol	108-95-2	310000000	ug/kg	ND		7.2	ND		7.7	ND		7.1	ND		8	ND		7.2	ND		7.4	ND		7.1	ND		10	ND		7.1	ND		7.7
Pyrene	129-00-0	31000000	ug/kg	30		7.2	ND		7.7	ND		7.1	110		8	2.6	J	7.2	4.9	J	7.4	36		7.1	100		10	28		7.1	12		7.7
2,4,5-Trichlorophenol	95-95-4	102200000	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38
2,4,6-Trichlorophenol	88-06-2	260145	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		51	ND		35	ND		38

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-5			STP-5			STP-6			STP-6			STP-7			STP-7			STP-8			STP-8			STP-9			STP-9		
			Sample ID	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			025-STP-9_1.5-2.0			026-STP-9_5.5-6.0		
			Sample Date	10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			10/31/07			08/31/07		
			Depth to GW	11.00			11.00			8.00			8.00			4.00			4.00			5.00			5.00			6.00			6.00		
			Start Depth (ft)	1.50			10.50			1.50			7.50			1.50			3.50			1.50			4.50			1.50			7.50		
			End Depth (ft)	2.00			11.00			2.00			8.00			2.00			4.00			2.00			5.00			2.00			8.00		
PCB (ug/kg)			**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**
Aroclor 1016	12674-11-2	40880	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50	ND		35	ND		38
Aroclor 1221	11104-28-2	1430.8	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50	ND		35	ND		38
Aroclor 1232	11141-16-5	1430.8	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50	ND		35	ND		38
Aroclor 1242	53469-21-9	1430.8	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50	ND		35	ND		38
Aroclor 1248	12672-29-6	1430.8	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50	ND		35	ND		38
Aroclor 1254	11097-69-1	1430.8	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50	ND		35	ND		38
Aroclor 1260	11096-82-5	1430.8	ug/kg	ND		35	ND		38	ND		35	ND		39	ND		35	ND		37	ND		35	ND		50	ND		35	ND		38
PP Metals (mg/kg)			**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**
Antimony	7440-36-0	408.8	mg/kg	0.064	B	0.21	0.013	B	0.23	0.023	B	0.21	0.01	B	0.24	0.0067	B	0.21	0.011	B	0.22	0.022	B	0.21	0.49		0.31	0.028	B	0.21	0.021	B	0.23
Arsenic	7440-38-2	1.91	mg/kg	**3.6**	J	0.11	**4.6**	J	0.12	**2.9**	J	0.11	**4.3**	J	0.12	**2.8**	J	0.11	**2.9**	J	0.11	**2.9**	J	0.11	**5.2**	J	0.15	**2.9**	J	0.11	**4.6**	J	0.12
Beryllium	7440-41-7	2044	mg/kg	0.43		0.11	0.44		0.12	0.26		0.11	0.55		0.12	0.32		0.11	0.33		0.11	0.34		0.11	1.8		0.15	0.36		0.11	0.51		0.12
Cadmium	7440-43-9	511	mg/kg	0.15		0.11	0.095	B	0.12	0.083	B	0.11	0.079	B	0.12	0.088	B	0.11	0.089	B	0.11	0.11		0.11	7.3		0.15	0.1	B	0.11	0.097	B	0.12
Chromium	7440-47-3	NS	mg/kg	12.2	J	0.21	11.4	J	0.23	7.9	J	0.21	10.1	J	0.24	7.9	J	0.21	8.4	J	0.22	9	J	0.21	64.6	J	0.31	8.3	J	0.21	11.1	J	0.23
Copper	7440-50-8	40880	mg/kg	14.5		0.21	9.9		0.23	8.4		0.21	11.8		0.24	9.6		0.21	9.2		0.22	10.1		0.21	122		0.31	11.1		0.21	12.4		0.23
Lead	7439-92-1	NS	mg/kg	7.8		0.11	8.6		0.12	5.1		0.11	10.8		0.12	5.3		0.11	7.9		0.11	8.7		0.11	176		0.15	6.9		0.11	11.4		0.12
Mercury	7439-97-6	NS	mg/kg	0.029	B	0.035	0.024	B	0.038	0.011	B	0.035	0.028	B	0.039	0.013	B	0.035	0.013	B	0.037	0.023	B	0.035	0.73		0.051	0.021	B	0.035	0.032	B	0.038
Nickel	7440-02-0	20440	mg/kg	10.7	J	0.11	12.4	J	0.12	9.3	J	0.11	12.8	J	0.12	10.5	J	0.11	9.7	J	0.11	10.5	J	0.11	40.6	J	0.15	10.1	J	0.11	13.7	J	0.12
Selenium	7782-49-2	5110	mg/kg	0.43	B	0.54	0.5	B	0.58	0.28	B	0.53	0.79		0.59	0.33	B	0.53	0.39	B	0.55	0.43	B	0.54	2		0.77	0.34	B	0.53	0.55	B	0.58
Silver	7440-22-4	5110	mg/kg	0.032	B	0.11	ND		0.12	ND		0.11	0.0034	B	0.12	ND		0.11	ND		0.11	ND		0.11	1.2		0.15	ND		0.11	ND		0.12
Thallium	7440-28-0	71.54	mg/kg	0.052	B	0.11	0.07	B	0.12	0.029	B	0.11	0.086	B	0.12	0.044	B	0.11	0.046	B	0.11	0.054	B	0.11	0.24		0.15	0.05	B	0.11	0.082	B	0.12
Zinc	7440-66-6	306600	mg/kg	34	J	0.54	30.2	J	0.58	23.4	J	0.53	31.2	J	0.59	24.8	J	0.53	24.1	J	0.55	29.2	J	0.54	1270	J	0.77	28.3	J	0.53	34.4	J	0.58
General Chemistry			**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**
Percent Solids	none	NS	percent	93.5			86.7			94.7			84.2			93.5		1	90.2			93.3			65			94.9			86.8		

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-10			STP-10			STP-10			STP-11			STP-11			STP-12			STP-12			STP-13			STP-13		
			Sample ID	028-STP-10_1.5-2.0'			029-DUP-2_110107			030-STP-10_12.5-13'			032-STP-11_1.5-2.0'			033-STP-11_7.5-8.0'			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		
			Sample Date	11/01/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07			10/30/07			10/30/07		
			Depth to GW	13.00			13.00			13.00			14.50			14.50			8.00			8.00			10.00			10.00		
			Start Depth (ft)	1.50			1.50			12.50			1.50			7.50			1.50			7.50			1.50			9.50		
			End Depth (ft)	2.00			2.00			13.00			2.00			8.00			2.00			8.00			2.00			10.00		
TCL Volatiles			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
Acetone	67-64-1	920000000	ug/kg	ND		23	ND		21	34		23	ND		22	21	J	24	ND		22	3000	J B	5600	ND		20	ND		25
Benzene	71-43-2	52000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Bromodichloromethane	75-27-4	46000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Bromoform	75-25-2	360000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Bromomethane	74-83-9	1400000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
2-Butanone	78-93-3	610000000	ug/kg	ND		5.7	ND		5.3	7.8		5.9	ND		5.5	4.4	J	6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Carbon Disulfide	75-15-0	100000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Carbon Tetrachloride	56-23-5	22000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Chlorobenzene	108-90-7	20000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Chloroethane	75-00-3	990000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Chloroform	67-66-3	10000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Chloromethane	74-87-3	NS	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Isopropylbenzene	98-82-8	100000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	1.3	J	6	ND		5.5	21000		1400	ND		5.1	ND		6.2
Cyclohexane	110-82-7	NS	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,2-Dibromoethane	106-93-4	1400	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,2-Dibromo-3-chloropropane	96-12-8	2000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Dibromochloromethane	124-48-1	34000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,4-Dichlorobenzene	106-46-7	120000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,2-Dichlorobenzene	95-50-1	92000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,3-Dichlorobenzene	541-73-1	3100000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Dichlorodifluoromethane	75-71-8	200000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,1-Dichloroethane	75-34-3	200000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,2-Dichloroethane	107-06-2	31000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
trans-1,2-Dichloroethene	156-60-5	20000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
cis-1,2-Dichloroethene	156-59-2	9200000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,1-Dichloroethene	75-35-4	51000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,2-Dichloropropane	78-87-5	42000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
trans-1,3-Dichloropropene	10061-02-6	29000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
cis-1,3-Dichloropropene	10061-01-5	2900000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Ethylbenzene	100-41-4	100000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	790	J	1400	ND		5.1	ND		6.2
2-Hexanone	591-78-6	NS	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Methyl Acetate	79-20-9	1000000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Methyl tert-Butyl Ether	1634-04-4	720000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
4-Methyl-2-pentanone	108-10-1	NS	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Methylcyclohexane	108-87-2	NS	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	430	J	1400	ND		5.1	ND		6.2
Methylene Chloride	75-09-2	380000	ug/kg	2.4	J	5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	0.87	J	5.5	ND		1400	2.5	J B	5.1	1.8	J B	6.2
Styrene	100-42-5	200000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,1,2,2-Tetrachloroethane	79-34-5	14000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Tetrachloroethene	127-18-4	5300	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Toluene	108-88-3	82000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Xylenes (Total)	1330-20-7	200000000	ug/kg	ND		17	ND		16	ND		18	ND		17	ND		18	ND		16	3500	J	4200	ND		15	ND		19
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	31000000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,2,4-Trichlorobenzene	120-82-1	10000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,1,1-Trichloroethane	71-55-6	290000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
1,1,2-Trichloroethane	79-00-5	50000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Trichloroethene	79-01-6	7200	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Trichlorofluoromethane	75-69-4	310000000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2
Vinyl Chloride	75-01-4	4000	ug/kg	ND		5.7	ND		5.3	ND		5.9	ND		5.5	ND		6	ND		5.5	ND		1400	ND		5.1	ND		6.2

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-10			STP-10			STP-10			STP-11			STP-11			STP-12			STP-12			STP-13			STP-13		
			Sample ID	028-STP-10_1.5-2.0'			029-DUP-2_110107			030-STP-10_12.5-13'			032-STP-11_1.5-2.0'			033-STP-11_7.5-8.0'			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		
			Sample Date	11/01/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07			10/30/07			10/30/07		
			Depth to GW	13.00			13.00			13.00			14.50			14.50			8.00			8.00			10.00			10.00		
			Start Depth (ft)	1.50			1.50			12.50			1.50			7.50			1.50			7.50			1.50			9.50		
			End Depth (ft)	2.00			2.00			13.00			2.00			8.00			2.00			8.00			2.00			10.00		
TCL Semivolatiles			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
Acenaphthene	83-32-9	61320000	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	81		74	55		7.2
Acenaphthylene	208-96-8	NS	ug/kg	2.8	J	7.4	8.5		7.4	ND		7.7	ND		15	ND		8	2.3	J	7.4	ND		1500	91		74	7.1	J	7.2
Acetaphenone	98-86-2	102200000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Anthracene	120-12-7	310000000	ug/kg	ND		7.4	6.4	J	7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	280		74	94		7.2
Atrazine	1912-24-9	13000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Benzaldehyde	100-52-7	100000000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Benzo(a)anthracene	56-55-3	3920	ug/kg	5.9	J	7.4	19		7.4	ND		7.7	11	J	15	ND		8	6.6	J	7.4	ND		1500	1800		74	350		7.2
Benzo(a)pyrene	50-32-8	392	ug/kg	6.2	J	7.4	18		7.4	3.1	J	7.7	19		15	ND		8	10		7.4	ND		**1500**	**1900**		74	270		7.2
Benzo(b)fluoranthene	205-99-2	3920	ug/kg	7.6		7.4	28		7.4	ND		7.7	23		15	ND		8	11		7.4	ND		1500	2600		74	370		7.2
Benzo(g,h,i)perylene	191-24-2	NS	ug/kg	5.8	J	7.4	17		7.4	2.7	J	7.7	16		15	ND		8	9.7		7.4	ND		1500	1400		74	150		7.2
Benzo(k)fluoranthene	207-08-9	39200	ug/kg	3.5	J	7.4	7.2	J	7.4	ND		7.7	8.5	J	15	ND		8	6.5	J	7.4	ND		1500	1000		74	140		7.2
1,1'-Biphenyl	92-52-4	51100000	ug/kg	ND		36	13	J	37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	7.8	J	35
bis(2-Chloroethoxyl methane	111-91-1	NS	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
bis(2-Chloroethyl) ether	111-44-4	2600	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	ND		74	ND		7.2
2,2'-oxybis(1-Chloropropane)	108-60-1	40900	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	ND		74	ND		7.2
bis-(2-Ethylhexyl)phthalate	117-81-7	204400	ug/kg	ND		36	8.3	J	37	11	J	38	33	J	72	9.8	J	40	7.9	J	36	ND		7400	ND		360	110		35
4-Bromophenyl-phenylether	101-55-3	NS	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Butylbenzylphthalate	85-68-7	200000000	ug/kg	3.3	J	36	6.1	J	37	11	J	38	ND		72	9	J	40	7.1	J	36	ND		7400	ND		360	5.6	J	35
Caprolactam	105-60-2	510000000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Carbazole	86-74-8	143080	ug/kg	ND		7.4	3	J	7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	300		74	68		7.2
4-Chloro-3-methylphenol	59-50-7	NS	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
4-Chloroaniline	106-47-8	4100000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
2-Chloronaphthalene	91-58-7	81760000	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	ND		74	ND		7.2
2-Chlorophenol	95-57-8	5110000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
4-Chlorophenyl-phenylether	7005-72-3	NS	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Chrysene	218-01-9	392000	ug/kg	10		7.4	35		7.4	ND		7.7	17		15	ND		8	12		7.4	ND		1500	2100		74	400		7.2
2-Methylphenol	95-48-7	51100000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
4-Methylphenol	106-44-5	5100000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Dibenzo(a,h)anthracene	53-70-3	392	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		**1500**	330		74	41		7.2
Dibenzofuran	132-64-9	NS	ug/kg	ND		36	19	J	37	ND		38	ND		72	ND		40	ND		36	ND		7400	45	J	360	40		35
3,3'-Dichlorobenzidine	91-94-1	6359	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		**7400**	ND		360	ND		35
2,4-Dichlorophenol	120-83-2	3100000	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	ND		74	ND		7.2
Diethylphthalate	84-66-2	817600000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
2,4-Dimethylphenol	105-67-9	20000000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Dimethylphthalate	131-11-3	NS	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Di-n-butylphthalate	84-74-2	102200000	ug/kg	ND		36	9.1	J	37	7.9	J	38	ND		72	8.3	J	40	8.3	J	36	ND		7400	ND		360	18	J	35
4,6-Dinitro-2-methylphenol	534-52-1	NS	ug/kg	ND		190	ND		190	ND		200	ND		370	ND		200	ND		190	ND		38000	ND		1900	ND		180
2,4-Dinitrophenol	51-28-5	2044000	ug/kg	ND		190	ND		190	ND		200	ND		370	ND		200	ND		190	ND		38000	ND		1900	ND		180
2,4-Dinitrotoluene	121-14-2	2000000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
2,6-Dinitrotoluene	606-20-2	1022000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Fluoranthene	206-44-0	40880000	ug/kg	8.9		7.4	32		7.4	4.6	J	7.7	26		15	2.9	J	8	22		7.4	ND		1500	5100		74	710		7.2
Fluorene	86-73-7	40880000	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	81		74	75		7.2
Hexachlorobenzene	118-74-1	1800	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	ND		74	ND		7.2
Hexachlorobutadiene	87-68-3	36687	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	ND		74	ND		7.2
Hexachlorocyclopentadiene	77-47-4	6132000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Hexachloroethane	67-72-1	204400	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Indeno(1,2,3-cd)pyrene	193-39-5	3900	ug/kg	4.6	J	7.4	14		7.4	ND		7.7	11	J	15	ND		8	4.8	J	7.4	ND		1500	1300		74	140		7.2
Isophorone	78-59-1	3012210.526	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	380		360	ND		35
2-Methylnaphthalene	91-57-6	4088000	ug/kg	7.7		7.4	64		7.4	ND		7.7	ND		15	22		8	ND		7.4	30000		1500	ND		74	11		7.2
Naphthalene	91-20-3	20440000	ug/kg	6	J	7.4	34		7.4	ND		7.7	ND		15	230		8	4.2	J	7.4	210000		1500	24	J	74	24		7.2
2-Nitroaniline	88-74-4	NS	ug/kg	ND		190	ND		190	ND		200	ND		370	ND		200	ND		190	ND		38000	ND		1900	ND		180
3-Nitroaniline	99-09-2	NS	ug/kg	ND		190	ND		190	ND		200	ND		370	ND		200	ND		190	ND		38000	ND		1900	ND		180
4-Nitroaniline	100-01-6	NS	ug/kg	ND		190	ND		190	ND		200	ND		370	ND		200	ND		190	ND		38000	ND		1900	ND		180
Nitrobenzene	98-95-3	511000	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	ND		74	ND		7.2
2-Nitrophenol	88-75-5	NS	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
4-Nitrophenol	100-02-7	NS	ug/kg	ND		190	ND		190	ND		200	ND		370	ND		200	ND		190	ND		38000	ND		1900	ND		180
N-Nitrosodi-n-propylamine	621-64-7	400	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		**1500**	ND		74	ND		7.2
N-Nitrosodiphenylamine	86-30-6	584000	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	ND		74	ND		7.2
Di-n-octylphthalate	117-84-0	NS	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Pentachlorophenol	87-86-5	23847	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
Phenanthrene	85-01-8	NS	ug/kg	13		7.4	67		7.4	4.6	J	7.7	12	J	15	ND		8	11		7.4	ND		1500	2100		74	410		7.2
Phenol	108-95-2	310000000	ug/kg	ND		7.4	ND		7.4	ND		7.7	ND		15	ND		8	ND		7.4	ND		1500	ND		74	ND		7.2
Pyrene	129-00-0	31000000	ug/kg	11		7.4	36		7.4	4.5	J	7.7	21		15	2.4	J	8	19		7.4	ND		1500	3600		74	520		7.2
2,4,5-Trichlorophenol	95-95-4	102200000	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35
2,4,6-Trichlorophenol	88-06-2	260145	ug/kg	ND		36	ND		37	ND		38	ND		72	ND		40	ND		36	ND		7400	ND		360	ND		35

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-10			STP-10			STP-10			STP-11			STP-11			STP-12			STP-12			STP-13			STP-13		
			Sample ID	028-STP-10_1.5-2.0'			029-DUP-2_110107			030-STP-10_12.5-13'			032-STP-11_1.5-2.0'			033-STP-11_7.5-8.0'			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		
			Sample Date	11/01/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07			11/01/07			10/30/07			10/30/07		
			Depth to GW	13.00			13.00			13.00			14.50			14.50			8.00			8.00			10.00			10.00		
			Start Depth (ft)	1.50			1.50			12.50			1.50			7.50			1.50			7.50			1.50			9.50		
			End Depth (ft)	2.00			2.00			13.00			2.00			8.00			2.00			8.00			2.00			10.00		
PCB (ug/kg)			**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**
Aroclor 1016	12674-11-2	40880	ug/kg	ND		36	ND		37	ND		38	ND		36	ND		40	ND		36	110		37	ND		36	ND		36
Aroclor 1221	11104-28-2	1430.8	ug/kg	ND		36	ND		37	ND		38	ND		36	ND		40	ND		36	ND		37	ND		36	ND		36
Aroclor 1232	11141-16-5	1430.8	ug/kg	ND		36	ND		37	ND		38	ND		36	ND		40	ND		36	ND		37	ND		36	ND		36
Aroclor 1242	53469-21-9	1430.8	ug/kg	ND		36	ND		37	ND		38	ND		36	ND		40	ND		36	ND		37	ND		36	ND		36
Aroclor 1248	12672-29-6	1430.8	ug/kg	ND		36	ND		37	ND		38	ND		36	ND		40	ND		36	ND		37	ND		36	ND		36
Aroclor 1254	11097-69-1	1430.8	ug/kg	ND		36	ND		37	ND		38	35	J	36	ND		40	ND		36	1100		37	130		36	35	J	36
Aroclor 1260	11096-82-5	1430.8	ug/kg	ND		36	ND		37	ND		38	ND		36	ND		40	ND		36	ND		37	ND		36	ND		36
PP Metals (mg/kg)			**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**
Antimony	7440-36-0	408.8	mg/kg	0.047	B	0.22	0.035	B	0.22	0.014	B	0.23	0.028	B	0.22	0.011	B	0.24	0.021	B	0.22	0.037	B	0.23	0.021	B	0.22	0.056	B	0.22
Arsenic	7440-38-2	1.91	mg/kg	**3**		0.11	**3.5**		0.11	**6.4**		0.11	**4.7**		0.11	**4.3**		0.12	**3.8**		0.11	1.7		0.11	**7**		0.11	**5.6**		0.11
Beryllium	7440-41-7	2044	mg/kg	0.35		0.11	0.43		0.11	0.56		0.11	0.34		0.11	0.48		0.12	0.38		0.11	0.25		0.11	0.48		0.11	1.4		0.11
Cadmium	7440-43-9	511	mg/kg	0.13		0.11	0.29		0.11	0.13		0.11	0.14		0.11	0.14		0.12	0.12		0.11	0.097	B	0.11	0.19		0.11	0.13		0.11
Chromium	7440-47-3	NS	mg/kg	24.9		0.22	465		0.22	10.9		0.23	8.3		0.22	10		0.24	10.8		0.22	12.6		0.23	11.7	J	0.22	34.5	J	0.22
Copper	7440-50-8	40880	mg/kg	12.4	J	0.22	13.8	J	0.22	12.5	J	0.23	12.2	J	0.22	12.7	J	0.24	13	J	0.22	8.8	J	0.23	15.3	J	0.22	27.3	J	0.22
Lead	7439-92-1	NS	mg/kg	9.5		0.11	15.9		0.11	13.6		0.11	9.4		0.11	11.8		0.12	9.6		0.11	4.2		0.11	15.2		0.11	15.6		0.11
Mercury	7439-97-6	NS	mg/kg	0.033	B	0.036	0.041		0.037	0.23		0.038	0.031	B	0.036	0.018	B	0.04	0.019	B	0.036	0.01	B	0.037	0.035	B	0.036	0.0083	B	0.036
Nickel	7440-02-0	20440	mg/kg	12.2		0.11	10.2		0.11	13.5		0.11	11.3		0.11	14.4		0.12	13.6		0.11	7.9		0.11	12.2		0.11	22.4		0.11
Selenium	7782-49-2	5110	mg/kg	0.19	B	0.55	0.3	B	0.55	0.53	B	0.57	0.21	B	0.55	0.45	B	0.6	0.24	B	0.55	0.19	B	0.56	0.68	J	0.55	0.79	J	0.54
Silver	7440-22-4	5110	mg/kg	0.015	B	0.11	0.033	B	0.11	0.024	B	0.11	0.015	B	0.11	0.023	B	0.12	0.015	B	0.11	0.011	B	0.11	0.0073	B	0.11	0.029	B	0.11
Thallium	7440-28-0	71.54	mg/kg	0.052	B	0.11	0.061	B	0.11	0.11		0.11	0.05	B	0.11	0.089	B	0.12	0.065	B	0.11	0.031	B	0.11	0.086	B J	0.11	0.47	J	0.11
Zinc	7440-66-6	306600	mg/kg	41.8	J	0.55	59.9	J	0.55	38	J	0.57	34.8	J	0.55	36.8	J	0.6	33.4	J	0.55	26.9	J	0.56	38.6	J	0.55	53.1	J	0.54
General Chemistry			**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**
Percent Solids	none	NS	percent	90.7			90.2			87			91.7			83.5			90.5	-	-	88.6	-	-	90.7			92.2		

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-14			STP-14			STP-15			STP-15		
			Sample ID	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'		
			Sample Date	10/31/07			10/31/07			11/01/07			11/01/07		
			Depth to GW	12.00			12.00			9.00			9.00		
			Start Depth (ft)	1.50			11.50			1.50			8.50		
			End Depth (ft)	2.00			12.00			2.00			9.00		
TCL Volatiles			Units	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
Acetone	67-64-1	920000000	ug/kg	ND		20	7.8	J	21	ND		24	ND		24
Benzene	71-43-2	52000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Bromodichloromethane	75-27-4	46000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Bromoform	75-25-2	360000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Bromomethane	74-83-9	1400000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
2-Butanone	78-93-3	610000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Carbon Disulfide	75-15-0	100000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Carbon Tetrachloride	56-23-5	22000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Chlorobenzene	108-90-7	20000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Chloroethane	75-00-3	990000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Chloroform	67-66-3	10000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Chloromethane	74-87-3	NS	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Isopropylbenzene	98-82-8	100000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Cyclohexane	110-82-7	NS	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dibromoethane	106-93-4	1400	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dibromo-3-chloropropane	96-12-8	2000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Dibromochloromethane	124-48-1	34000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,4-Dichlorobenzene	106-46-7	120000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dichlorobenzene	95-50-1	92000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,3-Dichlorobenzene	541-73-1	3100000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Dichlorodifluoromethane	75-71-8	200000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,1-Dichloroethane	75-34-3	200000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dichloroethane	107-06-2	31000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
trans-1,2-Dichloroethene	156-60-5	20000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
cis-1,2-Dichloroethene	156-59-2	9200000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,1-Dichloroethene	75-35-4	51000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,2-Dichloropropane	78-87-5	42000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
trans-1,3-Dichloropropene	10061-02-6	29000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
cis-1,3-Dichloropropene	10061-01-5	2900000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Ethylbenzene	100-41-4	100000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
2-Hexanone	591-78-6	NS	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Methyl Acetate	79-20-9	1000000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Methyl tert-Butyl Ether	1634-04-4	720000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
4-Methyl-2-pentanone	108-10-1	NS	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Methylcyclohexane	108-87-2	NS	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Methylene Chloride	75-09-2	380000	ug/kg	1.3	J	5	1	J	5.4	ND		6	ND		5.9
Styrene	100-42-5	200000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,1,2,2-Tetrachloroethane	79-34-5	14000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Tetrachloroethene	127-18-4	5300	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Toluene	108-88-3	82000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Xylenes (Total)	1330-20-7	200000000	ug/kg	ND		15	ND		16	ND		18	ND		18
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	31000000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,2,4-Trichlorobenzene	120-82-1	10000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,1,1-Trichloroethane	71-55-6	290000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
1,1,2-Trichloroethane	79-00-5	50000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Trichloroethene	79-01-6	7200	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Trichlorofluoromethane	75-69-4	310000000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9
Vinyl Chloride	75-01-4	4000	ug/kg	ND		5	ND		5.4	ND		6	ND		5.9

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-14			STP-14			STP-15			STP-15		
			Sample ID	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'		
			Sample Date	10/31/07			10/31/07			11/01/07			11/01/07		
			Depth to GW	12.00			12.00			9.00			9.00		
			Start Depth (ft)	1.50			11.50			1.50			8.50		
			End Depth (ft)	2.00			12.00			2.00			9.00		
TCL Semivolatiles			Units	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
Acenaphthene	83-32-9	61320000	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Acenaphthylene	208-96-8	NS	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Acetaphenone	98-86-2	102200000	ug/kg	ND		37	ND		35	ND		39	ND		36
Anthracene	120-12-7	310000000	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Atrazine	1912-24-9	13000	ug/kg	ND		37	ND		35	ND		39	ND		36
Benzaldehyde	100-52-7	100000000	ug/kg	ND		37	ND		35	ND		39	ND		36
Benzo(a)anthracene	56-55-3	3920	ug/kg	2.8	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(a)pyrene	50-32-8	392	ug/kg	3.1	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(b)fluoranthene	205-99-2	3920	ug/kg	4.5	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(g,h,i)perylene	191-24-2	NS	ug/kg	1.8	J	7.5	ND		7.2	ND		7.8	ND		7.4
Benzo(k)fluoranthene	207-08-9	39200	ug/kg	1.5	J	7.5	ND		7.2	ND		7.8	ND		7.4
1,1'-Biphenyl	92-52-4	51100000	ug/kg	ND		37	ND		35	ND		39	ND		36
bis(2-Chloroethoxy) methane	111-91-1	NS	ug/kg	ND		37	ND		35	ND		39	ND		36
bis(2-Chloroethyl) ether	111-44-4	2600	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
2,2'-oxybis(1-Chloropropane)	108-60-1	40900	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
bis-(2-Ethylhexyl)phthalate	117-81-7	204400	ug/kg	15	J	37	ND		35	18	J	39	ND		36
4-Bromophenyl-phenylether	101-55-3	NS	ug/kg	ND		37	ND		35	ND		39	ND		36
Butylbenzylphthalate	85-68-7	200000000	ug/kg	ND		37	3.6	J	35	ND		39	11	J	36
Caprolactam	105-60-2	510000000	ug/kg	ND		37	7.9	J	35	ND		39	ND		36
Carbazole	86-74-8	143080	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
4-Chloro-3-methylphenol	59-50-7	NS	ug/kg	ND		37	ND		35	ND		39	ND		36
4-Chloroaniline	106-47-8	4100000	ug/kg	ND		37	ND		35	ND		39	ND		36
2-Chloronapthalene	91-58-7	81760000	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
2-Chlorophenol	95-57-8	5110000	ug/kg	ND		37	ND		35	ND		39	ND		36
4-Chlorophenyl-phenylether	7005-72-3	NS	ug/kg	ND		37	ND		35	ND		39	ND		36
Chrysene	218-01-9	392000	ug/kg	3.3	J	7.5	ND		7.2	ND		7.8	ND		7.4
2-Methylphenol	95-48-7	51100000	ug/kg	ND		37	ND		35	ND		39	ND		36
4-Methylphenol	106-44-5	5100000	ug/kg	ND		37	ND		35	ND		39	ND		36
Dibenzo(a,h)anthracene	53-70-3	392	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Dibenzofuran	132-64-9	NS	ug/kg	ND		37	ND		35	ND		39	ND		36
3,3'-Dichlorobenzidine	91-94-1	6359	ug/kg	ND		37	ND		35	ND		39	ND		36
2,4-Dichlorophenol	120-83-2	3100000	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Diethylphthalate	84-66-2	817600000	ug/kg	ND		37	ND		35	ND		39	ND		36
2,4-Dimethylphenol	105-67-9	20000000	ug/kg	ND		37	ND		35	ND		39	ND		36
Dimethylphthalate	131-11-3	NS	ug/kg	ND		37	ND		35	ND		39	ND		36
Di-n-butylphthalate	84-74-2	102200000	ug/kg	16	J	37	ND		35	10	J	39	10	J	36
4,6-Dinitro-2-methylphenol	534-52-1	NS	ug/kg	ND		190	ND		180	ND		200	ND		190
2,4-Dinitrophenol	51-28-5	2044000	ug/kg	ND		190	ND		180	ND		200	ND		190
2,4-Dinitrotoluene	121-14-2	2000000	ug/kg	ND		37	ND		35	ND		39	ND		36
2,6-Dinitrotoluene	606-20-2	1022000	ug/kg	ND		37	ND		35	ND		39	ND		36
Fluoranthene	206-44-0	40880000	ug/kg	6.9	J	7.5	ND		7.2	3.1	J	7.8	ND		7.4
Fluorene	86-73-7	40880000	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Hexachlorobenzene	118-74-1	1800	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Hexachlorobutadiene	87-68-3	36687	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Hexachlorocyclopentadiene	77-47-4	6132000	ug/kg	ND		37	ND		35	ND		39	ND		36
Hexachloroethane	67-72-1	204400	ug/kg	ND		37	ND		35	ND		39	ND		36
Indeno(1,2,3-cd)pyrene	193-39-5	3900	ug/kg	1.6	J	7.5	ND		7.2	ND		7.8	ND		7.4
Isophorone	78-59-1	3012210.526	ug/kg	ND		37	ND		35	ND		39	ND		36
2-Methylnaphthalene	91-57-6	4088000	ug/kg	ND		7.5	ND		7.2	5	J	7.8	2.5	J	7.4
Naphthalene	91-20-3	20440000	ug/kg	ND		7.5	ND		7.2	35		7.8	15		7.4
2-Nitroaniline	88-74-4	NS	ug/kg	ND		190	ND		180	ND		200	ND		190
3-Nitroaniline	99-09-2	NS	ug/kg	ND		190	ND		180	ND		200	ND		190
4-Nitroaniline	100-01-6	NS	ug/kg	ND		190	ND		0.18	ND		200	ND		190
Nitrobenzene	98-95-3	511000	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
2-Nitrophenol	88-75-5	NS	ug/kg	ND		37	ND		35	ND		39	ND		36
4-Nitrophenol	100-02-7	NS	ug/kg	ND		190	ND		180	ND		200	ND		190
N-Nitrosodi-n-propylamine	621-64-7	400	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
N-Nitrosodiphenylamine	86-30-6	584000	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Di-n-octylphthalate	117-84-0	NS	ug/kg	ND		37	ND		35	ND		39	ND		36
Pentachlorophenol	87-86-5	23847	ug/kg	ND		37	ND		35	ND		39	ND		36
Phenanthrene	85-01-8	NS	ug/kg	5.6	J	7.5	2.6	J	7.2	4.3	J	7.8	3.8	J	7.4
Phenol	108-95-2	310000000	ug/kg	ND		7.5	ND		7.2	ND		7.8	ND		7.4
Pyrene	129-00-0	31000000	ug/kg	5.4	J	7.5	ND		7.2	ND		7.8	ND		7.4
2,4,5-Trichlorophenol	95-95-4	102200000	ug/kg	ND		37	ND		35	ND		39	ND		36
2,4,6-Trichlorophenol	88-06-2	260145	ug/kg	ND		37	ND		35	ND		39	ND		36

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	STP-14			STP-14			STP-15			STP-15		
			Sample ID	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'		
			Sample Date	10/31/07			10/31/07			11/01/07			11/01/07		
			Depth to GW	12.00			12.00			9.00			9.00		
			Start Depth (ft)	1.50			11.50			1.50			8.50		
			End Depth (ft)	2.00			12.00			2.00			9.00		
PCB (ug/kg)			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Aroclor 1016	12674-11-2	40880	ug/kg	ND		37	ND		36	ND		39	ND		36
Aroclor 1221	11104-28-2	1430.8	ug/kg	ND		37	ND		36	ND		39	ND		36
Aroclor 1232	11141-16-5	1430.8	ug/kg	ND		37	ND		36	ND		39	ND		36
Aroclor 1242	53469-21-9	1430.8	ug/kg	ND		37	ND		36	ND		39	ND		36
Aroclor 1248	12672-29-6	1430.8	ug/kg	ND		37	ND		36	ND		39	ND		36
Aroclor 1254	11097-69-1	1430.8	ug/kg	**1700**		37	ND		36	ND		39	ND		36
Aroclor 1260	11096-82-5	1430.8	ug/kg	ND		37	ND		36	ND		39	ND		36
PP Metals (mg/kg)			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Antimony	7440-36-0	408.8	mg/kg	0.042	B	0.22	0.059	B	0.22	0.027	B	0.23	0.012	B	0.22
Arsenic	7440-38-2	1.91	mg/kg	**4.4**	J	0.11	**3.3**	J	0.11	**3.6**		0.12	1.9		0.11
Beryllium	7440-41-7	2044	mg/kg	0.38		0.11	0.41		0.11	0.3		0.12	0.22		0.11
Cadmium	7440-43-9	511	mg/kg	0.089	B	0.11	0.094	B	0.11	0.081	B	0.12	0.057	B	0.11
Chromium	7440-47-3	NS	mg/kg	8.9	J	0.22	8.3	J	0.22	7.6		0.23	5.9		0.22
Copper	7440-50-8	40880	mg/kg	11		0.22	10.5		0.22	11.2	J	0.23	7.9	J	0.22
Lead	7439-92-1	NS	mg/kg	8.4		0.11	7.4		0.11	8.5		0.12	4.1		0.11
Mercury	7439-97-6	NS	mg/kg	0.03	B	0.037	0.0092	B	0.036	0.027	B	0.039	0.0093	B	0.036
Nickel	7440-02-0	20440	mg/kg	12.3	J	0.11	11.1	J	0.11	12.6		0.12	9.6		0.11
Selenium	7782-49-2	5110	mg/kg	0.47	B	0.56	0.38	B	0.54	0.17	B	0.59	0.096	B	0.55
Silver	7440-22-4	5110	mg/kg	ND		0.11	ND		0.11	0.011	B	0.12	0.008	B	0.11
Thallium	7440-28-0	71.54	mg/kg	0.078	B	0.11	0.07	B	0.11	0.055	B	0.12	0.031	B	0.11
Zinc	7440-66-6	306600	mg/kg	28.8	J	0.56	27.1	J	0.54	28.8	J	0.59	22.7	J	0.55
General Chemistry			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Percent Solids	none	NS	percent	88.9			92.1			85.4			91		

Laboratory Qualifiers:

Organic Qualifiers:

B = Analyte was detected in the method blank.

J = Estimated Result. Result is less than RL.

Inorganic Qualifiers:

B = Analyte was detected in the method blank.

J = Estimated Result. Result is less than RL.

Notes:

EPA = Environmental Protection Agency

RBC = Risk Based Criterium for EPA Region III Industrial Soil.

RL = Reporting Limit.

NS = No EPA Remediation Standard.

NA = Not Analyzed or Not Applicable.

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

ug/kg = microgram per kilogram.

mg/kg = milligram per kilogram.

9421 = Result or reporting limit exceeds the EPA Region III Industrial Soil RBC

1. MSC listed for cis-1,3-Dichloropropene aNDtrans-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 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	016-FB-2-103107			007-FB-1_103007			031-FB-3_110107			011-TB-1-103107			027-TB-2_103007			038-TB-3_110107		
			Sample ID	C7K010229-005			C7J310198-007			C7K020245-004			C7J310198-011			C7K010229-016			C7K020245-011		
			Sample Date	10/31/07			10/30/07			10/30/07			10/31/07			10/30/07			10/30/07		
			Depth to GW	WATER			WATER			WATER			WATER			WATER			WATER		
			Start Depth (ft)	1.00			1.00			1.00			1.00			1.00			1.00		
			End Depth (ft)	ug/L			ug/L			ug/L			ug/L			ug/L			ug/L		
TCL Volatiles			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Acetone	67-64-1	920000000	ug/kg	ND		5	3.2	J	5	2.8	J	5	3.3	J	5	ND		5	ND		5
Benzene	71-43-2	52000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Bromodichloromethane	75-27-4	46000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Bromoform	75-25-2	360000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Bromomethane	74-83-9	1400000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
2-Butanone	78-93-3	610000000	ug/kg	ND		5	ND		5	ND		5	ND		5	ND		5	ND		5
Carbon Disulfide	75-15-0	100000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Carbon Tetrachloride	56-23-5	22000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chlorobenzene	108-90-7	20000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chloroethane	75-00-3	990000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chloroform	67-66-3	10000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Chloromethane	74-87-3	NS	ug/kg	0.46	J	1	ND		1	ND		1	ND		1	ND		1	ND		1
Isopropylbenzene	98-82-8	100000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Cyclohexane	110-82-7	NS	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dibromoethane	106-93-4	1400	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dibromo-3-chloropropane	96-12-8	2000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Dibromochloromethane	124-48-1	34000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,4-Dichlorobenzene	106-46-7	120000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dichlorobenzene	95-50-1	92000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,3-Dichlorobenzene	541-73-1	3100000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Dichlorodifluoromethane	75-71-8	200000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1-Dichloroethane	75-34-3	200000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dichloroethane	107-06-2	31000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
trans-1,2-Dichloroethene	156-60-5	20000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
cis-1,2-Dichloroethene	156-59-2	9200000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1-Dichloroethene	75-35-4	51000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2-Dichloropropane	78-87-5	42000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
trans-1,3-Dichloropropene	10061-02-6	29000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
cis-1,3-Dichloropropene	10061-01-5	2900000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Ethylbenzene	100-41-4	100000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
2-Hexanone	591-78-6	NS	ug/kg	ND		5	ND		5	ND		5	ND		5	ND		5	ND		5
Methyl Acetate	79-20-9	1000000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Methyl tert-Butyl Ether	1634-04-4	720000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
4-Methyl-2-pentanone	108-10-1	NS	ug/kg	ND		5	ND		5	ND		5	ND		5	ND		5	ND		5
Methylcyclohexane	108-87-2	NS	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Methylene Chloride	75-09-2	380000	ug/kg	ND		1	0.27	J	1	0.28	J,B	1	1		1	ND		1	0.51	J,B	1
Styrene	100-42-5	200000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1,2,2-Tetrachloroethane	79-34-5	14000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Tetrachloroethene	127-18-4	5300	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Toluene	108-88-3	82000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Xylenes (Total)	1330-20-7	200000000	ug/kg	ND		3	ND		3	ND		3	ND		3	ND		3	ND		3
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	31000000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,2,4-Trichlorobenzene	120-82-1	10000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1,1-Trichloroethane	71-55-6	290000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
1,1,2-Trichloroethane	79-00-5	50000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Trichloroethene	79-01-6	7200	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Trichlorofluoromethane	75-69-4	310000000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
Vinyl Chloride	75-01-4	4000	ug/kg	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1

Table 4
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Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	016-FB-2-103107			007-FB-1_103007			031-FB-3_110107			011-TB-1-103107			027-TB-2_103007			038-TB-3_110107		
			Sample ID	C7K010229-005			C7J310198-007			C7K020245-004			C7J310198-011			C7K010229-016			C7K020245-011		
			Sample Date	10/31/07			10/30/07			10/30/07			10/31/07			10/30/07			10/30/07		
			Depth to GW	WATER			WATER			WATER			WATER			WATER			WATER		
			Start Depth (ft)	1.00			1.00			1.00			1.00			1.00			1.00		
			End Depth (ft)	ug/L			ug/L			ug/L			ug/L			ug/L			ug/L		
TCL Semivolatiles			Units	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL	Result	Q	RL
Acenaphthene	83-32-9	61320000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Acenaphthylene	208-96-8	NS	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Acetaphenone	98-86-2	102200000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Anthracene	120-12-7	310000000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Atrazine	1912-24-9	13000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Benzaldehyde	100-52-7	100000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Benzo(a)anthracene	56-55-3	3920	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(a)pyrene	50-32-8	392	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(b)fluoranthene	205-99-2	3920	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(g,h,i)perylene	191-24-2	NS	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Benzo(k)fluoranthene	207-08-9	39200	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
1,1'-Biphenyl	92-52-4	51100000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
bis(2-Chloroethoxy) methane	111-91-1	NS	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
bis(2-Chloroethyl) ether	111-44-4	2600	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2,2'-oxybis(1-Chloropropane)	108-60-1	40900	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
bis-(2-Ethylhexyl)phthalate	117-81-7	204400	ug/kg	ND		0.96	ND		0.95	0.17	J	0.95	-		-	-		-	-		-
4-Bromophenyl-phenylether	101-55-3	NS	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Butylbenzylphthalate	85-68-7	200000000	ug/kg	ND		0.96	0.18	J	0.95	ND		0.95	-		-	-		-	-		-
Caprolactam	105-60-2	510000000	ug/kg	ND		0.96	0.27	J	0.95	ND		0.95	-		-	-		-	-		-
Carbazole	86-74-8	143080	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
4-Chloro-3-methylphenol	59-50-7	NS	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Chloroaniline	106-47-8	4100000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2-Chloronapthalene	91-58-7	817600000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Chlorophenol	95-57-8	5110000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Chlorophenyl-phenylether	7005-72-3	NS	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Chrysene	218-01-9	392000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Methylphenol	95-48-7	51100000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Methylphenol	106-44-5	5100000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Dibenzo(a,h)anthracene	53-70-3	392	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Dibenzofuran	132-64-9	NS	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
3,3'-Dichlorobenzidine	91-94-1	6359	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,4-Dichlorophenol	120-83-2	3100000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Diethylphthalate	84-66-2	817600000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,4-Dimethylphenol	105-67-9	20000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Dimethylphthalate	131-11-3	NS	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Di-n-butylphthalate	84-74-2	102200000	ug/kg	ND		0.96	0.091	J	0.95	ND		0.95	-		-	-		-	-		-
4,6-Dinitro-2-methylphenol	534-52-1	NS	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
2,4-Dinitrophenol	51-28-5	2044000	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
2,4-Dinitrotoluene	121-14-2	2000000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,6-Dinitrotoluene	606-20-2	1022000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Fluoranthene	206-44-0	40880000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Fluorene	86-73-7	40880000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Hexachlorobenzene	118-74-1	1900	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Hexachlorobutadiene	87-68-3	36687	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Hexachlorocyclopentadiene	77-47-4	6132000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Hexachloroethane	67-72-1	204400	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Indeno(1,2,3-cd)pyrene	193-39-5	3900	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Isophorone	78-59-1	3012210.526	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2-Methylnaphthalene	91-57-6	4088000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Naphthalene	91-20-3	20440000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Nitroaniline	88-74-4	NS	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
3-Nitroaniline	99-09-2	NS	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
4-Nitroaniline	100-01-6	NS	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
Nitrobenzene	98-95-3	511000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2-Nitrophenol	88-75-5	NS	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
4-Nitrophenol	100-02-7	NS	ug/kg	ND		4.8	ND		4.8	ND		4.8	-		-	-		-	-		-
N-Nitrosodi-n-propylamine	621-64-7	400	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
N-Nitrosodiphenylamine	86-30-6	584000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Di-n-octylphthalate	117-84-0	NS	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Pentachlorophenol	87-86-5	23847	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
Phenanthrene	85-01-8	NS	ug/kg	ND		0.19	0.085	J	0.19	ND		0.19	-		-	-		-	-		-
Phenol	108-95-2	310000000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
Pyrene	129-00-0	31000000	ug/kg	ND		0.19	ND		0.19	ND		0.19	-		-	-		-	-		-
2,4,5-Trichlorophenol	95-95-4	102200000	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-
2,4,6-Trichlorophenol	88-06-2	260145	ug/kg	ND		0.96	ND		0.95	ND		0.95	-		-	-		-	-		-

Table 4
Summary of Soil Analytical Results
Comparison to USEPA Region III RBCs
U. S. Steel - Proposed Samax 14.2-Acre Parcel
Fairless Hills, Pennsylvania

	CAS No.	EPA Region III Industrial Soil RBC	Location ID	016-FB-2-103107			007-FB-1_103007			031-FB-3_110107			011-TB-1-103107			027-TB-2_103007			038-TB-3_110107		
			Sample ID	C7K010229-005			C7J310198-007			C7K020245-004			C7J310198-011			C7K010229-016			C7K020245-011		
			Sample Date	10/31/07			10/30/07			10/30/07			10/31/07			10/30/07			10/30/07		
			Depth to GW	WATER			WATER			WATER			WATER			WATER			WATER		
			Start Depth (ft)	1.00			1.00			1.00			1.00			1.00			1.00		
			End Depth (ft)	ug/L			ug/L			ug/L			ug/L			ug/L			ug/L		
PCB (ug/kg)			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Aroclor 1016	12674-11-2	40880	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1221	11104-28-2	1430.8	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1232	11141-16-5	1430.8	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1242	53469-21-9	1430.8	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1248	12672-29-6	1430.8	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1254	11097-69-1	1430.8	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
Aroclor 1260	11096-82-5	1430.8	ug/kg	ND		0.95	ND		0.95	ND		0.95	-		-	-		-	-		-
PP Metals (mg/kg)			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Antimony	7440-36-0	408.8	mg/kg	ND		2	ND		2	0.23	B	2	-		-	-		-	-		-
Arsenic	7440-38-2	1.91	mg/kg	ND		1	ND		1	0.33	B J	1	-		-	-		-	-		-
Beryllium	7440-41-7	2044	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Cadmium	7440-43-9	511	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Chromium	7440-47-3	NS	mg/kg	1.6	B J	2	1.4	B J	2	1.6	J	2	-		-	-		-	-		-
Copper	7440-50-8	40880	mg/kg	ND		2	0.17	B	2	2.8	B	2	-		-	-		-	-		-
Lead	7439-92-1	NS	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Mercury	7439-97-6	NS	mg/kg	ND		0.2	ND		0.2	ND		0.2	-		-	-		-	-		-
Nickel	7440-02-0	20440	mg/kg	ND		1	ND		1	0.073	B	1	-		-	-		-	-		-
Selenium	7782-49-2	5110	mg/kg	ND		5	ND		5	ND		5	-		-	-		-	-		-
Silver	7440-22-4	5110	mg/kg	ND		1	ND		1	ND		1	-		-	-		-	-		-
Thallium	7440-28-0	71.54	mg/kg	0.21	B	1	0.048	B	1	0.089	B	1	-		-	-		-	-		-
Zinc	7440-66-6	306600	mg/kg	ND		5	0.93	B	5	1.1	J	5	-		-	-		-	-		-
General Chemistry			**Units**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**	**Result**	**Q**	**RL**
Percent Solids	none	NS	percent	NA		NA	NA		NA	NA		NA	-		-	-		-	-		-

Laboratory Qualifiers:

Organic Qualifiers:

B = Analyte was detected in the method blank.
J = Estimated Result. Result is less than RL

Inorganic Qualifiers:

B = Analyte was detected in the method blank.
J = Estimated Result. Result is less than RL

Notes:

PADEP = Pensylvania Department of Environmental Protection
MSC = PADEP's Medium Specific Concentration for surface and subsurface soil.
RL = Reporting Limit.
NS = No Act 2 Remediation Standard
NA = Not Analyzed or Not Applicable.
ND = Not Detatected at concentrations above the laboratory reporting limit.
ug/kg = microgram per kilogram.
mg/kg = milligram per kilogram.
9421 = Result or reporting limit exceeds the EPA Region III Industrial Soil RBC

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