



## **Appendices**

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### Dataset Files

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### Criteria Tables

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Table B2.pdf	OR Bioaccumulation Screening Levels
Table B3.pdf	Maryland soil and groundwater standards
Table B4.pdf	NJDEP Ecological Screening Criteria

### Data Files Used to Create Maps

*(Use the “zoom” function in your pdf viewer to enhance visualization of the files)*

File	Contaminants	Screening Criteria
Table C1.pdf	Metals	Independent Technical Review Team Screening
Table C2.pdf	PAHs	Independent Technical Review Team Screening
Table C3.pdf	Pesticides	Independent Technical Review Team Screening
Table C4.pdf	VOCs	Independent Technical Review Team Screening
Table C5.pdf	sVOCs	Independent Technical Review Team Screening
Table C6.pdf	PCBs	OR Bioaccumulation
Table C7.pdf	PCDDs	OR Bioaccumulation
Table C8.pdf	Combined Metals and Organics	Independent Technical Review Team Screening

*Tables C1-C5 & C8 are color-coded following the scheme detailed in the text applying the Independent Technical Review Team Screening Criteria to assess sediment quality at each site.*

See next page for abbreviations used to designate studies.

**Abbreviations for Studies Used for Mapping**

<b>Abbreviation</b>	<b>Dataset Utilized</b>
FED 98 FED 02 FED 05	US Army Corps of Engineers Federal Channel Testing: 1998 (metals), 2002 and 2005 (organics)
HMI	Final White Paper – Development of Potential Closure Options – North Cell HMI DMCF: Appendix A Comprehensive Report: South Cell Soil and Vegetation Survey for the HMI DMCF: 2005 (metals)
HMI	HMI DMCF Bulk Sediment: 1984-present (metals)
COX CREEK	Cox Creek DMCF South Cell Soil Sampling - (Post-Placement): 1999, 2005, 2007 (metals)
COX CREEK	Cox Creek Dredged Material Containment Facility Exterior Monitoring Study: Baseline 2006. (EA Engineering, Science, and Technology, Inc. 2007b) (metals and organics)
MASONVILLE	Masonville and Masonville Cove Exterior Monitoring Study: Baseline 2006 (EA Engineering, Science, and Technology Inc. 2007c) (metals)
MASONVILLE	Tiered Final Environmental Impact Statement for the Proposed (Masonville) Dredged Material Containment Facility: 2005 (metals and organics)
SEAGIRT	Seagirt Dredging Area Proposed Borrow Material Sediment and Water Quality Report (EA Engineering, Science, and Technology, Inc. 2007d) (metals and organics)
VARIOUS SITES*	Sample and Testing for Dredged Materials: Baltimore Harbor, Baltimore, Maryland (Law Engineering and Environmental Services, Inc. 1996) (metals)
NEW WORK	Proposed New Work Dredging Baltimore Harbor and Channels, Maryland and Virginia. Straightening of the Tolchester Channel S-turn, Maryland: Draft Environmental Assessment and Draft Finding of No Significant Impact. (Department of the Army, Baltimore District, Corps of Engineers 2000) (organics)
SPARROWS POINT	Final Report Sparrows Point Confirmatory Sampling (Dredged Material Characterization) Sparrows Point Shipyard, Baltimore Harbor, Maryland: October 2006 (metals)
BALT CONT	Spatial Mapping of Contaminants in the Baltimore Harbor/Patapsco River/Back River System (Baker et al. 1997) (metals and organics)
BALT CONT	Hydrophobic Organic Contaminants in Surficial Sediments of Baltimore Harbor: Inventories and Sources (Ashley and Baker 1999) (organics)

\* A limited number of sites from this study (Dundalk, Seagirt, S. Locust Point, N. Locust Point) were mapped but are not listed separately on the data tables.

Table A1. Datasets included and excluded.

<b>SEDIMENT AND BENTHIC SAMPLING DATA FOR METAL AND ORGANIC CONTAMINANTS</b>						
<b>Data Set or Report</b>		<b>Dates of sampling</b>	<b>METALS Included/ Excluded</b>	<b>METALS Justification</b>	<b>ORGANICS Included/ Excluded</b>	<b>ORGANICS Justification</b>
1	US Army Corps of Engineers Federal Channel Testing	1995	E	Old techniques, not useful.	E	Unknown if data is on a dry or wet weight basis so unable to compare to soil quality criteria.
	Excel Spreadsheet Provided by MES	1998	I	Appropriate analytical methods.	E	Unknown if data is on a dry or wet weight basis so unable to compare to soil quality criteria.
	(EA Engineering, Science, and Technology, Inc. 2006)	2002	I	Appropriate analytical methods.	I	Includes recent data: PAH, some PCB congeners, most pesticides, VOCs, some dioxin/furan data from throughout harbor.
	(EA Engineering, Science, and Technology, Inc. 2007a)	2005	I	Appropriate analytical methods.	I	Includes recent data: PAH, some PCB congeners, most pesticides, VOCs, some dioxin/furan data from throughout harbor.
2	Hart Miller Island Dredged Material Containment Facility (HMI DMCF) - North Cell Sediment Sampling (Post-Placement) (Lab Reports and Excel Spreadsheets Provided by MES)	2002-2006	E	Total digests.	E	Most data as non-detectable.

3	Final White Paper - Development of Potential Closure Options – North Cell HMI DCMF: Appendix A Comprehensive Report: South Cell Soil and Vegetation Survey for the HMI DCMF (Lab Report and Appendix Provided by MES)	2005	I	Appropriate analytical methods.	E	Most PAH data below the detection limit; unknown if data are on a wet or dry weight basis, so unable to compare to soil quality criteria.
4	HMI DCMF Bulk Sediment (Lab Reports and Excel Spreadsheets Provided by MES)	Various (1984 - present)	I	Appropriate analytical methods.	E	Insufficient data in usable format.
5	Cox Creek DCMF Bulk Sediment (Lab Reports and Excel Spreadsheet Provided by MES)	2005	E	Few data, no normalizing Al, Fe.	E	Data limited in spatial coverage; unknown if data are on a wet or dry weight basis, so unable to compare to soil quality criteria.
6	Cox Creek DCMF South Cell Soil Sampling - (Post-Placement) (Lab Report and Excel Spreadsheets Provided by MES)	1999, 2005, 2007	I	Partial digestion, not appropriate for comparing to standards.	E	Unknown if data are on a wet or dry weight basis, so unable to compare to soil quality criteria.

7	Cox Creek Dredged Material Containment Facility Exterior Monitoring Study: Baseline 2006. (EA Engineering, Science, and Technology, Inc. 2007b)	2006	I	Appears useful, appropriate ratios provided.	I	High quality data.
8	Masonville and Masonville Cove Exterior Monitoring Study: Baseline 2006 (EA Engineering, Science, and Technology Inc. 2007c)	2006	I	Appropriate analytical methods.	E	Unknown if data are on a wet or dry weight basis, so unable to compare to soil quality criteria.
9	Tiered Final Environmental Impact Statement for the Proposed (Masonville) Dredged Material Containment Facility (USACE 2007)	2005	E	Difficult to interpret Excel files.	I	Recent quality data for PAH, DDT, PCB congeners and dioxin/furan data. Other pesticides and VOCs below the detection limit.
10	Seagirt Dredging Area Proposed Borrow Material Sediment and Water Quality Report (EA Engineering, Science, and Technology, Inc. 2007d)	2006	I	Perhaps same information as report #9 but in better format.	I	Some OCDD and PAH data adequate, but most others below detection limit.

11	Sample and Testing for Dredged Materials: Baltimore Harbor, Baltimore, Maryland (Law Engineering and Environmental Services, Inc. 1996)	1996	I	Table 4 data useful.	E	Most organics below the detection limit.
12a	A Pilot Study for Ambient Toxicity Testing in Chesapeake Bay - Volume I Year 1 Report (Hall et al. 1991)	1990	E	Nothing useful for metals.	E	Nothing useful; data for Elizabeth, Patapsco, Wye, and Potomac River sites. Sporadic data appears to be from GC/MS scans.
12b	A Pilot Study for Ambient Toxicity Testing in Chesapeake Bay - Year 2 Report (Hall et al. 1992)	1991	E	Nothing useful for metals.	E	Nothing useful; data for Elizabeth, Patapsco, Wye, and Potomac River sites. Sporadic data appears to be from GC/MS scans.
12c	A Pilot Study for Ambient Toxicity Testing in the Chesapeake Bay - Year 3 Report (Hall et al. 1994)	1993	E	Nothing useful for metals.	E	Nothing useful; data for Elizabeth, Patapsco, Wye, and Potomac River sites. Sporadic data appears to be from GC/MS scans.

12d	A Pilot Study for Ambient Toxicity Testing in the Chesapeake Bay - Year 4 Report (University of Maryland System, Old Dominion University, Maryland Department of the Environment 1997)	1994	E	Nothing useful for metals.	E	Nothing useful; data for Elizabeth, Patapsco, Wye, and Potomac River sites. Sporadic data appears to be from GC/MS scans.
13	Ambient Toxicity Testing in the Chesapeake Bay: Year 9 - An Assessment of the Chester and Rappahannock Rivers (Hall et al. 2002)	1999	E	Only ranges reported for sediments from the site, no analytical technique description, QA/QC.	E	Nothing useful; data for Chester and Rappahannock River sites.
14	Chesapeake Bay Sediment Monitoring Project (Text files Provided by MES)	1994-95	E	No information on methodology, QA/QC.	E	No info on sampling locations, methods, sample type, etc. Very vague dataset.



15	Proposed New Work Dredging Baltimore Harbor and Channels, Maryland and Virginia. Straightening of the Tolchester Channel S-turn, Maryland: Draft Environmental Assessment and Draft Finding of No Significant Impact. (USACE 2000)	1995 & 1999	E	Perhaps to be considered in future review with unlimited resources and staffing, more data mining requiring original data sheets.	I	Some quality PAH and PCB congener data.
16	Benthic Index of Biotic Integrity Results for NOAA NS&T Chesapeake Bay Samples (Versar, Inc. 2006)	1998-1999, 2001	E	No metals data.	E	No useful organic chemical data.
17	Data collected in support of Bartletta Willis' dredging permit application (Lab Reports Provided by MES)	2004	E	Old, methodology questionable.	E	Organic contaminant data below detection limit.
18	Draft Environmental Impact Statement - Sparrows Point LNG Terminal and Pipeline Project (FERC 2008)	2006, 2007	E	Extracted metal concentrations and of no use in assessing bulk sediment metal concentrations since this is a partial leach technique.	E	Unknown if data are on a wet or dry weight basis, so therefore unable to compare with soil quality criteria.

19	Final Report Sparrows Point Confirmatory Sampling (Dredged Material Characterization) Sparrows Point Shipyard, Baltimore Harbor, Maryland (Excel Spreadsheets Provided By MES)	Oct-06	I	A few quality data.	E	Unknown if data are on a wet or dry weight basis, so therefore unable to compare with soil quality criteria.
20	Contaminants in Chesapeake Bay Sediments 1984-1991 (Eskin.et al. 1996)	1984-1991	E	Data too old to be useful.	E	Data too old to be useful.
21	CHARM data (Excel Spreadsheets Provided by MES)	1999-2000	E	Dissolved contaminants, not sediment contaminant data.	E	Dissolved contaminants, not sediment contaminant data.
22	Record of Decision, Site 1 Drydock Sediments Baltimore, Maryland (U.S Coast Guard Yard, U.S. EPA, and MDE 2007)	Jan-06	E	Data unclear, likely contamination of samples.	E	Unknown if data are on a wet or dry weight basis, so unable to compare to soil quality criteria.
23	Testing the Toxicity of Baltimore Harbor Sediments with <i>Leptocheirus plumulosus</i> (Versar, Inc. 1993)	1992	E	Toxicity data -- not applicable; no metal data to evaluate.	E	Toxicity data -- not applicable.

24	Final Technical Report -- Baltimore Harbor and Channels Aquatic Benthos Investigations (Diaz et al. 1985)	1983-1984	E	Only benthic diversity data; no metal data to evaluate.	E	Not contaminant data.
25	Baltimore Harbor and Channels Aquatic Benthos Investigations: Rappahannock Shoals Disposal Site (Diaz and Cutter 1997)	1987	E	No metals data.	E	Data not applicable.
26	Chesapeake Bay Water Quality Monitoring Program: Long-Term Benthic Monitoring and Assessment Component Level I Comprehensive Report (Versar, Inc. 2007)	July 1984- Dec. 1995	E	No metals data.	E	Data not applicable.
27	Spatial Mapping of Contaminants in the Baltimore Harbor/Patapsco River/Back River System (Baker et al. 1997)	1997	I	Useful, quality data.	I	Quality PAH, PCB, and some pesticide data presented.

28	Assessment of Sediment Toxicity in Baltimore Harbor/Patapsco River System (Fisher and McGee 1997)	1997	E	Data not applicable.	E	Data not applicable.
29	Poplar Island Environmental Restoration Project White Paper Sediment Evaluation Process, Chesapeake Bay, Maryland (EA Engineering, Science, and Technology Inc. 2007e)	1998 - 2005	E	No contaminant data.	E	Data not applicable.
30	Hydrophobic Organic Contaminants in Surficial Sediments of Baltimore Harbor: Inventories and Sources (Ashley and Baker 1999)	1996	E	No metals data.	I	Same data set as #27 above.

31	Field Validation of the Chronic Sediment Bioassay with the Estuarine Amphipod <i>Leptocheirus plumulosus</i> in Chesapeake Bay (McGee and Fisher 1999)	1997	E	Data suggest sample contamination.	E	No sampling site location.
32	Using the Sediment Quality Triad to characterize Toxic Conditions in the Chesapeake Bay (1999): An assessment of tidal river segments in the Bohemia, Magothy, Patuxent, Potomac, James and York Rivers (McGee et al. 2001)	1999	E	No metal data to evaluate.	E	Locations outside Baltimore Harbor.
33	Magnitude and Extent of Contaminated Sediment and Toxicity in Chesapeake Bay (Hartwell and Hameed 2007)	1998-2001	E	Sites not pertinent.	E	Unknown if data are on a wet or dry weight basis, so unable to compare to soil quality criteria.

34	Baltimore Harbor and Channels Aquatic Benthos Investigations at the Wolf Trap Alternate Disposal Site in the Lower Chesapeake Bay (Shaffner 1993)	1987-1991	E	Not specific to metals.	E	Unknown if data are on a wet or dry weight basis, so therefore unable to compare to soil quality criteria.
35	Using The Sediment Quality Triad to Characterize Toxic Conditions in the Chesapeake Bay (2002): An Assessment of Tidal River Segments in the Bohemia, Elk, Northeast and Severn Rivers (Pinkney et al. 2005)	2002	E	Data not applicable.	E	Data not applicable.
36	Summary of Available Guidance and Best Practices for Determining Suitability of Dredged Material for Beneficial Uses	N/A	E	Guidance document only.	E	Data not applicable.

37	Contaminated Sediments Management Strategy for the Baltimore Harbor	Summary Rpt. - No orig. data.	E	No metal data to evaluate.	E	Data not applicable.
38	Toxics Regional Action Plan for Baltimore Harbor	Various	E	No metal data to evaluate.	E	Data not applicable.
39	Distribution of Metals in Baltimore Harbor Sediments (Villa and Johnson 1974)	1973	E	Data too old to be reliable or relevant to present conditions.	E	Only metals data so data not applicable.
40	Permit Application for Slag Filling at the Bethlehem Steel Sparrows Point Plant, Baltimore County, Maryland, Final Environmental Impact Statement. (U.S. Army Engineer District, Baltimore, Maryland 1979)	1973	E	Data too old to be reliable or relevant to present conditions.	E	Data not applicable.
41	Trace Elements in the Sediments of the Baltimore Harbor and Elizabeth River (Sinex et al. 1981)	1981	E	Data too old to be reliable or relevant to present conditions.	E	Only metals data so data not applicable.

42	Metals in the Baltimore Harbor and Upper Chesapeake Bay and Their Accumulation By Oysters (Chesapeake Bay Institute and Chesapeake Biological Laboratory 1974)	1970	E	Data too old to be reliable or relevant to present conditions.	E	Only metals data so data not applicable.
43	Description of Current Conditions (Rust Environment & Infrastructure 1998)	various, 1990-1994	E	Data not applicable.	E	Data not applicable.
44	Chronic Toxicity of Sediments from the Inner Harbor and Bear Creek to <i>Leptocheirus plumulosus</i> (Fisher et al. 2004)	2003	E	Data not applicable.	E	Data not applicable.
45	Chemical and Physical Analysis from the Sparrows Point Marine Channel (EA Engineering, Science, and Technology, Inc. 1987)	1987	E	Too few samples.	E	Old data on a wet weight basis preventing comparison to soil quality criteria.



46	Chemical and Physical Analysis of Sediments from the Marine Channel and Associated Berths and Turning Basin -- A Data Report (EA Engineering, Science, and Technology, Inc. 1985)	1984	E	Too few samples.	E	Old data on a wet weight basis preventing comparison to soil quality criteria.
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Table B3. Maryland soil and groundwater standards.

	Maryland Soil Standards			Groundwater Standards	
	Res Clean-up mg/kg	Non-Res Clean-up mg/kg	Protection of Groundwater mg/kg	Type I & II ug/l	Aquifers mg/l
<b>VOC</b>					
Acetone	7.00E+03	9.20E+04	2.20E+01	5.50E+02	5.50E-01
Benzene	1.20E+01	5.20E+01	1.90E-03	5.00E+00	5.00E-03
Bromodichloromethane(THM)b	1.00E+01	4.60E+01	1.10E-03	8.00E+01	8.00E-02
Bromoform(THM)b	8.10E+01	3.60E+02	6.70E-02	8.00E+01	8.00E-02
Bromomethane	1.10E+01	1.40E+02	4.10E-02	8.50E-01	8.50E-04
2-Butanone(MethylEthylKetone)	4.70E+03	6.10E+04	2.90E+01	7.00E+02	7.00E-01
CarbonDisulfide	7.80E+02	1.00E+04	1.90E+01	1.00E+02	1.00E-01
CarbonTetrachloride	4.90E+00	2.20E+01	2.10E-03	5.00E+00	5.00E-03
Chlorobenzene	1.60E+02	2.00E+03	6.80E-01	1.00E+02	1.00E-01
Chloroethane	2.20E+02	9.90E+02	1.90E-02	3.60E+00	3.60E-03
Chloroform(THM)b	7.80E+01	1.00E+03	9.10E-04	8.00E+01	8.00E-02
Chloromethane	--	--	9.30E-01	1.90E+01	1.90E-02
Dibromochloromethane(THM)b	7.60E+00	3.40E+01	8.30E-04	8.00E+01	8.00E-02
Dibromochloropropane(DBCP)f	2.00E-01	3.60E+00	3.70E-06	2.00E-01	2.00E-04
1,2-Dibromoethane(EthyleneDibromide,EDB)	3.20E-01	1.40E+00	6.00E-05	5.00E-02	5.00E-05
1,1-Dichloroethane	1.60E+03	2.00E+04	5.10E+00	9.00E+01	9.00E-02
1,2-Dichloroethane	7.00E+00	3.10E+01	1.00E-03	5.00E+00	5.00E-03
1,1-Dichloroethene	3.90E+02	5.10E+03	2.90E+00	7.00E+00	7.00E-03
cis-1,2-Dichloroethene	7.80E+01	1.00E+03	--	7.00E+01	7.00E-02
trans-1,2-Dichloroethene	1.60E+02	2.00E+03	7.20E-01	1.00E+02	1.00E-01
1,2-Dichloroethene(total)	7.00E+01	9.20E+02	3.70E-01	5.50E+00	5.50E-03
1,2-Dichloropropane	9.40E+00	4.20E+01	3.40E-03	5.00E+00	5.00E-03
cis-1,3-Dichloropropene	6.40E+00	2.90E+01	3.10E-03	4.40E-01	4.40E-04
trans-1,3-Dichloropropene	6.40E+00	2.90E+01	3.10E-03	4.40E-01	4.40E-04
Ethylbenzene	7.80E+02	1.00E+04	1.50E+01	7.00E+02	7.00E-01
Isopropylbenzene(Cumene)	7.80E+02	1.00E+04	6.40E+01	6.60E+01	6.60E-02
4-Methyl-2-pentanone(MethylIsobutylKetone)	--	--	5.90E+01	6.30E+02	6.30E-01
MethyleneChloride(Dichloromethane)	8.50E+01	3.80E+02	1.90E-02	5.00E+00	5.00E-03
Methyltert-butylether(MTBE)c	1.60E+02	7.20E+02	1.20E-02	2.00E+01	2.00E-02
Styrene	1.60E+03	2.00E+04	5.70E+01	1.00E+02	1.00E-01
Tetrachloroethene	1.20E+00	5.30E+00	4.70E-03	5.00E+00	5.00E-03
1,1,2,2-Tetrachloroethane	3.20E+00	1.40E+01	6.80E-04	5.30E-02	5.30E-05
Toluene	6.30E+02	8.20E+03	2.70E+01	1.00E+03	1.00E+00
1,1,1-Trichloroethane	1.60E+04	2.00E+05	3.20E+01	2.00E+02	2.00E-01
1,1,2-Trichloroethane	1.10E+01	5.00E+01	7.80E-04	5.00E+00	5.00E-03
Trichloroethene	1.60E+00	7.20E+00	2.60E-04	5.00E+00	5.00E-03
VinylChloride(earlylife)f	9.00E-02	--	1.20E-04	2.00E+00	2.00E-03
VinylChloride(adult)f	--	4.00E+00	1.20E-04	2.00E+00	2.00E-03
Xylenes	1.60E+03	2.00E+04	3.00E+00	1.00E+04	1.00E+01
<b>SVOC</b>					
Acenaphthene	4.70E+02	6.10E+03	1.00E+02	3.70E+01	3.70E-02

Acenaphthylene	4.70E+02	6.10E+03	1.00E+02	3.70E+01	3.70E-02
Anthracene	2.30E+03	3.10E+04	4.70E+02	1.80E+02	1.80E-01
Benz[a]anthracenef	2.20E-01	3.90E+00	4.80E-01	2.00E-01	2.00E-04
Benzo[a]pyrenef	2.20E-02	3.90E-01	1.20E-01	2.00E-01	2.00E-04
Benzo[b]fluoranthenef	2.20E-01	3.90E+00	1.50E+00	2.00E-01	2.00E-04
Benzo[g,h,i]perylene	2.30E+02	3.10E+03	6.80E+02	1.80E+01	1.80E-02
Benzo[k]fluoranthenef	2.20E+00	3.90E+01	1.50E+01	3.00E-01	3.00E-04
bis(2-Chloroethyl)ether	5.80E-01	2.60E+00	4.40E-05	9.60E-03	9.60E-06
bis(2-Ethylhexyl)phthalate	4.60E+01	2.00E+02	2.90E+03	6.00E+00	6.00E-03
Carbazole	3.20E+01	1.40E+02	4.70E-01	3.30E+00	3.30E-03
4-Chloroaniline	3.10E+01	4.10E+02	9.70E-01	1.50E+01	1.50E-02
2-Chloronaphthalene	6.30E+02	8.20E+03	3.20E+01	4.90E+01	4.90E-02
2-Chlorophenol	3.90E+01	5.10E+02 --		3.00E+00	3.00E-03
Chrysenef	2.20E+01	3.90E+02	4.80E+01	3.00E+00	3.00E-03
Dibenz[a,h]anthracenef	2.20E-02	3.90E-01	4.60E-01	2.00E-01	2.00E-04
Dibenzofuran	7.80E+00	1.00E+02 --		3.70E+00	3.70E-03
Di(2-ethylhexyl)adipate	5.30E+01	2.40E+02 --		4.00E+02	4.00E-01
1,2-Dichlorobenzene	7.00E+02	9.20E+03	4.60E+00	6.00E+02	6.00E-01
1,3-Dichlorobenzene	2.30E+01	3.10E+02	2.90E-01	1.80E+00	1.80E-03
1,4-Dichlorobenzene	2.70E+01	1.20E+02	4.20E-03	7.50E+01	7.50E-02
3,3-Dichlorobenzidine	1.40E+00	6.40E+00	4.90E-03	1.50E-01	1.50E-04
2,4-Dichlorophenol	2.30E+01	3.10E+02	1.20E+00	1.10E+01	1.10E-02
Diethylphthalate	6.30E+03	8.20E+04	4.50E+02	2.90E+03	2.90E+00
2,4-Dimethylphenol	1.60E+02	2.00E+03	6.70E+00	7.30E+01	7.30E-02
Di-n-butylphthalate	7.80E+02	1.00E+04	5.00E+03	3.70E+02	3.70E-01
2,4-Dinitrophenol	1.60E+01	2.00E+02 --		7.30E+00	7.30E-03
2,4-Dinitrotoluene	1.60E+01	2.00E+02	5.70E-01	7.30E+00	7.30E-03
2,6-Dinitrotoluene	7.80E+00	1.00E+02	2.50E-01	3.70E+00	3.70E-03
Fluoranthene	3.10E+02	4.10E+03	6.30E+03	1.50E+02	1.50E-01
Fluorene	3.10E+02	4.10E+03	1.40E+02	2.40E+01	2.40E-02
Hexachlorobenzene	4.00E-01	1.80E+00	5.20E-02	1.00E+00	1.00E-03
Hexachlorobutadiene	8.20E+00	3.70E+01	1.80E+00	8.60E-01	8.60E-04
Hexachlorocyclopentadiene	4.70E+01	6.10E+02	1.80E+03	5.00E+01	5.00E-02
Hexachloroethane	4.60E+01	2.00E+02	3.60E-01	4.80E+00	4.80E-03
Indeno[1,2,3-c,d]pyrenef	2.20E-01	3.90E+00	4.20E+00	2.00E-01	2.00E-04
Isophorone	6.70E+02	3.00E+03	4.10E-01	7.00E+01	7.00E-02
2-Methylnaphthalene	3.10E+01	4.10E+02	4.40E+00	2.40E+00	2.40E-03
2-Methylphenol	3.90E+02	5.10E+03 --		1.80E+02	1.80E-01
4-Methylphenol	3.90E+01	5.10E+02 --		1.80E+01	1.80E-02
Naphthalene	1.60E+02	2.00E+03	1.50E-01	6.50E-01	6.50E-04
Nitrobenzene	3.90E+00	5.10E+01	2.30E-02	3.50E-01	3.50E-04
N-Nitrosodiphenylamine	1.30E+02	5.80E+02	7.60E-01	1.40E+01	1.40E-02
N-Nitroso-di-n-propylamine	9.10E-02	4.10E-01	4.70E-05	9.60E-03	9.60E-06
Bis(2-Chloroisopropyl)ether	9.10E+00	4.10E+01	1.70E-03	2.60E-01	2.60E-04
Pentachlorophenol	5.30E+00	2.40E+01 --		1.00E+00	1.00E-03

Phenanthrene	2.30E+03	3.10E+04	4.70E+02	1.80E+02	1.80E-01
Phenol	2.30E+03	3.10E+04	6.70E+01	1.10E+03	1.10E+00
Pyrene	2.30E+02	3.10E+03	6.80E+02	1.80E+01	1.80E-02
1,2,4-Trichlorobenzene	7.80E+01	1.00E+03	2.40E+00	7.00E+01	7.00E-02
2,4,5-Trichlorophenol	7.80E+02	1.00E+04 --		3.70E+02	3.70E-01
2,4,6-Trichlorophenol	5.80E+01	2.60E+02 --		6.10E+00	6.10E-03
<b>Pesticides/Herbicides/PCBs</b>					
Alachlor	8	36	0.007	2	0.002
Aldrin	0.038	0.17	0.0077	0.0039	0.0000039
Atrazine	2.9	13	0.0088	3	0.003
a-BHC(a-HCH)	0.1	0.45	0.00089	0.011	0.000011
b-BHC(b-HCH)	0.35	1.6	0.0031	0.037	0.000037
d-BHC	0.49	2.2	0.0043	0.2	0.0002
g-BHC(Lindane)	0.49	2.2	0.0043	0.2	0.0002
Chlordane	1.8	8.2	0.92	2	0.002
2,4-D	78	1000	9	70	0.07
4,4'-DDD	2.7	12	11	0.28	0.00028
4,4'-DDE	1.9	8.4	35	0.2	0.0002
4,4'-DDT	1.9	8.4	1.2	0.2	0.0002
Dalapon	230	3100	7.1	200	0.2
Dieldrin	0.04	0.18	0.0022	0.0042	0.0000042
Dinoseb	7.8	100	0.17	7	0.007
Endosulfan	47	610	20	22	0.022
EndosulfanI	47	610	20	22	0.022
EndosulfanII	47	610	20	22	0.022
EndosulfanSulfate	47	610	20	22	0.022
Endrin	2.3	31	5.4	2	0.002
EndrinAldehyde	2.30E+00	3.10E+01	5.40E+00	1.10E+00	1.10E-03
EndrinKetone	2.30E+00	3.10E+01	5.40E+00	1.10E+00	1.10E-03
Glyphosate	7.80E+02	1.00E+04	5.30E+02	7.00E+02	7.00E-01
Heptachlor	1.40E-01	6.40E-01	8.40E-01	4.00E-01	4.00E-04
HeptachlorEpoxide	7.00E-02	3.10E-01	2.50E-02	2.00E-01	2.00E-04
Methoxychlor	3.90E+01	5.10E+02	3.10E+02	4.00E+01	4.00E-02
Oxamyl	2.00E+02	2.60E+03	3.80E+00	2.00E+02	2.00E-01
Simazine	5.30E+00	2.40E+01	3.30E-03	4.00E+00	4.00E-03
2,4,5-TP(Silvex)	7.80E+01	1.00E+03	2.00E+00	5.00E+01	5.00E-02
Toxaphene	5.80E-01	2.60E+00	6.30E-01	c	3.00E-03
PCB(total)	3.20E-01	1.40E+00	4.10E-01	5.00E-01	5.00E-04
Aroclor1016	5.50E-01	4.10E+01	4.20E+00	9.60E-01	9.60E-04
Aroclor1221	3.20E-01	1.40E+00 --		5.00E-01	5.00E-04
Aroclor1232	3.20E-01	1.40E+00 --		5.00E-01	5.00E-04
Aroclor1242	3.20E-01	1.40E+00 --		5.00E-01	5.00E-04
Aroclor1248	3.20E-01	1.40E+00 --		5.00E-01	5.00E-04
Aroclor1254	3.20E-01	1.40E+00	1.10E+00	5.00E-01	5.00E-04
Aroclor1260	3.20E-01	1.40E+00 --		5.00E-01	5.00E-04

**Inorganics**

Aluminum	7.80E+03	1.00E+05 --		3.70E+03	3.70E+00
Antimony	3.10E+00	4.10E+01	1.30E+01	6.00E+00	6.00E-03
Arsenic	4.30E-01	1.90E+00	2.60E-02	1.00E+01	1.00E-02
Barium	1.60E+03	2.00E+04	6.00E+03	2.00E+03	2.00E+00
Beryllium	1.60E+01	2.00E+02	1.20E+03	4.00E+00	4.00E-03
Cadmium	3.90E+00	5.10E+01	2.70E+01	5.00E+00	5.00E-03
Chromium(total)	2.30E+01	3.10E+02	4.20E+01	1.00E+02	1.00E-01
ChromiumIII	1.20E+04	1.50E+05	2.00E+09	1.00E+02	1.00E-01
ChromiumVI	2.30E+01	3.10E+02	4.20E+01	1.00E+02	1.00E-01
Copper	3.10E+02	4.10E+03	1.10E+04	1.30E+03	1.30E+00
Iron	5.50E+03	7.20E+04 --		2.60E+03	2.60E+00
Lead	4.00E+02	1.00E+03 --		1.50E+01	1.50E-02
Manganese(nonfood)	1.60E+02	2.00E+03	9.50E+02	7.30E+01	7.30E-02
Mercury(element)e	--	--	--	2.00E+00	2.00E-03
Mercury(inorganic/MercuricDichloride)	2.30E+00	3.10E+01 --		2.00E+00	2.00E-03
Nickel	1.60E+02	2.00E+03 --		7.30E+01	7.30E-02
Selenium	3.90E+01	5.10E+02	1.90E+01	50	5.00E-02
Silver	3.90E+01	5.10E+02	3.10E+01	18	1.80E-02
Thallium	5.50E-01	7.20E+00	3.60E+00	2.00E+00	2.00E-03
Tin	4.70E+03	6.10E+04 --		2.20E+03	2.20E+00
Vanadium	7.80E+00	1.00E+02	7.30E+02	3.70E+00	3.70E-03
Zinc	2.30E+03	3.10E+04	1.40E+04	1.10E+03	1.10E+00
Perchlorate	5.50E+00	7.20E+01 --		2.60E+00	2.60E-03
Cyanide	1.60E+02	2.00E+03	1.50E+02	2.00E+02	2.00E-01
Methylmercury	7.80E-01	1.00E+01 --		3.70E-01	3.70E-04

Table B4.

**NJDEP Ecological Screening Criteria**

(f)3 Freshwater aquatic criteria for cadmium, chromium III, copper, nickel, silver, and zinc are expressed as a function of water hardness. Criteria can be calculated at any hardness using these equations as listed below. Criteria thus calculated are multiplied by appropriate conversion factor (CF) to convert total recoverable metal into dissolved metal and by the default Water Effect Ratio (WER) of 1.0.

General formula:  $WER [e^{(V(\ln(\text{hardness})) + \ln A - V(\ln Z))}] CF$

where:

V = pooled slope

A = FAV at given hardness

Z = selected value of hardness

Cadmium:

Acute dissolved criterion       $WER [e^{(1.0166 (\ln [\text{hardness}]) - 3.924)}]$  0.651

Chronic dissolved criterion       $WER [e^{(0.7409 (\ln [\text{hardness}]) - 4.719)}]$  0.651

Chromium III:

Acute dissolved criterion       $WER [e^{(0.819 (\ln [\text{hardness}]) + 3.7256)}]$  0.277

Chronic dissolved criterion       $WER [e^{(0.819 (\ln [\text{hardness}]) + 0.6848)}]$  0.277

Copper:

Acute dissolved criterion       $WER [e^{(0.9422 (\ln [\text{hardness}]) - 1.7)}]$  0.908

Chronic dissolved criterion       $WER [e^{(0.8545 (\ln [\text{hardness}]) - 1.702)}]$  0.908

Nickel:

Acute dissolved criterion       $WER [e^{(0.846 (\ln [\text{hardness}]) + 2.255)}]$  0.846

Chronic dissolved criterion       $WER [e^{(0.846 (\ln [\text{hardness}]) + 0.0584)}]$  0.846

Silver:

Acute dissolved criterion       $WER [e^{(1.72 (\ln [\text{hardness}]) - 6.59)}]$  0.85

Zinc:

Acute or dissolved criterion       $WER [e^{(0.8473 (\ln [\text{hardness}]) + 0.884)}]$  0.950

Chronic dissolved criterion       $WER [e^{(0.8473 (\ln [\text{hardness}]) + 0.884)}]$  0.950

(f)4 Freshwater criteria for pentachlorophenol are expressed as a function of pH. Criteria are derived in accordance with the formula set forth below:

Acute criterion =  $e^{(1.005[\text{pH}] - 4.869)}$

Chronic criterion =  $e^{(1.005[\text{pH}] - 5.134)}$



Soil Standards:	Aluminum	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Zinc
Habitat Reconstruction (TELs)		1.0	7.2		0.7	52.0	18.7		30.0		0.1	15.9		0.7		0.048	124.0
MD Residential Clean-up	70000.0	3.1	20.0	16.0	3.6	70.0	310.0	40000.0	400.0	1000.0	2.3	160.0	39.0	39.0	0.6	4700.0	2300.0
MD Non-Residential Clean-up	100000.0	41.0	20.0	200.0	51.0	310.0	4100.0	72000.0	1000.0	2000.0	31.0	2000.0	510.0	510.0	7.2	61000.0	31000.0

Station	Assessment	Aluminum	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Zinc
Northing																		
Easting																		
Sample																		
Study																		
FED98		15400.0	1.2	16.4	1.5	0.3	73.1	54.2	40000.0	75.0	5240.0	0.3	46.7	1.5	0.4	0.2	325.0	
FED98		20700.0	2.1	21.1	1.6	0.6	105.0	61.3	46800.0	87.8	8490.0	0.4	48.8	2.3	1.0	0.1	343.0	
FED98		17200.0	2.1	19.1	1.6	0.3	101.0	68.0	47400.0	90.2	4980.0	0.4	50.5	1.3	0.4	0.1	371.0	
FED98		14200.0	1.7	15.8	1.1	0.3	89.9	51.8	34900.0	64.7	3720.0	0.2	35.1	1.1	0.4	0.2	257.0	
FED98		17400.0	1.2	10.4	1.6	0.3	60.7	49.4	39500.0	61.7	2680.0	0.3	51.8	0.8	0.2	0.2	273.0	
FED98		21000.0	2.7	18.3	1.3	0.1	116.0	78.5	48500.0	77.0	1060.0	0.4	34.8	1.2	0.6	0.1	279.0	
FED98		26500.0	4.2	34.2	1.7	0.1	177.0	149.0	64800.0	129.0	1060.0	0.6	49.0	1.6	0.4	0.2	401.0	
FED98		21900.0	6.8	62.4	1.7	1.5	230.0	384.0	100000.0	370.0	750.0	1.4	63.0	2.9	0.1	0.5	669.0	
FED98		24100.0	6.8	38.7	1.4	1.5	296.0	286.0	64300.0	172.0	792.0	0.8	40.2	5.4	1.1	0.2	459.0	
FED98		18300.0	3.3	19.5	1.8	0.6	147.0	160.0	45000.0	118.0	1110.0	0.5	47.8	1.4	0.1	0.1	340.0	
FED98		8540.0	1.6	7.2	0.8	0.1	66.8	62.7	24200.0	46.4	618.0	0.2	25.4	0.5	0.1	0.1	184.0	
FED98		14700.0	1.1	10.6	1.0	0.1	51.1	35.9	34600.0	34.0	998.0	0.1	28.6	0.7	0.1	0.1	126.0	
FED98		20100.0	4.0	22.7	1.7	0.1	156.0	120.0	53600.0	104.0	1060.0	0.4	49.0	1.5	0.4	0.2	383.0	
FED98		17500.0	2.6	21.8	1.4	0.2	134.0	95.4	49500.0	87.1	1520.0	0.4	37.5	2.0	0.1	0.2	290.0	
FED98		13400.0	3.4	21.1	1.4	0.5	158.0	125.0	44500.0	107.0	1510.0	0.4	37.3	1.9	0.2	0.2	361.0	
FED98		15600.0	3.3	19.5	1.5	0.4	142.0	113.0	48200.0	99.1	1180.0	0.4	40.3	1.9	0.2	0.2	344.0	
FED98		16400.0	4.1	34.4	1.6	0.6	200.0	190.0	56200.0	153.0	1170.0	0.6	51.3	3.7	0.1	0.4	523.0	
FED98		9750.0	9.0	56.2	1.2	3.7	649.0	763.0	43100.0	375.0	798.0	1.4	40.1	24.0	2.9	0.5	524.0	
FED98		14100.0	3.1	20.9	1.5	0.5	144.0	165.0	41200.0	121.0	1090.0	0.5	40.0	3.6	0.5	0.2	319.0	
FED98		2850.0	1.5	11.9	0.8	0.1	65.4	50.7	26200.0	21.0	239.0	0.1	10.9	0.6	0.1	0.1	65.6	
FED98		4050.0	3.1	9.0	0.4	0.7	179.0	113.0	13100.0	73.8	273.0	0.4	13.6	2.5	0.5	0.1	148.0	
FED02		0.8	17.8	0.8	1.0	78.0	52.8	72.9	0.3	44.8	1.4	0.9	2.0	16.8	316.0			
FED02		0.7	16.9	0.7	0.4	69.5	45.4	69.1	0.3	42.8	2.9	0.9	2.0	15.3	304.0			
FED02		0.6	15.9	0.6	0.5	68.1	49.7	62.8	0.2	46.0	1.5	0.7	2.9	13.6	290.0			
FED02		0.8	17.2	0.8	0.5	93.6	55.6	77.3	0.3	39.3	1.8	0.8	2.9	19.2	319.0			
FED02		0.7	18.4	0.7	0.2	99.7	58.8	77.0	0.3	36.6	1.6	0.9	2.9	21.4	313.0			
FED02		0.8	20.1	0.4	0.4	120.0	70.6	89.7	0.4	42.5	2.1	0.9	3.5	27.0	368.0			
FED02		0.7	20.4	0.2	0.2	107.0	63.6	83.7	0.3	40.0	2.4	1.0	3.6	21.7	340.0			
FED02		0.8	19.6	0.3	0.3	98.9	61.7	81.5	0.3	40.3	2.1	1.0	1.9	20.9	338.0			
FED02		0.9	31.0	1.0	1.0	149.0	105.0	107.0	0.6	39.2	4.2	0.7	1.7	25.7	352.0			
FED02		0.7	17.4	0.4	0.4	104.0	57.8	70.2	0.3	30.3	2.3	0.8	1.7	17.9	268.0			
FED02		1.2	32.8	0.7	0.7	180.0	125.0	121.0	0.5	41.3	3.6	0.8	3.2	28.0	392.0			
FED02		0.6	26.2	0.5	0.5	73.9	73.6	62.7	0.4	23.9	2.9	0.1	1.9	11.8	179.0			
FED02		1.3	54.1	1.4	1.4	165.0	285.0	218.0	0.9	42.1	5.3	0.2	4.2	37.1	511.0			
FED02		1.3	63.9	1.6	1.6	182.0	237.0	220.0	0.9	39.2	4.9	0.2	4.2	42.9	486.0			
FED02		1.2	67.5	0.1	0.1	195.0	268.0	225.0	1.1	42.6	5.2	0.1	4.7	39.8	508.0			
FED02		1.3	47.7	1.2	1.2	153.0	304.0	219.0	0.9	41.2	3.9	0.3	4.2	35.4	507.0			
FED02		1.0	37.7	1.2	1.2	94.1	303.0	161.0	0.7	31.9	3.9	0.3	2.8	21.3	468.0			
FED02		0.9	17.2	1.0	1.0	119.0	120.0	92.4	0.4	35.3	3.0	0.7	2.4	19.1	300.0			
FED02		0.9	18.6	1.1	1.1	132.0	130.0	101.0	0.4	41.1	3.8	0.8	1.9	20.8	338.0			
FED02		0.8	18.4	1.0	1.0	112.0	132.0	95.6	0.4	33.4	2.9	0.8	3.8	17.2	295.0			
FED02		0.7	16.9	0.6	0.6	97.4	63.0	61.3	0.3	30.5	2.3	0.6	2.5	16.8	239.0			
FED02		0.5	20.4	0.8	0.8	108.0	56.9	64.5	0.2	32.2	3.3	0.5	1.9	17.2	247.0			
FED02		0.8	23.0	1.4	1.4	151.0	98.5	101.0	0.4	40.9	3.8	0.9	1.9	25.4	370.0			
FED02		0.7	20.9	1.1	1.1	125.0	81.6	82.8	0.3	34.1	3.5	0.7	1.2	22.2	307.0			
FED02		0.8	19.4	1.4	1.4	160.0	115.0	97.6	0.4	39.4	3.1	0.9	3.5	21.6	362.0			
FED02		0.9	20.7	1.7	1.7	176.0	138.0	111.0	0.4	39.3	2.9	1.0	1.8	24.9	407.0			
FED02		0.9	22.8	1.6	1.6	181.0	129.0	108.0	0.4	43.6	4.2	0.9	3.1	24.1	407.0			
FED02		1.6	29.3	1.6	1.6	215.0	292.0	172.0	0.6	41.4	28.4	4.9	4.0	25.5	392.0			
FED02		1.1	19.0	1.1	1.1	128.0	123.0	97.2	0.4	33.2	2.7	0.9	2.4	20.4	326.0			
FED02		0.9	18.8	1.1	1.1	143.0	147.0	111.0	0.6	35.0	4.7	1.1	2.8	21.3	332.0			
FED02		3.2	57.0	0.1	0.1	412.0	730.0	344.0	1.2	51.3	93.5	18.1	2.8	28.6	516.0			
FED02		0.9	17.3	1.5	1.5	209.0	194.0	126.0	0.4	45.1	6.1	1.6	2.1	16.9	324.0			
FED02		0.7	5.5	0.3	0.3	68.3	43.0	21.7	0.2	40.0	2.0	0.1	1.5	7.5	99.4			
FED02		1.0	21.9	2.2	2.2	346.0	269.0	196.0	0.9	41.2	5.8	1.8	1.5	19.8	457.0			

Table C2. PAHs.

		Soil Standards:																Station			
Habitat Reconstruction (TELS)		2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO[ANTHRA]CENE	BENZO[A]PYRENE	BENZO[B]FLUORANTHENE	BENZO[GHI]PERYLENE	BENZO[K]FLUORANTHENE	CHRYSENE	DIBENZO[A,H]ANTHRAcene	FLUORANTHENE	FLUORENE	INDENO[1,2,3-CD]PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	Assessment		
MD Residential Clean-up		31,000	470,000	670,000	2,300,000	220	22	220	230,000	2,200	22,000	6	113	21	220	160,000	2,300,000	230,000			
MD Non-Residential Clean-up		410,000	6,100,000	4,100,000	31,000,000	3,900	390	3,900	3,100,000	39,000	390,000	390	4,100,000	4,100,000	3,900	2,000,000	31,000,000	3,100,000			
Northing	Easting	Study	Station	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO[ANTHRA]CENE	BENZO[A]PYRENE	BENZO[B]FLUORANTHENE	BENZO[GHI]PERYLENE	BENZO[K]FLUORANTHENE	CHRYSENE	DIBENZO[A,H]ANTHRAcene	FLUORANTHENE	FLUORENE	INDENO[1,2,3-CD]PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	Assessment
163913.11	448555.58	BaltCont	B1	3.6	3.3	1.4	3.4	3.4	5.8	9.1	4.2	2.1	4.1	10.9	2.0	2.2	14.1	11.4	12.1		
169418.3	445558.02	BaltCont	B10	336.0	73.0	91.5	215.4	370.1	631.1	591.2	426.6	509.9	383.8	57.6	803.0	132.6	651.0	1078.6	589.2	769.3	
167406.62	444837.54	BaltCont	B11	659.4	406.4	194.8	654.5	1072.8	1247.9	1106.3	826.4	843.5	877.1	123.2	1848.7	305.2	1031.2	1927.5	1727.0	1742.3	
168377.13	443579.2	BaltCont	B12	703.4	197.5	316.1	401.0	540.7	707.5	721.0	481.2	0.0	515.9	65.5	842.3	201.1	554.8	1172.5	903.7	844.1	
167707.86	443563.69	BaltCont	B13	482.5	124.1	137.8	351.1	540.7	762.5	744.8	502.1	661.9	583.0	51.8	1041.5	154.5	640.8	1374.0	559.1	1002.8	
166366.8	443633.52	BaltCont	B14	489.9	271.0	213.7	385.3	553.9	738.6	749.0	489.1	614.6	603.6	48.3	1134.0	141.0	627.1	1015.6	898.6	1125.2	
165144.97	442953.58	BaltCont	B15	256.1	63.7	79.0	249.6	302.5	378.6	444.3	281.4	308.5	326.5	36.5	570.8	131.7	368.5	582.1	579.2	539.6	
165144.97	442953.58	BaltCont	B15J	614.7	322.1	387.9	478.0	476.3	624.9	690.0	464.4	571.4	540.6	44.1	952.2	195.3	842.9	1003.0	1156.1	861.5	
164492.49	442044.66	BaltCont	B16	416.1	93.5	215.0	607.3	1035.1	1141.9	1533.2	891.8	1011.4	1212.0	102.4	2050.6	188.6	1324.5	970.7	1285.2	1749.1	
167372.58	442591.1	BaltCont	B17	134.9	69.3	57.2	161.1	180.2	214.8	190.1	149.0	191.1	198.6	14.0	319.4	66.4	261.3	369.9	385.2	332.6	
166864.26	441527.92	BaltCont	B18	418.4	101.1	145.3	290.5	640.0	706.5	763.1	503.9	588.5	643.9	71.6	1017.9	127.8	669.6	883.8	688.9	1007.9	
165811.79	440765.2	BaltCont	B19	679.2	391.2	673.3	480.7	630.6	881.1	1136.4	580.4	711.8	66.2	1306.4	168.0	974.3	986.2	1145.8	1231.8		
166700.54	448000.7	BaltCont	B2	453.7	80.3	97.0	230.9	314.8	391.1	424.8	268.0	324.2	338.7	30.6	681.7	139.2	353.0	937.2	658.8	652.3	
164755.91	439305.96	BaltCont	B20	181.1	40.1	168.4	269.3	407.1	512.8	741.4	407.5	535.9	496.9	35.2	772.3	66.1	648.3	378.9	384.2	722.8	
166269.57	439826.57	BaltCont	B21	260.3	55.0	98.9	204.2	328.2	472.5	569.5	363.8	439.8	438.3	34.6	843.2	107.9	467.7	563.9	450.8	702.9	
168253.52	441823.02	BaltCont	B22	308.1	134.9	253.6	289.7	406.4	472.1	497.2	293.1	387.0	388.3	40.3	669.4	90.2	443.3	612.2	698.7	627.7	
169368.16	441502.74	BaltCont	B23	480.4	85.6	129.3	302.7	619.4	861.3	944.4	576.9	658.3	620.1	74.2	989.6	132.8	773.6	1358.1	672.9	1045.0	
170606.68	443010.22	BaltCont	B24	944.9	257.8	453.7	1118.7	1595.1	2569.9	1741.4	1808.0	1506.5	237.0	2484.1	388.9	3458.8	7727.0	2042.3	2309.2		
171085.53	440853.11	BaltCont	B25	384.4	78.9	101.8	667.9	613.3	769.5	857.0	547.4	632.7	617.4	78.0	997.3	121.4	735.5	1150.1	122.1	1040.7	
172221.76	441706.02	BaltCont	B26	100.7	21.3	77.8	240.5	827.6	821.5	754.8	438.4	674.1	667.3	57.8	1347.2	54.2	838.8	434.9	324.8	1091.4	
172941.34	441903.7	BaltCont	B27	32.1	6.4	14.6	23.1	45.7	59.3	66.2	45.7	52.1	48.8	5.9	84.4	9.2	63.8	113.8	52.3	77.6	
174935.77	442900.28	BaltCont	B29	438.6	76.7	264.4	325.7	907.5	1424.9	1584.5	1125.9	1311.3	939.4	174.6	2333.4	128.9	1366.8	1402.2	619.6	2125.6	
164615.78	447470.71	BaltCont	B3	16.1	18.4	14.0	28.4	86.0	142.4	109.1	79.6	147.0	90.6	6.3	175.6	8.9	118.3	73.3	51.7	177.6	
175203.17	443858.01	BaltCont	B30	408.6	79.3	235.3	358.6	948.6	1283.7	1604.6	1090.5	1040.8	97.9	167.1	1527.9	138.5	1312.2	1921.8	673.3	1326.0	
175691.69	442968.1	BaltCont	B31	474.6	98.1	287.0	253.3	828.1	1256.5	1345.0	1057.8	1138.7	941.7	127.2	2158.8	111.8	1456.9	1119.8	560.0	1843.1	
175916.41	444561.38	BaltCont	B32	381.3	90.3	357.5	355.5	813.3	1195.0	1541.6	1032.3	1005.2	881.7	29.6	1886.1	96.2	1698.2	1089.1	658.2	1603.9	
176283.29	443995.86	BaltCont	B33	278.3	75.0	211.3	182.6	582.6	855.1	779.0	779.0	732.3	97.8	1885.8	82.8	1085.8	726.0	491.6	1360.8		
176244.03	445230.87	BaltCont	B34	1624.4	403	485.30	204.5	441.4	609.0	791.1	496.8	56.8	487.1	65.4	1128.1	80.7	613.6	390.8	544.5	918.6	
176782.79	445071.94	BaltCont	B35	435.0	58.8	171.0	146.8	429.4	551.1	694.1	465.2	533.3	540.5	51.3	1007.6	53.1	674.6	825.3	406.8	873.5	
173401.11	441373.58	BaltCont	B36	33.4	6.7	32.2	9.7	12.2	16.1	20.2	13.6	14.0	14.6	1.9	20.0	3.7	18.4	30.8	23.5	20.6	
174322.58	439452.56	BaltCont	B37	141.8	51.7	66.3	139.9	172.3	212.6	201.1	141.6	159.0	175.8	17.9	373.6	60.3	175.8	330.9	309.4	382.5	
176570.57	440038.3	BaltCont	B38	199.0	68.0	88.3	154.0	381.2	425.8	561.4	333.1	357.5	452.6	42.7	920.7	73.0	419.7	165.7	460.2	845.3	
175823.82	438711.33	BaltCont	B39	375.6	84.3	100.8	214.6	386.6	476.3	565.7	335.3	416.7	384.8	36.7	783.8	99.2	588.0	583.3	573.1	741.0	
173058.28	439466.09	BaltCont	B40	284.3	64.3	118.7	213.5	329.9	439.7	479.4	317.0	346.7	355.4	37.3	665.5	83.9	450.9	570.5	578.6	657.3	
173327.63	439059.39	BaltCont	B41	239.1	53.5	76.5	149.4	266.5	355.8	367.1	250.5	288.6	300.1	29.4	563.8	88.1	305.2	510.2	412.1	552.8	
173284.32	438404.8	BaltCont	B42	405.2	128.0	236.5	211.3	323.9	404.0	467.1	308.2	339.3	359.7	38.7	598.4	85.4	433.1	491.3	530.1	617.4	
172296.69	439489.09	BaltCont	B43	437.4	134.4	179.0	445.5	504.7	621.1	675.5	459.2	497.3	546.0	57.3	927.3	202.0	839.7	845.8	1053.7	910.5	
172396.83	437900.58	BaltCont	B44	345.8	58.2	81.2	231.3	347.5	459.7	545.4	346.2	382.0	347.2	55.4	740.6	128.9	404.3	564.0	583.0	717.3	
172242.52	436569.96	BaltCont	B45	522.3	113.4	91.1	289.9	498.0	598.5	705.3	431.5	522.2	623.3	56.5	1237.2	165.5	532.0	741.6	797.5	1118.0	
171399.91	436413.12	BaltCont	B46	1052.3	548.9	568.6	221.2	484.0	568.2	673.9	403.6	498.8	608.4	51.4	1204.8	115.1	509.7	554.0	672.4	1055.8	
170677.79	436301.29	BaltCont	B47	182.4	63.8	114.6	198.8	371.7	478.7	576.6	356.1	427.1	461.5	42.6	862.0	68.8	523.5	260.9	525.5	785.7	
169739.36	436761.54	BaltCont	B48	246.2	72.7	126.2	271.0	828.0	896.3	1305.2	658.7	942.7	958.6	70.0	1770.9	106.2	1142.1	369.2	108.5	1795.5	
168874.58	436477.59	BaltCont	B49	224.4	89.9	121.6	183.7	296.6	445.1	680.6	434.0	486.3	396.9	46.0	827.4	79.8	804.9	217.4	487.3	777.1	
166979.72	445680.13	BaltCont	B5	35.9	41.6	28.9	29.6	53.3	60.6	62.4	30.7	64.8	50.4	3.3	95.7	16.4	45.7	80.8	85.8	79.0	
168314.05	435280.16	BaltCont	B50	66.7	23.2	28.5	94.8	352.1	596.2	919.2	580.8	614.2	510.2	54.3	1169.0	35.4	1001.3	101.9	362.9	983.5	
167855.19	436098.27	BaltCont	B51	70.8	22.0	49.7	81.3	224.8	343.7	483.6	329.2	345.6	354.2	36.6	701.1	36.1	452.8	115.4	251.9	617.4	
166836.03	435766.87	BaltCont	B52	47.6	17.5	39.1	60.8	227.6	390.0	567.7	396.9	419.5	371.0	38.1	777.7	24.0	483.6	60.4	244.9	657.1	
175277.79	437395.15	BaltCont	B53	149.2	45.4	63.3	195.9	250.8	331.0	349.9	258.5	260.4	340.1	28.0	500.6	72.6	417.4	245.8	427.1	531.0	
176772.79	437256.2	BaltCont	B54	123.6	77.0	18.7	105.4	152.9	136.5	115.6	81.7	101.8	143.2	9.9	354.7	43.3	110.3	122.5	357.6	395.5	
176635.09	436161.18	BaltCont	B55	317.1	107.6	185.9	385.5	328.7	427.7	520.5	338.7	314.7	420.4	51.3	698.2	161.5	386.4	413.0	1028.4	690.4	
176274.47	436203.6	BaltCont	B56	209.4	185.7	255.4	174.6	344.7	451.9	513.6	317.4	376.8	455.3	41.9	921.5	69.8	428.8	270.8	452.7	794.3	
176332.23	435340.19	BaltCont	B57	163.2	56.8	61.6	169.7	305.2	450.5	446.6	309.9	352.5	341.1	44.0	584.6	66.7					



Soil Standards:		2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO[A]ANTHRACENE	BENZO[A]PYRENE	BENZO[B]FLUORANTHENE	BENZO[G]HOPHYRENE	BENZO[K]FLUORANTHENE	CHRYSENE	DIBENZO[A,H]ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO[1,2,3-C]PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
Habitat Reconstruction (TELS)		6.7	5.9	47	75	22	22				108	6	113	21		35	87	153
MD Residential Clean-up		31,000	470,000	470,000	2,300,000	220	22	220	230,000	2,200	22,000	22	310,000	310,000	220	160,000	2,300,000	230,000
MD Non-Residential Clean-up		410,000	6,100,000	6,100,000	31,000,000	3,900	390	3,900	3,100,000	39,000	390,000	390	4,100,000	4,100,000	3,900	2,000,000	31,000,000	3,100,000

Northing	Easting	Study	Station	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO[A]ANTHRACENE	BENZO[A]PYRENE	BENZO[B]FLUORANTHENE	BENZO[G]HOPHYRENE	BENZO[K]FLUORANTHENE	CHRYSENE	DIBENZO[A,H]ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO[1,2,3-C]PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	Station Assessment
168324.7	451514.2	FedChan 02	BE-1	1.3	1.3	1.2	1.2	1.2	1.2	1.6	1.3	1.6	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.8	
166011.67	453705.86	FedChan 02	BE-2	2.2	2.2	2.0	2.0	2.0	2.0	2.7	2.3	2.7	2.0	2.0	2.6	2.1	2.2	3.4	2.3	3.9	
165106.81	456084.77	FedChan 02	BE-3	22.0	4.7	3.9	8.5	11.0	10.0	17.0	7.3	1.7	12.0	2.2	23.0	8.2	5.7	41.0	25.0	35.0	
164660.76	458116.5	FedChan 02	BE-4*	1.1	1.1	1.0	1.0	2.1	1.7	2.5	1.2	1.4	2.0	1.0	2.5	1.1	1.1	2.1	1.3	3.2	
166011.67	453705.86	FedChan 02	BE-COMP-SED	1.3	1.3	1.2	1.2	1.4	1.2	1.6	1.3	1.6	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.7	
168547.57	447518.15	FedChan 02	BR-1	1.4	1.4	1.2	1.2	2.4	2.2	3.7	1.6	1.7	2.3	1.2	2.9	1.3	1.3	1.3	1.7	4.1	
169319.6	445074.39	FedChan 02	BR-2	1.2	1.2	1.1	1.1	1.4	1.2	2.0	1.2	1.5	1.3	1.1	1.5	1.2	1.2	1.1	1.1	2.1	
169881.74	444031.66	FedChan 02	BR-3*	1.6	1.4	1.3	1.3	2.8	2.9	5.1	2.7	1.7	2.9	1.3	3.9	1.4	2.1	5.3	3.0	5.2	
169319.6	445074.39	FedChan 02	BR-COMP-SED	1.4	1.4	1.3	1.3	1.3	1.3	1.7	1.4	1.7	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.8	
170449.04	442891.19	FedChan 02	BRA-1	1.5	1.5	1.4	1.4	3.4	4.4	7.0	3.3	1.8	4.1	1.4	5.0	1.4	2.9	4.6	2.2	5.9	
170465.47	442165.53	FedChan 02	BRA-2	3.2	1.2	1.6	2.3	5.3	6.9	11.0	4.7	1.4	5.7	1.6	8.1	1.9	4.1	9.4	4.8	9.2	
170940.53	442079.48	FedChan 02	BRA-3*	1.2	1.2	1.1	1.1	2.4	2.7	4.1	1.6	1.5	2.5	1.1	3.0	1.2	1.5	2.2	1.3	3.3	
170465.47	442165.53	FedChan 02	BRA-COMP-SED	3.0	1.3	1.2	2.1	4.3	5.3	5.2	3.7	4.0	4.8	1.2	6.3	1.7	3.2	11.0	4.2	7.3	
172827.97	439972.49	FedChan 02	CB-1	1.4	1.4	1.2	1.2	1.7	1.4	2.1	1.4	1.7	1.3	1.2	1.3	1.3	1.3	1.3	1.2	1.8	
172729.4	438384.09	FedChan 02	CB-2	2.0	2.0	1.8	1.8	2.1	1.8	2.9	2.2	2.4	1.8	1.8	1.8	1.9	1.9	1.8	1.8	2.6	
172729.92	436939.09	FedChan 02	CB-3*	1.2	1.2	1.1	1.1	1.1	1.1	1.4	1.2	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.5	
172729.4	438384.09	FedChan 02	CB-COMP-SED	1.7	1.6	1.6	1.6	1.6	1.6	2.1	1.7	2.1	1.6	1.6	1.6	1.6	1.7	1.6	1.6	2.2	
172362.54	436722.04	FedChan 02	CC-1	2.1	2.1	1.9	1.9	2.9	2.3	4.7	2.1	2.5	3.1	1.9	4.1	2.0	2.0	1.9	2.6	5.6	
171574.63	436388.9	FedChan 02	CC-2*	1.6	1.6	1.5	1.5	2.9	2.6	4.7	2.2	2.0	3.3	1.5	4.5	1.5	1.6	1.5	2.4	5.4	
170489.12	436520.6	FedChan 02	CC-3	2.1	2.1	1.9	1.9	3.6	3.2	9.5	3.2	2.5	6.3	1.9	8.6	2.0	2.5	1.9	3.1	11.0	
169859.58	437220.33	FedChan 02	CC-4	1.8	1.8	1.6	1.6	2.8	2.0	4.6	1.8	2.1	3.8	1.6	2.9	1.7	1.7	1.6	1.6	3.6	
171574.63	436388.9	FedChan 02	CC-COMP-SED	1.9	1.9	1.7	1.7	2.1	1.7	3.8	1.9	2.3	3.2	1.7	3.0	1.8	1.9	1.8	1.7	4.3	
157037.2	452496.45	FedChan 02	CR-1	1.3	1.4	1.2	1.2	1.9	1.5	2.6	1.4	1.6	1.8	1.2	2.9	1.3	1.3	1.5	2.1	3.4	
158976.67	452280.28	FedChan 02	CR-2	1.3	1.3	1.2	1.2	1.2	1.2	1.6	1.3	1.6	1.2	1.2	1.8	1.2	1.3	1.2	1.8	2.1	
160334.86	452295.8	FedChan 02	CR-3*	1.5	1.5	1.3	1.3	1.7	1.3	1.9	1.5	1.8	1.3	1.3	2.3	1.4	1.4	1.4	1.8	2.5	
158976.67	452280.28	FedChan 02	CR-COMP-SED	1.4	1.4	1.3	1.3	2.0	1.5	3.0	1.4	1.7	2.2	1.3	3.1	1.3	1.4	1.3	2.5	3.7	
161557.32	452492.36	FedChan 02	CRA-1*	3.0	1.1	1.0	1.5	2.2	2.3	3.7	1.6	1.3	2.4	1.0	3.7	1.7	1.3	4.8	3.8	5.4	
162074.41	452066.65	FedChan 02	CRA-2	2.2	1.4	1.3	1.5	2.2	1.8	3.1	1.5	1.7	2.1	1.3	4.0	1.3	1.4	2.2	3.9	4.2	
162576.27	451851.49	FedChan 02	CRA-3	1.4	1.4	1.3	1.3	1.5	1.3	1.8	1.4	1.7	1.3	1.3	2.0	1.3	1.4	3.2	2.3	2.7	
163347.2	451752.77	FedChan 02	CRA-4	1.5	1.3	1.2	1.2	1.7	1.4	2.2	1.3	1.6	1.6	1.2	2.3	1.3	1.3	3.7	2.0	3.2	
162074.41	452066.65	FedChan 02	CRA-COMP-SED	1.3	1.3	1.2	1.2	1.3	1.2	1.7	1.3	1.6	1.2	1.2	1.7	1.2	1.3	2.8	1.4	2.4	
151389.07	453692.85	FedChan 02	CRE-1	1.7	1.7	1.6	1.6	2.0	1.7	2.4	1.7	2.1	1.6	1.6	3.7	1.6	1.7	1.8	2.1	5.6	
152349.16	453393.41	FedChan 02	CRE-2	1.6	1.6	1.4	1.4	1.8	1.4	2.4	1.6	1.9	1.6	1.4	2.1	1.5	1.5	1.8	1.6	2.3	
153985.11	453171.7	FedChan 02	CRE-3*	2.3	1.6	1.4	1.4	2.5	2.5	4.2	2.2	1.9	2.9	1.4	4.3	1.5	1.6	4.4	4.3	5.3	
152349.16	453393.41	FedChan 02	CRE-COMP-SED	1.8	1.7	1.5	1.5	2.6	2.7	4.2	2.3	2.0	3.0	1.5	4.2	1.6	1.7	3.5	3.7	5.3	
164794.02	450887.5	FedChan 02	CRU-1*	1.3	1.3	1.2	1.2	1.9	1.7	1.6	1.3	1.6	1.7	1.2	2.1	1.2	1.3	2.3	1.6	3.5	
166265.41	449793.39	FedChan 02	CRU-2	1.2	1.2	1.1	1.1	1.3	1.1	1.4	1.2	1.4	1.1	1.1	1.6	1.1	1.2	1.7	1.3	2.2	
166265.41	449793.39	FedChan 02	CRU-COMP-SED	1.2	1.2	1.1	1.1	2.0	1.7	2.6	1.2	1.5	1.6	1.1	3.1	1.1	1.2	1.1	2.9	3.9	
167400.21	448998.41	FedChan 02	CUT-1	1.4	1.4	1.2	1.2	1.5	1.2	1.7	1.2	1.4	1.2	1.2	1.6	1.3	1.3	4.5	1.5	2.4	
168012.16	448922.61	FedChan 02	CUT-2	2.7	1.3	1.2	1.6	3.4	3.7	6.0	2.9	1.6	3.6	1.2	5.0	1.5	2.3	6.3	4.2	7.6	
167924.56	448517.04	FedChan 02	CUT-3*	1.1	1.1	1.0	1.0	1.5	1.4	2.2	1.1	1.4	1.5	1.0	2.3	1.1	1.1	3.2	1.8	3.8	
168012.16	448922.61	FedChan 02	CUT-COMP-SED	1.3	1.3	1.2	1.2	1.2	1.2	1.6	1.3	1.6	1.2	1.2	1.3	1.2	1.3	2.9	1.3	2.1	
176507.3	435940.32	FedChan 02	FB-1	1.7	1.7	1.6	1.6	1.6	1.6	2.2	1.8	2.1	1.6	1.6	1.8	1.7	1.7	2.6	1.6	2.7	
175657.82	435081	FedChan 02	FB-2*	1.6	1.6	1.5	1.5	3.7	3.8	7.1	3.2	2.0	4.5	1.5	5.4	1.5	2.5	3.1	2.5	7.9	
175657.82	435081	FedChan 02	FB-COMP-SED	2.5	1.7	1.9	2.3	6.5	8.5	15.0	7.3	2.1	8.9	2.4	10.0	1.6	5.6	1.6	5.2	14.0	
171839.29	440934.68	FedChan 02	FTM-1	1.0	1.0	0.9	0.9	2.1	1.9	3.2	1.2	1.2	1.2	0.9	2.3	1.0	1.0	1.8	1.1	2.6	
174661.37	438812.09	FedChan 02	FTM-2	1.4	1.4	1.3	1.3	1.5	1.3	2.2	1.4	1.7	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.8	
176061.11	437475.9	FedChan 02	FTM-3*	1.4	1.4	1.2	1.2	1.2	1.2	1.2	1.4	1.7	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.8	
174661.37	438812.09	FedChan 02	FTM-COMP-SED	1.3	1.3	1.2	1.2	2.4	2.4	4.7	1.6	1.5	2.4	1.2	3.2	1.2	1.4	3.9	1.7	4.8	
175674.65	438671.85	FedChan 02	HA-1*	1.6	1.6	1.4	1.4	2.3	2.1	3.5	1.9	1.9	2.1	1.4	2.6	1.5	1.5	1.5	3.5		
175373.05	437525.22	FedChan 02	HA-2	1.4	1.4	1.3	1.3	2.6	2.6	4.7	2.4	1.8	2.7	1.3	3.0	1.4	1.9	1.4	1.7	3.7	
175373.05	437525.22	FedChan 02	HA-COMP-SED	1.4	1.4	1.3	1.3	1.3	1.3	1.9	1.4	1.7	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.8	
176660.89	437140.78	FedChan 02	NWBE-1	1.6	1.6	1.5	1.5	4.4	4.0	6.7	2.6	2.0	4.9	1.5	7.9	1.6	2.3	1.5	5.1	8.6	
177250.89	436692.08	FedChan 02	NWBE-2	1.7	1.7	1.5	1.5	2.5	2.4	4.4	1.9	2.1	2.7	1.5	3.8	1.6	1.7	3.2	2.2	4.5	
178257.92	436793.82	FedChan 02	NWBE-3*	2.3	1.7	1.6	3.0	8.6	7.9	13.0	5.6	2.1	9.9	2.3	15.0	1.6	4.3	4.1	4.6	19.0	
177250.89	436692.08	FedChan 02	NWBE-COMP-SED	1.7	1.7	1.5	1.8	4.6	4.6	7.9	3.9	2.0	5.1	1.5	8.0	1.6	3.0	3.1	3.8	9.2	
178131.46	435026.84	FedChan 02	NWBW-1	3.9	2.0	1.8	2.9	6.7	7.5	13.0	6.3	2.4	7.3	2.0	11.0	1.9	4.8	7.7	6.0	17.0	
178541.99	435800.17	FedChan 02	NWBW-2	1.5	1.3	1.1	1.3	3.3	3.3	6.3	2.5	1.5	3.6	1.1	5.6	1.2	2.0	1.2	2.9	7.7	
179010.84	435140.83	FedChan 02</																			

Soil Standards:

Habitat Reconstruction (TELS)	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO[A]ANTHRACENE	BENZO[A]PYRENE	BENZO[B]FLUORANTHENE	BENZO[G]HOPHYRENE	BENZO[K]FLUORANTHENE	CHRYSENE	DIBENZO[A,H]ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO[1,2,3-C]PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	
MD Residential Clean-up	31,000	470,000	470,000	2,300,000	220	22	220	230,000	2,200	22,000	6	113	21	310,000	220	160,000	2,300,000	230,000
MD Non-Residential Clean-up	410,000	6,100,000	6,100,000	31,000,000	3,900	390	3,900	3,100,000	39,000	390,000	390	4,100,000	4,100,000	3,900	2,000,000	31,000,000	3,100,000	

Northing	Easting	Study	Station	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO[A]ANTHRACENE	BENZO[A]PYRENE	BENZO[B]FLUORANTHENE	BENZO[G]HOPHYRENE	BENZO[K]FLUORANTHENE	CHRYSENE	DIBENZO[A,H]ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO[1,2,3-C]PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
174826	439547.96	FedChan 05	DDW1	28.0	10.0	13.0	24.0	39.0	44.0	50.0	39.0	23.0	46.0	8.3	75.0	17.0	28.0	62.0	52.0	75.0
175268.67	439637.82	FedChan 05	DDW2	11.0	6.0	9.4	20.0	37.0	42.0	56.0	40.0	19.0	45.0	8.3	78.0	13.0	29.0	11.0	44.0	77.0
174806.09	440004.18	FedChan 05	DDW3	25.0	12.0	21.0	34.0	73.0	83.0	96.0	68.0	44.0	83.0	16.0	120.0	20.0	54.0	50.0	72.0	110.0
176503.68	435960.48	FedChan 05	FB1	60.0	20.0	29.0	71.0	120.0	130.0	170.0	130.0	75.0	140.0	30.0	240.0	28.0	110.0	110.0	110.0	220.0
176399.99	435123.71	FedChan 05	FB2	43.0	15.0	24.0	46.0	90.0	110.0	150.0	120.0	54.0	120.0	27.0	190.0	28.0	100.0	73.0	90.0	180.0
174668.76	438810.61	FedChan 05	FTM-COMP	200.0	56.0	78.0	150.0	260.0	330.0	420.0	310.0	170.0	310.0	69.0	460.0	100.0	250.0	440.0	310.0	570.0
171852.14	440913.03	FedChan 05	FTM1	140.0	42.0	58.0	110.0	210.0	280.0	310.0	200.0	150.0	210.0	52.0	330.0	58.0	190.0	340.0	210.0	340.0
174668.76	438810.61	FedChan 05	FTM2	140.0	37.0	55.0	98.0	220.0	230.0	290.0	220.0	110.0	220.0	48.0	290.0	68.0	180.0	300.0	210.0	370.0
176085.02	437442.71	FedChan 05	FTM3	140.0	42.0	54.0	110.0	240.0	260.0	350.0	240.0	150.0	250.0	53.0	330.0	72.0	200.0	270.0	230.0	490.0
174259.93	439572.39	FedChan 05	HA-COMP	34.0	11.0	14.0	31.0	48.0	53.0	62.0	48.0	29.0	59.0	10.0	95.0	19.0	35.0	75.0	65.0	94.0
175569.01	438639.29	FedChan 05	HA1	64.0	19.0	28.0	53.0	91.0	100.0	120.0	90.0	54.0	110.0	19.0	190.0	34.0	67.0	140.0	120.0	160.0
174259.93	439572.39	FedChan 05	HA2	12.0	8.7	15.0	31.0	55.0	70.0	77.0	59.0	29.0	65.0	12.0	110.0	15.0	43.0	12.0	66.0	120.0
177548.7	436674.87	FedChan 05	NWBE-COMP	140.0	38.0	54.0	130.0	250.0	240.0	300.0	230.0	120.0	280.0	53.0	420.0	46.0	180.0	270.0	180.0	420.0
176793.65	437043.76	FedChan 05	NWBE1	97.0	24.0	33.0	74.0	160.0	150.0	210.0	150.0	72.0	170.0	34.0	260.0	46.0	120.0	170.0	170.0	280.0
177548.7	436674.87	FedChan 05	NWBE2	98.0	24.0	38.0	82.0	140.0	160.0	200.0	160.0	79.0	150.0	35.0	250.0	49.0	130.0	180.0	140.0	280.0
178248.68	436795.3	FedChan 05	NWBE3	140.0	45.0	82.0	240.0	400.0	370.0	460.0	320.0	180.0	540.0	79.0	780.0	63.0	250.0	200.0	260.0	680.0
178895.88	435496.56	FedChan 05	NWBW-COMP	120.0	47.0	83.0	190.0	300.0	300.0	390.0	260.0	170.0	440.0	61.0	750.0	63.0	210.0	170.0	230.0	550.0
178539.17	435992.89	FedChan 05	NWBW1	59.0	18.0	31.0	69.0	120.0	130.0	180.0	140.0	72.0	150.0	30.0	240.0	38.0	110.0	94.0	110.0	220.0
178895.88	435496.56	FedChan 05	NWBW2	140.0	56.0	100.0	310.0	480.0	490.0	600.0	320.0	160.0	600.0	78.0	950.0	82.0	250.0	210.0	280.0	770.0
179003.49	435149.5	FedChan 05	NWBW3	130.0	48.0	95.0	220.0	390.0	390.0	520.0	300.0	200.0	520.0	81.0	970.0	62.0	260.0	180.0	290.0	720.0
176436.72	438622.09	FedChan 05	SGT-COMP	22.0	8.2	8.7	21.0	44.0	41.0	53.0	33.0	20.0	48.0	7.4	91.0	13.0	25.0	42.0	46.0	78.0
176232.2	438039.03	FedChan 05	SGT1	27.0	9.0	13.0	26.0	45.0	48.0	60.0	45.0	21.0	58.0	9.2	73.0	15.0	31.0	52.0	53.0	57.0
176436.72	438622.09	FedChan 05	SGT2	57.0	17.0	29.0	58.0	95.0	100.0	120.0	95.0	45.0	120.0	22.0	210.0	31.0	72.0	96.0	110.0	140.0
176641.79	438559.22	FedChan 05	SGT3	8.1	6.2	5.9	13.0	23.0	21.0	23.0	17.0	8.4	25.0	3.7	55.0	8.8	12.0	19.0	29.0	47.0
177240.04	434708.59	FedChan 05	SLP-COMP	33.0	13.0	25.0	38.0	72.0	84.0	100.0	94.0	40.0	92.0	20.0	180.0	23.0	70.0	53.0	76.0	150.0
176678.1	434834.78	FedChan 05	SLP1	44.0	16.0	28.0	45.0	93.0	110.0	140.0	120.0	63.0	120.0	24.0	210.0	30.0	84.0	65.0	92.0	180.0
177240.04	434708.59	FedChan 05	SLP2	62.0	22.0	46.0	66.0	120.0	130.0	170.0	120.0	65.0	160.0	29.0	260.0	41.0	100.0	92.0	130.0	230.0
176956.14	435360.02	FedChan 05	SLP3	35.0	14.0	24.0	40.0	77.0	85.0	110.0	85.0	44.0	94.0	17.0	180.0	24.0	61.0	60.0	78.0	150.0
175892.97	435999.11	Masonville	M-B1	42.0	25.0	25.0	50.0	240.0	410.0	360.0	350.0	280.0	140.0	500.0	41.0	290.0	61.0	160.0	440.0	440.0
176099.82	435605.44	Masonville	M-B2	34.0	18.0	60.0	84.0	200.0	280.0	250.0	270.0	260.0	270.0	92.0	480.0	28.0	210.0	49.0	150.0	300.0
176106.49	435165.07	Masonville	M-B3	32.0	25.0	53.0	82.0	200.0	250.0	370.0	220.0	3.7	250.0	81.0	390.0	34.0	180.0	57.0	160.0	300.0
175559.36	435711.2	Masonville	M-B5	71.0	44.0	53.0	95.0	320.0	390.0	530.0	410.0	160.0	340.0	84.0	390.0	55.0	300.0	160.0	200.0	620.0
175792.89	435732.22	Masonville	M-B6	74.0	47.0	62.0	130.0	370.0	350.0	450.0	340.0	140.0	390.0	76.0	580.0	93.0	250.0	110.0	250.0	610.0
176373.38	435711.2	Masonville	M-B7	83.0	38.0	100.0	140.0	280.0	600.0	850.0	440.0	290.0	330.0	120.0	430.0	52.0	350.0	150.0	210.0	1100.0
176366.71	435011.61	Masonville	M-B8 M	56.0	23.0	51.0	60.0	160.0	180.0	230.0	150.0	73.0	190.0	37.0	240.0	36.0	120.0	44.0	120.0	290.0
175973.04	435778.92	Masonville	MSN03-JV1	110.0	40.0	98.0	260.0	620.0	650.0	760.0	540.0	290.0	680.0	120.0	120.0	56.0	410.0	170.0	310.0	1100.0
176159.87	435772.25	Masonville	MSN03-JV2	89.0	27.0	73.0	160.0	280.0	450.0	590.0	420.0	210.0	340.0	92.0	770.0	46.0	310.0	150.0	240.0	710.0
176053.11	435685.51	Masonville	MSN03-JV3	110.0	39.0	98.0	240.0	460.0	550.0	720.0	530.0	250.0	490.0	120.0	1100.0	60.0	390.0	190.0	310.0	800.0
176066.46	435425.29	Masonville	MSN03-JV4	82.0	34.0	92.0	160.0	260.0	330.0	590.0	390.0	5.8	260.0	88.0	500.0	47.0	290.0	160.0	180.0	740.0
176026.42	435098.35	Masonville	MSN03-JV5	89.0	35.0	76.0	160.0	400.0	440.0	550.0	470.0	180.0	440.0	99.0	770.0	55.0	350.0	100.0	320.0	660.0
175919.66	435024.95	Masonville	MSNSURF05-1-S	47.0	33.0	57.0	87.0	280.0	340.0	470.0	290.0	150.0	370.0	64.0	600.0	44.0	230.0	63.0	230.0	540.0
175586.05	434904.85	Masonville	MSNSURF05-2-S	59.0	33.0	65.0	110.0	290.0	370.0	560.0	350.0	210.0	420.0	75.0	850.0	52.0	290.0	76.0	210.0	710.0
175319.15	434811.44	Masonville	MSNSURF05-3-S	63.0	35.0	73.0	110.0	270.0	390.0	570.0	370.0	230.0	370.0	81.0	610.0	52.0	300.0	82.0	200.0	650.0
175432.58	435085	Masonville	MSNSURF05-4-S	98.0	99.0	140.0	270.0	850.0	1000.0	1500.0	870.0	510.0	120.0	200.0	260.0	130.0	710.0	140.0	700.0	200.0
118569.95	454788.29	NewWork	PI-1	20.0	35.0	2.0	1.0	2.8	3.1	28.0	1.3	1.3	1.4	2.8	4.2	2.3	20.0	1.4	2.6	2.6
120380.11	453435.43	NewWork	PI-2	67.0	110.0	6.7	3.3	9.0	10.0	9.0	4.1	4.2	4.6	9.0	14.0	7.6	67.0	4.7	8.6	8.6
122847.63	453797.46	NewWork	PI-3	18.0	31.0	1.8	0.9	2.4	2.7	2.4	1.1	1.1	1.2	2.4	3.7	2.0	18.0	1.1	2.3	2.3
123428.79	455207.48	NewWork	PI-4	20.0	34.0	2.0	1.0	2.7	3.0	2.7	1.2	1.3	1.4	2.7	4.1	2.3	20.0	1.2	2.6	2.6
121456.67	455407.55	NewWork	PI-5	22.0	38.0	2.2	1.1	3.0	3.3	3.0	1.4	1.4	1.5	3.0	4.6	2.6	22.0	2.8	2.9	2.9
170998.65	464061.57	NewWork	TLS2VC	240.0	180.0	150.0	84.0	100.0	240.0	65.0	50.0	68.0	8.4	390.0	160.0	45.0	540.0	430.0	340.0	340.0
170161.48	463223.24	NewWork	TLV2	40.0	46.0	7.6	14.0	19.0	22.0	10.0	7.4	16.0	1.9	28.0	140.0	12.0	99.0	15.0	21.0	21.0
170669.49	463595.78	NewWork	TLV3	60.0	48.0	10.0	24.0	34.0	43.0	20.0	13.0	28.0	2.8	47.0	130.0	23.0	120.0	32.0	33.0	33.0
171177.5	464069.92	NewWork	TLV4	180.0	53.0	42.0	44.0	57.0	120.0	46.0	24.0	56.0	5.7	120.0	1100.0	41.0	650.0	160.0	110.0	110.0
171888.71	464544.06	NewWork	TLV5	61.0	52.0	12.0	20.0	28.0	87.0	22.0	11.0	27.0	2.5	55.0	150.0	22.0	75.0	48.0	49.0	49.0
1																				

Table C3. Pesticides.

		Soil Standards:																		Station	
Habitat Reconstruction (TELS)		4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	BETA-BHC	CHLORDANE (TECHNICAL)	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	Assessment
MD Residential Clean-up		2700	1900	1900	38	100	350	1800	490	40	4700	4700	4700	2300	2300	490	140	70	39,000	580	0.1
MD Non-Residential Clean-up		12,000	8400	8400	170	450	1600	8200	2200	180	610,000	610,000	610,000	31,000	31,000	2200	640	310	510,000	2600	
Northing	Esting	Study																			
167707.8589	443663.69	BaltCont	B13																		
165144.9747	442953.58	BaltCont	B15																		
166700.5394	448000.7	BaltCont	B2	1.4	1.3																
169368.1619	441502.74	BaltCont	B23	2.5	4.3																
170606.6785	443010.22	BaltCont	B24	4.3	3.8																
175691.6869	442968.1	BaltCont	B31	12.2	8.5																
175916.4058	444561.38	BaltCont	B32	6.9	2.9																
176782.7908	445071.94	BaltCont	B35	4.8																	
174322.5801	439452.56	BaltCont	B37	1.1	1.0																
176570.572	440038.3	BaltCont	B38	2.0																	
172396.8259	437900.58	BaltCont	B44	6.4	6.5																
171399.9123	436413.12	BaltCont	B46	6.3	6.0																
168874.5814	436477.59	BaltCont	B49	6.5																	
166836.033	435766.87	BaltCont	B52	1.6	1.6																
176772.795	437256.2	BaltCont	B54	1.7	0.8																
170392.3295	446536.17	BaltCont	B6	1.6	2.4																
176421.1292	434524.62	BaltCont	B62	2.5																	
177721.3742	436328.79	BaltCont	B67	0.9																	
179287.8023	434224.45	BaltCont	B72																		
175282.97	451914.72	BaltCont	B74	1.9	2.9																
178680.8701	447937.39	BaltCont	B79																		
181313.2237	444566.8	BaltCont	B81	1.7																	
172751.5875	446558.23	BaltCont	B9	4.8																	
170621.6237	440496.73	CoxCreek	CCE-01	0.8	1.1	3.2	1.0	2.8	1.1												
170639.3241	440496.73	CoxCreek	CCE-02	18.0	7.5	15.0	1.6	8.3	1.7												
170494.833	440803.92	CoxCreek	CCE-03	1.0	1.6	4.4	1.3	6.4	1.4												
170005.7082	440903.34	CoxCreek	CCE-04	1.0	2.0	5.2	1.3	5.0	1.4												
169877.2107	441252.39	CoxCreek	CCE-05	1.3	3.4	5.5	1.6	8.6	1.7												
169784.5911	440961.33	CoxCreek	CCE-06	4.7	4.6	9.3	1.2	6.5	1.2												
170217.7088	441372.75	CoxCreek	CCE-07	2.1	2.3	3.3	1.6	8.2	1.7												
169458.2661	441246.7	CoxCreek	CCE-08	7.4	2.1	1.8	1.6	5.3	1.7												
169349.5348	440642.24	CoxCreek	CCE-09	3.2	3.5	7.3	1.4	4.2	1.4												
171755.4401	440135.37	CoxCreek	CCE-REF	2.9	3.7	7.4	1.1	4.8	1.1												
166011.667	453705.86	FedChan 02	BE-COMP-SED	0.7	0.2	0.3	0.3	0.2	0.3												
168324.7027	451514.2	FedChan 02	BE-1	0.7	0.2	0.3	0.3	0.2	0.3												
166011.667	453705.86	FedChan 02	BE-2	0.6	0.2	0.2	0.2	0.2	0.26												
16506.8072	45894.77	FedChan 02	BE-3	0.8	0.2	0.3	0.3	0.2	0.32												
164660.7629	458116.5	FedChan 02	BE-4	0.6	0.2	0.2	0.2	0.2	0.27												
169319.6004	445074.39	FedChan 02	BR-COMP-SED	0.8	0.3	0.3	0.3	0.2	0.33												
168547.5725	447518.15	FedChan 02	BR-1	0.8	0.2	0.3	0.3	0.2	0.32												
169319.6004	445074.39	FedChan 02	BR-2	0.7	0.2	0.2	0.3	0.2	0.28												
169881.743	444031.66	FedChan 02	BR-3*	0.8	0.3	0.3	0.3	0.2	0.33												
170465.4655	442165.53	FedChan 02	BRA-COMP-SED	0.7	0.2	0.3	0.3	0.2	0.3												
170449.0368	442891.19	FedChan 02	BRA-1	0.8	0.3	0.3	0.3	0.2	0.35												
170465.4655	442165.53	FedChan 02	BRA-2	0.7	0.2	0.2	0.3	0.2	0.28												
170940.5268	442079.48	FedChan 02	BRA-3*	0.7	0.2	0.2	0.3	0.2	0.29												
172729.398	438384.09	FedChan 02	CB-COMP-SED	1.0	0.3	0.3	0.4	0.3	0.4												
172827.9703	439972.49	FedChan 02	CB-1	0.8	0.2	0.3	0.3	0.2	0.32												
172729.398	438384.09	FedChan 02	CB-2	1.1	0.3	0.4	0.4	0.3	0.46												
172729.9162	436939.09	FedChan 02	CB-3*	0.6	0.2	0.2	0.2	0.2	0.27												
171574.6327	436388.9	FedChan 02	CC-COMP-SED	1.1	0.3	0.4	0.4	0.3	0.45												
172362.5407	436722.04	FedChan 02	CC-1	1.1	0.4	0.8	0.4	0.3	0.48												
171574.6327	436388.9	FedChan 02	CC-2*	0.9	0.3	0.5	0.3	0.38	1.5												
170489.118	436520.6	FedChan 02	CC-3	1.1	0.4	0.4	0.4	0.3	0.49												
169859.5841	437220.33	FedChan 02	CC-4	1.0	0.3	0.3	0.4	0.3	0.41												
185299.5024	469546.63	FedChan 02	CD-COMP-SED	0.6	0.2	0.2	0.2	0.2	0.23												
178065.8364	466043.5	FedChan 02	CD-1	0.6	0.2	0.2	0.2	0.2	0.25												
185299.5024	469546.63	FedChan 02	CD-2	0.6	0.2	0.2	0.2	0.2	0.25												
185681.9654	470106.51	FedChan 02	CD-3*	0.5	0.2	0.2	0.2	0.1	0.21												
158976.6696	452280.28	FedChan 02	CR-COMP-SED	0.8	0.2	0.3	0.3	0.2	0.33												
157037.1967	452498.45	FedChan 02	CR-1	0.8	0.2	0.3	0.3	0.2	0.32												
158976.6696	452280.28	FedChan 02	CR-2	0.7	0.2	0.3	0.3	0.2	0.3												
160334.8584	452296.8	FedChan 02	CR-3*	0.8	0.3	0.3	0.3	0.2	0.34												
162074.413	452066.65	FedChan 02	CRA-COMP-SED	0.7	0.2	0.3	0.3	0.2	0.3												
161557.3198	452492.36	FedChan 02	CRA-1*	0.6	0.2	0.2	0.2	0.2	0.25												
162074.413	452066.65	FedChan 02	CRA-2	0.8	0.2	0.3	0.3	0.2	0.32												
162576.2662	451851.49	FedChan 02	CRA-3	0.8	0.2	0.3	0.3	0.2	0.33												
163347.1968	451752.77	FedChan 02	CRA-4	0.7	0.2	0.3	0.3	0.2	0.31												
152349.1594	453393.41	FedChan 02	CRE-COMP-SED	0.9	0.3	0.3	0.4	0.3	0.39												
151389.0698	453692.85	FedChan 02	CRE-1	1.0	0.3	0.3	0.4	0.3	0.4												
152349.1594	453393.41	FedChan 02	CRE-2	0.9	0.3	0.3	0.3	0.2	0.36												
153985.1124	453171.7	FedChan 02	CRE-3*	0.9	0.3	0.3	0.3	0.3	0.37												
166265.413	449793.39	FedChan 02	CRU-COMP-SED	0.7	0.2	0.2	0.3	0.2	0.28												
164794.0214	450387.5	FedChan 02	CRU-1*	0.7	0.2	0.3	0.3	0.2	0.3												
166265.413	449793.39	FedChan 02	CRU-2	0.2	0.2	0.2	0.2	0.2	0.28												
168012.1608	448922.61	FedChan 02	CUT-COMP-SED	0.7	0.2	0.3	0.3	0.2	0.3												
167400.2138	448998.41	FedChan 02	CUT-1	0.8	0.2	0.3	0.3	0.2	0.32												
168012.1608	448922.61	FedChan 02	CUT-2	0.7	0.2	0.3	0.3	0.2	0.31												
167924.5613	448517.04	FedChan 02	CUT-3*	0.6	0.2	0.3	0.2	0.2	0.26												
175657.825	435081	FedChan 02	FB-COMP-SED	0.9	0.3	0.3	0.4	0.3	0.4												
176507.3026	435940.32	FedChan 02	FB-1	1.0	0.3	0.3	0.4	0.3	0.41												
175657.825	435081	FedChan 02	FB-2*	0.9	0.3	0.4	0.3	0.3	0.37												
174661.3728	438812.09	FedChan 02	FTM-COMP-SED	0.7	0.2	0.2	0.3	0.2	0.3												
171839.2906	440934.68	FedChan 02	FTM-1	0.6	0.2	0.2	0.2	0.2	0.24												
174661.3728	438812.09	FedChan 02	FTM-2	0.8	0.3	0.3	0.3	0.2	0.33												
176061.1058	437475.9	FedChan 02	FTM-3*	0.8	0.2	0.3	0.3	0.2	0.32												
153737.0503	437525.22	FedChan 02	HA-COMP-SED	0.8	0.2	0.3	0.3	0.2	0.32												
175874.6499	438671.65	FedChan 02	HA-1*	0.9	0.3	0.3	0.3	0.3	0.37												
175373.0503	437525.22	FedChan 02	HA-2	0.8	0.3	0.5	0.3	0.2	0.34												
177250.8926	436692.08	FedChan 02	NWBE-COMP-SED	0.9	0.3	0.3	0.4	0.3	0.39												
176660.8913	437140.78	FedChan 02	NWBE-1	0.9	0.3	0.3	0.3	0.3	0.38												
177250.8926	436692.08	FedChan 02	NWBE-2	0.9	0.3	0.3	0.4	0.3	0.39												
178257.9214	436793.82	FedChan 02	NWBE-3*	1.0	0.3	0.3	0.4	0.3	0.4												
178541.995	435800.17	FedChan 02	NWBW-COMP-SED	1.0	0.3	0.4	0.4	0.3	0.4												
178131.4598	435026.84	FedChan 02	NWBW-1	1.1	0.3	0.4	0.3	0.46	1.9												

Soil Standards:		4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	BETA-BHC	CHLORDANE (TECHNICAL)	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE
Habitat Reconstruction (TELS)		1.2	2.1	1.2				2.26		0.72						0.32				0.1
MD Residential Clean-up		2700	1900	1900	38	100	350	1800	490	40	4700	4700	4700	2300	2300	490	140	70	39,000	580
MD Non-Residential Clean-up		12,000	8400	8400	170	450	1600	8200	2200	180	610,000	610,000	610,000	31,000	31,000	2200	640	310	510,000	2600

Station	Study	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	BETA-BHC	CHLORDANE (TECHNICAL)	DELTA-BHC	DIELDRIN	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	Station Assessment
Northing	Easting																				
178541.995	435800.17	FedChan	02	NWBW-2	0.7	0.2	0.3	0.3	0.2	0.29	1.2	0.2	0.2	0.5	0.3	0.3	0.2	0.2	0.9	5.4	
179010.8383	435140.83	FedChan	02	NWBW-3*	1.1	0.3	0.5	0.4	0.3	0.76	1.9	0.3	0.3	0.8	0.4	0.5	0.3	0.4	0.3	1.7	8.3
159246.3566	460509.27	FedChan	02	SWP-COMP-SED	0.8	0.3	0.3	0.3	0.2	0.34	1.4	0.2	0.2	0.6	0.3	0.3	0.3	0.3	0.2	1.0	6.3
157522.7431	459644.28	FedChan	02	SWP-1	0.9	0.3	0.3	0.3	0.3	0.37	1.5	0.2	0.3	0.6	0.3	0.4	0.3	0.3	0.3	1.1	6.8
159246.3566	460509.27	FedChan	02	SWP-2*	0.7	0.2	0.3	0.3	0.2	0.3	1.2	0.2	0.2	0.5	0.3	0.3	0.2	0.2	0.2	0.9	5.5
166475.9078	460335.78	FedChan	02	TLC-COMP-SED	0.7	0.2	0.2	0.3	0.2	0.28	1.2	0.2	0.2	0.5	0.3	0.3	0.2	0.2	0.2	0.8	5.1
164340.2352	459053.95	FedChan	02	TLC-1*	0.8	0.3	0.3	0.3	0.2	0.35	1.4	0.2	0.3	0.6	0.3	0.3	0.3	0.3	0.2	1.0	6.3
166475.9078	460335.78	FedChan	02	TLC-2	0.6	0.2	0.2	0.2	0.2	0.26	1.0	0.2	0.2	0.4	0.2	0.3	0.2	0.2	0.2	0.7	4.6
170650.6315	463684.16	FedChan	02	TLC-3	0.5	0.2	0.2	0.2	0.1	0.21	0.9	0.1	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.6	3.8
134279.6095	449901.26	FedChan	02	UB1REF*	0.7	0.2	0.3	0.3	0.2	0.3	1.2	0.2	0.2	0.5	0.3	0.3	0.2	0.2	0.9	5.5	
129648.4174	447752.54	FedChan	02	UB2REF	0.7	0.2	0.2	0.3	0.2	0.29	1.2	0.2	0.2	0.5	0.3	0.3	0.2	0.2	0.3	0.8	5.3
126592.7669	456379.33	FedChan	02	UB3REF	0.4	0.1	0.1	0.2	0.1	0.17	0.7	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.5	3.0
129648.4174	447752.54	FedChan	02	UBREF-COMP-SED	0.4	0.1	0.2	0.2	0.1	0.19	0.8	0.1	0.1	0.3	0.2	0.1	0.2	0.1	0.2	0.5	3.4
169321.3256	445054.22	FedChan	05	BR-COMP	1.5	1.9	1.7	1.3	2	2	7.2	1.7	1.5	2.1	1.5	2.1	1.5	1.9	3.4	21.0	
169576.9186	447476.23	FedChan	05	BR1	1.5	2.0	2.7	2.0	1.4	1.1	7.3	1.7	1.5	2.5	1.9	1.6	1.6	1.9	3.5	21.0	
169321.3256	445054.22	FedChan	05	BR2	1.4	1.7	5.0	1.8	1.2	1.9	6.5	1.5	1.3	1.4	2.2	1.9	1.4	3.0	1.2	1.3	19.0
169914.8778	444002.69	FedChan	05	BR3	1.7	2.2	4.8	2.2	1.5	2.3	8.2	1.9	1.7	1.7	2.7	2.4	1.8	3.8	1.5	1.7	24.0
170474.5943	442140.99	FedChan	05	BRA-COMP	1.6	2.0	1.8	2.1	1.4	2.2	7.6	1.8	1.6	1.6	2.5	2.2	1.6	3.5	1.4	1.6	22.0
170435.5768	442797.68	FedChan	05	BRA1	1.7	2.1	1.8	2.1	1.4	2.2	7.8	1.8	1.6	1.6	2.6	2.3	1.7	3.6	1.4	1.6	23.0
170474.5943	442140.99	FedChan	05	BRA2	1.6	2.0	1.8	2.1	1.4	2.2	7.6	1.8	1.6	1.6	2.5	2.3	1.8	3.5	1.4	1.6	22.0
170981.0286	442038.96	FedChan	05	BRA3	1.6	2.0	1.8	2.1	1.4	2.2	7.6	1.8	1.6	1.6	2.6	2.3	1.6	3.6	1.4	1.6	22.0
172733.272	438417.16	FedChan	05	CB-COMP	1.8	2.2	1.9	2.3	1.5	2.4	8.3	2.0	1.7	1.7	2.8	2.5	1.8	3.9	1.5	1.7	24.0
172843.1798	438569.18	FedChan	05	CB1	1.8	2.2	1.9	2.3	1.5	2.4	8.3	2.0	1.7	1.7	4.7	2.5	2.4	3.9	1.5	1.7	24.0
172733.272	438417.16	FedChan	05	CB2	2.1	2.7	12.0	2.7	1.8	2.9	10.0	2.4	2.1	2.1	3.3	3.0	2.1	4.7	1.8	2.6	4.7
172724.3414	436936.25	FedChan	05	CB3	1.6	2.0	6.3	2.1	1.4	2.2	7.6	1.8	1.6	1.6	2.5	2.3	1.6	3.5	1.4	1.6	22.0
171394.6697	436286.08	FedChan	05	CC-COMP	1.8	2.3	7.4	8.0	1.6	2.5	8.8	2.1	2.4	1.8	3.3	2.6	6.5	4.1	1.6	1.8	26.0
172379.2499	436286.08	FedChan	05	CC1	19.0	3.7	24.0	11.0	1.5	2.9	8.0	1.7	1.7	37.0	8.5	7.8	3.7	1.9	3.8	23.0	
171394.6697	436286.08	FedChan	05	CC2	18.0	9.7	28.0	13.0	1.6	2.5	8.6	2.0	2.4	1.8	27.0	2.5	8.5	4.0	1.6	2.3	4.1
170581.4572	436482.73	FedChan	05	CC3	2.2	6.2	30.0	6.9	1.9	2.9	10.0	2.4	2.4	2.2	3.4	3.0	8.0	4.8	1.9	2.1	4.9
169833.5816	437197.43	FedChan	05	CC4	0.8	20.0	32.0	17.0	0.7	12	3.6	18.0	7.0	0.8	37.0	19.0	0.8	68.0	0.7	2.7	17.0
174193.8949	440053.33	FedChan	05	DDE-COMP	1.0	1.2	6.6	1.3	0.9	1.3	4.6	1.1	1.0	1.0	1.6	1.4	1.0	2.2	0.8	1.0	1.2
173765.1816	439797.92	FedChan	05	DDE1	1.6	2.0	8.9	5.7	1.4	2.1	7.4	1.7	1.5	1.6	2.5	2.2	1.6	3.4	1.3	1.5	22.0
174193.8949	440053.33	FedChan	05	DDE2	1.8	2.2	18.0	2.3	1.5	2.4	8.4	2.0	1.7	1.8	2.8	2.5	1.8	3.9	1.5	1.7	4.0
174533.8689	440322.11	FedChan	05	DDE3	0.8	1.0	5.1	1.1	1.1	1.1	3.9	0.9	0.8	0.8	1.3	1.1	0.8	1.8	0.7	0.8	11.0
175268.6685	439637.82	FedChan	05	DDW-COMP	0.3	1.0	0.3	0.4	0.3	0.4	1.4	0.3	0.3	0.3	0.5	0.4	0.6	0.7	0.3	0.3	4.0
174825.9953	439547.96	FedChan	05	DDW1	0.3	0.6	0.3	0.4	0.3	0.4	1.4	0.3	0.3	0.3	0.5	0.4	0.5	0.7	0.3	0.3	4.2
175268.6685	439637.82	FedChan	05	DDW2	0.3	0.7	0.3	0.4	0.3	0.39	1.4	0.3	0.3	0.3	0.5	0.4	0.6	0.6	0.4	0.4	0.6
174806.0949	440004.18	FedChan	05	DDW3	0.2	0.8	0.3	0.3	0.2	0.32	1.1	0.3	0.2	0.2	0.4	0.3	1.4	0.5	0.2	0.3	3.2
176503.6815	435960.48	FedChan	05	FB1	2.1	2.9	14.0	2.7	1.8	2.8	9.8	2.3	2.0	2.0	3.3	2.9	2.0	2.6	1.8	2.6	4.6
176399.9916	435123.71	FedChan	05	FB2	1.9	3.7	23.0	1.5	1.7	2.6	9.1	1.9	1.9	2.0	2.7	2.1	4.2	1.9	2.4	4.3	26.0
174668.7551	438810.61	FedChan	05	FTM-COMP	1.8	2.3	2.0	2.3	1.6	2.5	8.6	2.0	1.8	1.8	2.9	2.5	1.8	4.0	1.6	1.8	2.4
171852.1409	440913.03	FedChan	05	FTM1	1.8	2.3	2.0	2.3	1.6	2.4	8.4	2.0	1.8	1.8	2.8	2.5	1.8	3.9	1.5	1.8	2.4
174668.7551	438810.61	FedChan	05	FTM2	1.8	2.3	2.0	2.3	1.6	2.4	8.4	2.0	1.8	1.8	2.8	2.5	1.8	3.9	1.5	1.8	2.2
176085.0174	437442.71	FedChan	05	FTM3	1.9	2.4	6.9	2.5	1.7	2.6	9.1	2.1	1.9	1.9	3.0	2.7	1.9	4.2	1.6	1.9	4.3
174259.9268	439572.39	FedChan	05	HA-COMP	0.4	0.4	0.5	0.3	0.47	1.7	0.4	0.3	0.4	0.6	0.5	0.4	0.8	0.3	0.3	0.4	4.8
175569.0093	438639.29	FedChan	05	HA1	0.4	0.5	0.4	0.5	0.3	0.51	1.8	0.4	0.4	0.4	0.6	0.5	0.4	0.8	0.3	0.4	5.2
174259.9268	439572.39	FedChan	05	HA2	0.3	0.4	0.4	0.4	0.3	0.43	1.5	0.4	0.3	0.3	0.5	0.3	0.7	0.3	0.3	0.4	4.4
177548.6975	436674.87	FedChan	05	NWBE2	2.0	3.8	11.0	2.6	1.7	2.7	9.5	2.2	2.0	2.0	3.2	2.8	2.7	4.4	1.7	2.0	25.0
178248.6768	436795.3	FedChan	05	NWBE3	4.0	17.0	27.0	10.0	1.8	2.8	9.6	2.3	6.0	2.0	3.2	2.8	2.1	4.5	1.7	2.0	2.5
178539.1695	435992.89	FedChan	05	NWBW1	1.5	4.4	7.6	2.0	1.3	2.1	7.2	1.7	1.5	1.5	2.4	2.1	1.5	3.3	1.3	1.5	3.4
178985.8769	435496.56	FedChan	05	NWBW2	14.0	25.0	1.7	20.0	1.4	2.1	7.4	1.7	7.4	1.5	2.5	1.6	3.4	1.3	1.5	7.9	21.0
179003.4996	435149.5	FedChan	05	NWBW3	1.5	12.0	1.7	13.0	1.1	1.5	7.1	1.7	1.5	1.3	2.1	1.5	3.3	1.7	1.5	1.5	3.5
176436.717	438622.09	FedChan	05	SGT-COMP	0.2	0.4	0.3	0.3	0.2	0.31	1.1	0.3	0.2	0.2	0.4	0.3	0.4	0.5	0.2	0.2	3.2
176232.1962	438039.03	FedChan	05	SGT1	2.2	0.8	6.6	0.3	0.2	0.36	1.2	0.3	0.3	0.3	0.4	0.4	0.7	0.6	0.2	0.3	0.6
176436.717	438622.09	FedChan	05	SGT2	0.3	1.5	0.4	0.4	0.3	0.44	1.5	0.4	0.3	0.3	0.5	0.5	1.5	0.7	0.3	0.3	4.4
176641.7925	438559.22	FedChan	05	SGT3	0.2	0.8	0.2	0.2	0.1	0.21	0.8	0.2	0.2	0.2	0.3	0.2	0.6	0.4	0.1	0.2	2.2
177240.0387	434708.59	FedChan	05	SLP-COMP	0.3	0.9	0.3	0.4	0.3	0.42	1.5	0.4	0.3	0.3	0.5	0.4	0.8	0.7	0.3	0.3	4.3
176678.1033	434834.78	FedChan	05	SLP1	0.4	1.0	0.4	0.5	0.3	0.51</											



Table C5. s.VOCs.

		Soil Standards:																		Habitat Restoration (TELA)										MD Residential Clean-up										MD Residential Clean-up										Soil Standards:										Habitat Restoration (TELA)										MD Residential Clean-up										MD Residential Clean-up										Soil Standards:										Habitat Restoration (TELA)										MD Residential Clean-up										MD Residential Clean-up																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		1.1		2.1		3.1		4.1		5.1		6.1		7.1		8.1		9.1		10.1		11.1		12.1		13.1		14.1		15.1		16.1		17.1		18.1		19.1		20.1		21.1		22.1		23.1		24.1		25.1		26.1		27.1		28.1		29.1		30.1		31.1		32.1		33.1		34.1		35.1		36.1		37.1		38.1		39.1		40.1		41.1		42.1		43.1		44.1		45.1		46.1		47.1		48.1		49.1		50.1		51.1		52.1		53.1		54.1		55.1		56.1		57.1		58.1		59.1		60.1		61.1		62.1		63.1		64.1		65.1		66.1		67.1		68.1		69.1		70.1		71.1		72.1		73.1		74.1		75.1		76.1		77.1		78.1		79.1		80.1		81.1		82.1		83.1		84.1		85.1		86.1		87.1		88.1		89.1		90.1		91.1		92.1		93.1		94.1		95.1		96.1		97.1		98.1		99.1		100.1		101.1		102.1		103.1		104.1		105.1		106.1		107.1		108.1		109.1		110.1		111.1		112.1		113.1		114.1		115.1		116.1		117.1		118.1		119.1		120.1		121.1		122.1		123.1		124.1		125.1		126.1		127.1		128.1		129.1		130.1		131.1		132.1		133.1		134.1		135.1		136.1		137.1		138.1		139.1		140.1		141.1		142.1		143.1		144.1		145.1		146.1		147.1		148.1		149.1		150.1		151.1		152.1		153.1		154.1		155.1		156.1		157.1		158.1		159.1		160.1		161.1		162.1		163.1		164.1		165.1		166.1		167.1		168.1		169.1		170.1		171.1		172.1		173.1		174.1		175.1		176.1		177.1		178.1		179.1		180.1		181.1		182.1		183.1		184.1		185.1		186.1		187.1		188.1		189.1		190.1		191.1		192.1		193.1		194.1		195.1		196.1		197.1		198.1		199.1		200.1		201.1		202.1		203.1		204.1		205.1		206.1		207.1		208.1		209.1		210.1		211.1		212.1		213.1		214.1		215.1		216.1		217.1		218.1		219.1		220.1		221.1		222.1		223.1		224.1		225.1		226.1		227.1		228.1		229.1		230.1		231.1		232.1		233.1		234.1		235.1		236.1		237.1		238.1		239.1		240.1		241.1		242.1		243.1		244.1		245.1		246.1		247.1		248.1		249.1		250.1		251.1		252.1		253.1		254.1		255.1		256.1		257.1		258.1		259.1		260.1		261.1		262.1		263.1		264.1		265.1		266.1		267.1		268.1		269.1		270.1		271.1		272.1		273.1		274.1		275.1		276.1		277.1		278.1		279.1		280.1		281.1		282.1		283.1		284.1		285.1		286.1		287.1		288.1		289.1		290.1		291.1		292.1		293.1		294.1		295.1		296.1		297.1		298.1		299.1		300.1		301.1		302.1		303.1		304.1		305.1		306.1		307.1		308.1		309.1		310.1		311.1		312.1		313.1		314.1		315.1		316.1		317.1		318.1		319.1		320.1		321.1		322.1		323.1		324.1		325.1		326.1		327.1		328.1		329.1		330.1		331.1		332.1		333.1		334.1		335.1		336.1		337.1		338.1		339.1		340.1		341.1		342.1		343.1		344.1		345.1		346.1		347.1		348.1		349.1		350.1		351.1		352.1		353.1		354.1		355.1		356.1		357.1		358.1		359.1		360.1		361.1		362.1		363.1		364.1		365.1		366.1		367.1		368.1		369.1		370.1		371.1		372.1		373.1		374.1		375.1		376.1		377.1		378.1		379.1		380.1		381.1		382.1		383.1		384.1		385.1		386.1		387.1		388.1		389.1		390.1		391.1		392.1		393.1		394.1		395.1		396.1		397.1		398.1		399.1		400.1		401.1		402.1		403.1		404.1		405.1		406.1		407.1		408.1		409.1		410.1		411.1		412.1		413.1		414.1		415.1		416.1		417.1		418.1		419.1		420.1		421.1		422.1		423.1		424.1		425.1		426.1		427.1		428.1		429.1		430.1		431.1		432.1		433.1		434.1		435.1		436.1		437.1		438.1		439.1		440.1		441.1		442.1		443.1		444.1		445.1		446.1		447.1		448.1		449.1		450.1		451.1		452.1		453.1		454.1		455.1		456.1		457.1		458.1		459.1		460.1		461.1		462.1		463.1		464.1		465.1		466.1		467.1		468.1		469.1		470.1		471.1		472.1		473.1		474.1		475.1		476.1		477.1		478.1		479.1		480.1		481.1		482.1		483.1		484.1		485.1		486.1		487.1		488.1		489.1		490.1		491.1		492.1		493.1		494.1		495.1		496.1		497.1		498.1		499.1		500.1		501.1		502.1		503.1		504.1		505.1		506.1		507.1		508.1		509.1		510.1		511.1		512.1		513.1		514.1		515.1		516.1		517.1		518.1		519.1		520.1		521.1		522.1		523.1		524.1		525.1		526.1		527.1		528.1		529.1		530.1		531.1		532.1		533.1		534.1		535.1		536.1		537.1		538.1		539.1		540.1		541.1		542.1		543.1		544.1		545.1		546.1		547.1		548.1		549.1		550.1		551.1		552.1		553.1		554.1		555.1		556.1		557.1		558.1		559.1		560.1		561.1		562.1		563.1		564.1		565.1		566.1		567.1		568.1		569.1		570.1		571.1		572.1		573.1		574.1		575.1		576.1		577.1		578.1		579.1		580.1		581.1		582.1		583.1		584.1		585.1		586.1		587.1		588.1		589.1		590.1		591.1		592.1		593.1		594.1		595.1		596.1		597.1		598.1		599.1		600.1		601.1		602.1		603.1		604.1		605.1		606.1		607.1		608.1		609.1		610.1		611.1		612.1		613.1		614.1		615.1		616.1		617.1		618.1		619.1		620.1		621.1		622.1		623.1		624.1		625.1		626.1		627.1		628.1		629.1		630.1		631.1		632.1		633.1		634.1		635.1		636.1		637.1		638.1		639.1		640.1		641.1		642.1		643.1		644.1		645.1		646.1		647.1		648.1		649.1		650.1		651.1		652.1		653.1		654.1		655.1		656.1		657.1		658.1		659.1		660.1		661.1		662.1		663.1		664.1		665.1		666.1		667.1		668.1		669.1		670.1		671.1		672.1		673.1		674.1		675.1		676.1		677.1		678.1		679.1		680.1		681.1		682.1		683.1		684.1		685.1		686.1		687.1		688.1		689.1		690.1		691.1		692.1		693.1		694.1		695.1		696.1		697.1		698.1		699.1		700.1		701.1		702.1		703.1		704.1		705.1		706.1		707.1		708.1		709.1		710.1		711.1		712.1		713.1		714.1		715.1		716.1		717.1		718.1		719.1		720.1		721.1		722.1		723.1		724.1		725.1		726.1		727.1		728.1		729.1		730.1		731.1		732.1		733.1		734.1		735.1		736.1		737.1		738.1		739.1		740.1		741.1		742.1		743.1		744.1		745.1		746.1		747.1		748.1		749.1		750.1		751.1		752.1		753.1		754.1		755.1		756.1		757.1		758.1		759.1		760.1		761.1		762.1		763.1		764.1		765.1		766.1		767.1		768.1		769.1		770.1		771.1		772.1		773.1		774.1		775.1		776.1		777.1		778.1		779.1		780.1		781.1		782.1		783.1		784.1		785.1		786.1		787.1		788.1		789.1		790.1		791.1		792.1		793.1		794.1		795.1		796.1		797.1		798.1		799.1		800.1		801.1		802.1		803.1		804.1		805.1		806.1		807.1		808.1		809.1		810.1		811.1		812.1		813.1		814.1		815.1		816.1		817.1		818.1		819.1		820.1		821.1		822.1		823.1		824.1		825.1		826.1		827.1		828.1		829.1		830.1		831.1		832.1		833.1		834.1		835.1		836.1		837.1		838.1		839.1		840.1		841.1		842.1		843.1		844.1		845.1		846.1		847.1		848.1		849.1		850.1		851.1		852.1		853.1		854.1		855.1		856.1		857.1		858.1		859.1		860.1		861.1		862.1		863.1		864.1		865.1		866.1		867.1		868.1		869.1		870.1		871.1		872.1		873.1		874.1		875.1		876.1		877.1		878.1		879.1		880.1		881.1		882.1		883.1		884.1		885.1		886.1		887.1		888.1		889.1		890.1		891.1		892.1		893.1		894.1		895.1		896.1		897.1		898.1		899.1		900.1		901.1		902.1		903.1		904.1		905.1		906.1		907.1		908.1		909.1		910.1		911.1		912.1		913.1		914.1		915.1		916.1		917.1		918.1		919.1		920.1		921.1		922.1		923.1		924.1		925.1		926.1		927.1		928.1		929.1		930.1		931.1		932.1		933.1		934.1		935.1		936.1		937.1		938.1		939.1	



Table C6. PCBs.

Soil Standards:    **BZ 77\***    **BZ 105\***    **BZ 118\***    **BZ 126\***    **BZ 156**    **BZ 169\***  
 >OR Sed Bioaccum Humans    >0.0064    >0.021    >0.026    >0.0000062    >0.026    >0.000021

Northing	Easting	Study	Station	BZ 77*	BZ 105*	BZ 118*	BZ 126*	BZ 156	BZ 169*	TOTAL PCBs (ND=0)	TOTAL PCBs (ND=1/2MDL)
169418.3005	445558.0246	BaltCont	B10	2.911		1.435		1.64		214.954	
167406.6177	444837.5393	BaltCont	B11	3.035		1.758		0.842		79.644	
168377.1279	443579.1963	BaltCont	B12	3.101		1.822		0.914		81.585	
167707.8589	443563.6922	BaltCont	B13	3.803		2.35		1.157		115.686	
166366.7975	443633.5158	BaltCont	B14	3.579		2.186		0.978		101.353	
165144.9747	442953.5785	BaltCont	B15	4.407		2.92		0.783		120.948	
165144.9747	442953.5785	BaltCont	B15J	2.431		1.573		0.627		62.365	
164492.488	442044.6642	BaltCont	B16	6.125		3.996		0.931		152.705	
167372.5815	442591.0007	BaltCont	B17	1.287		0.745		0.249		43.412	
166864.2566	441527.9215	BaltCont	B18	3.555		2.125		0.971		93.382	
165811.7946	440765.1991	BaltCont	B19	1.197		0.8		0.375		32.476	
166700.5394	448000.7011	BaltCont	B2	3.616		2.142		1.06		110.256	
164755.9096	439305.9598	BaltCont	B20	3.489		2.122		0.803		91.561	
166269.5665	439826.5689	BaltCont	B21	4.594		2.893		0.817		123.97	
168253.5197	441823.0183	BaltCont	B22	1.899		1.377		0.712		65.154	
169368.1619	441502.7418	BaltCont	B23	5.413		3.275		1.692		152.034	
170606.6785	443010.2238	BaltCont	B24	4.948		3.045		0.971		153.967	
171085.5329	440853.113	BaltCont	B25	7.149		4.25		2.104		200.731	
172221.7593	441706.0216	BaltCont	B26	1.049		0.594		0.333		33.837	
172941.3387	441903.7017	BaltCont	B27	0.317		0.173		0.099		8.197	
174935.7746	442900.2801	BaltCont	B29	4.981		3.257		1.164		120.257	
164615.7774	447470.713	BaltCont	B3	1.427		0.071		1		37.305	
175203.1735	443858.0128	BaltCont	B30	15.98		8.985		2.568		325.695	
175691.6869	442968.0997	BaltCont	B31	11.316		8.116		2.801		343.274	
175916.4058	444561.3816	BaltCont	B32	9.743		6.437		1.678		201.139	
176283.2908	443995.8602	BaltCont	B33	11.606		7.646		1.782		314.434	
176244.0256	445230.8735	BaltCont	B34	83.266		55.76		5.845		1163.856	
176782.7908	445071.9435	BaltCont	B35	7.254		5.016		1.37		205.613	
173401.1127	441373.5846	BaltCont	B36	0.258		0.152		0.04		176.851	
174322.5801	439452.5627	BaltCont	B37	1.614		0.821		4.001		97.433	
176570.572	440038.2978	BaltCont	B38	4.853		2.895		1.986		172.19	
175823.8174	438711.3306	BaltCont	B39	3.207		1.961		1.25		117.036	
165655.551	445999.9164	BaltCont	B4	0.987		0.477		0.265		26.405	
173058.2781	439466.0874	BaltCont	B40	2.748		1.765		0.996		92.814	
173327.6288	439059.3875	BaltCont	B41	2.707		1.688		0.896		86.19	
173284.3226	438404.8006	BaltCont	B42	5.907		3.687		2.374		188.17	
172296.6895	439489.0912	BaltCont	B43	5.556		3.463		1.589		194.227	
172396.8259	437900.5774	BaltCont	B44	15.126		9.113		5.285		551.302	
172242.5179	436569.956	BaltCont	B45	13.977		9.467		7.41		513.142	
171399.9123	436413.1246	BaltCont	B46	14.935		10.038		6.812		521.533	
170677.7868	436301.292	BaltCont	B47	11.713		5.742		5.411		493.852	
169739.3611	436761.5388	BaltCont	B48	24.304		13.095		10.276		808.748	
168874.5814	436477.585	BaltCont	B49	10.689		5.969		4.067		360.499	
168314.0532	435280.1554	BaltCont	B50	5.106		2.701		1.968		167.485	
167855.1881	436098.2703	BaltCont	B51	5.585		3.345		1.61		189.347	
166836.033	435766.8652	BaltCont	B52	3.728		2.227		1.251		104.5	
175277.7894	437395.1507	BaltCont	B53	3.03		1.471		0.973		111.724	
176772.795	437256.1953	BaltCont	B54	2.729		1.511		0.18		51.483	
176635.0878	436161.1822	BaltCont	B55	2.741		1.749		1.005		93.565	
176274.4728	436203.5969	BaltCont	B56	3.017		1.753		0.678		99.508	
176332.2298	435340.194	BaltCont	B57	3.919		2.044		1.151		129.774	
176133.9886	435144.4748	BaltCont	B58	2.41		1.203		0.804		92.21	
175590.5716	434995.8354	BaltCont	B59	3.666		2.071		1.244		113.471	
170392.3295	446536.1697	BaltCont	B6	2.67		1.784		0.91		82.069	
176159.7978	434705.5889	BaltCont	B60	4.452		2.342		1.159		161.238	
176675.7958	434931.0784	BaltCont	B61	4.439		2.635		1.331		448.807	
176421.1292	434524.6198	BaltCont	B62	2.618		1.424		0.612		80.458	
176573.6468	434140.3473	BaltCont	B63	2.56		1.488		0.883		87.591	
176616.1099	433253.0837	BaltCont	B64	8.082		3.604		5.869		690.872	
176746.4147	432703.513	BaltCont	B65	12.734		5.471		8.687		902.734	
177721.3742	436328.7938	BaltCont	B67	16.566		9.148		1.863		364.076	
178925.4333	435951.7348	BaltCont	B68	5.203		3.187		1.948		172.717	
179340.6562	435710.1707	BaltCont	B69	19.564		11.747		2.389		304.923	
171649.3625	446859.8219	BaltCont	B7	5.101		3.333		0.696		113.648	
178936.0033	434873.1217	BaltCont	B70	14.223		9.774		3.467		431.137	
178605.4118	434733.1676	BaltCont	B71	24.206		12.776		10.476		1025.995	
179287.8023	434224.4547	BaltCont	B72	16.872		9.157		4.086		760.73	
179501.3954	433696.2669	BaltCont	B73	43.243		21.239		23.774		2148.244	
175282.97	451914.7237	BaltCont	B74	4.192		2.149		2.028		218.598	
175282.97	451914.7237	BaltCont	B74J	2.045		1.497		0.733		63.972	
175237.4548	449636.9354	BaltCont	B75	5.877		3.107		2.749		302.901	
176444.996	447927.0246	BaltCont	B76	7.168		4.846		2.133		198.293	
177413.7669	447489.6154	BaltCont	B77	13.02		6.556		7.168		705.941	
177293.4671	447993.7841	BaltCont	B78	5.942		3.53		1.664		153.659	
178680.8701	447937.3937	BaltCont	B79	8.491		4.992		1.67		225.246	
172017.6532	447594.1117	BaltCont	B8	4.997		3.447		0.641		114.275	
179936.0342	446395.9668	BaltCont	B80	4.668		2.211		2.588		303.087	
181313.2237	444566.8032	BaltCont	B81	6.622		3.848		1.567		177.03	
172751.5875	446558.227	BaltCont	B9	7.298		5.064		1.233		190.334	
170621.6237	440496.7314	CoxCreek	CCE-01	0.32	0.5	2.3	0.38	0.3	0.29	54.2	55.5



Soil Standards: BZ 77\* BZ 105\* BZ 118\* BZ 126\* BZ 156 BZ 169\*  
 >OR Sed Bioaccum Humans >0.0064 >0.021 >0.026 >0.0000062 >0.026 >0.000021

Northing	Easting	Study	Station	BZ 77*	BZ 105*	BZ 118*	BZ 126*	BZ 156	BZ 169*	TOTAL PCBs (ND=0)	TOTAL PCBs (ND=1/2MDL)
170839.3241	440711.4386	CoxCreek	CCE-02	0.56	3.2	12	0.68	0.52	0.51	285	287
170494.833	440803.918	CoxCreek	CCE-03	0.44	0.54	2.1	0.53	0.41	0.4	32.6	35.5
170005.7082	440903.3407	CoxCreek	CCE-04	0.85	2.4	11	0.54	1.2	0.41	155	157
169877.2107	441252.3946	CoxCreek	CCE-05	0.56	0.64	2.4	0.68	0.52	0.51	37.4	41.9
169784.5911	440961.3319	CoxCreek	CCE-06	0.41	0.65	2.6	0.49	0.38	0.37	51.3	53.7
170217.7088	441372.751	CoxCreek	CCE-07	0.57	0.91	3.1	0.68	0.53	0.51	55.4	58.8
169458.2661	441246.704	CoxCreek	CCE-08	1.2	2.1	9.5	0.67	0.51	0.5	200	201
169349.5348	440642.2399	CoxCreek	CCE-09	0.94	0.9	2.8	1.1	0.87	0.85	50.5	59.4
171755.4401	440135.3666	CoxCreek	CCE-REF	0.77	1.8	6.6	0.44	0.34	0.33	153	154
166011.667	453705.8642	FedChan_02	BE-COMP-SED	0.24	0.25	0.19	0.21	0.26	0.33	0	4.5
168324.7027	451514.1998	FedChan_02	BE-1	0.23	0.25	0.19	0.21	0.25	0.33	0	4.45
166011.667	453705.8642	FedChan_02	BE-2	0.2	0.22	0.16	0.18	0.22	0.28	0	3.86
165106.8072	456084.7673	FedChan_02	BE-3	0.25	0.27	0.2	0.22	0.27	0.35	0	4.73
164660.7629	458116.5031	FedChan_02	BE-4*	0.21	0.23	0.17	0.19	0.23	0.29	0	3.98
185299.5024	469546.625	FedChan_02	CD-COMP-SED	0.18	0.19	0.14	0.16	0.2	0.25	2.72	5.82
178065.8364	466043.4977	FedChan_02	CD-1	0.19	0.21	0.15	0.17	0.21	0.27	0	3.67
185299.5024	469546.625	FedChan_02	CD-2	0.19	0.21	0.15	0.17	0.21	0.27	0	3.68
185681.9654	470106.5122	FedChan_02	CD-3*	0.17	0.18	0.13	0.15	0.18	0.23	0	3.17
158976.6696	452280.2842	FedChan_02	CR-COMP-SED	0.25	0.27	0.2	0.23	0.27	0.35	0	4.79
157037.1967	452496.4483	FedChan_02	CR-1	0.25	0.27	0.2	0.22	0.27	0.34	2.2	6.68
158976.6696	452280.2842	FedChan_02	CR-2	0.23	0.25	0.19	0.21	0.25	0.32	2.2	6.4
160334.8584	452295.7985	FedChan_02	CR-3*	0.27	0.29	0.21	0.24	0.29	0.37	1.04	5.92
162074.413	452066.6498	FedChan_02	CRA-COMP-SED	0.24	0.26	0.19	0.21	0.26	0.33	0	4.51
161557.3198	452492.364	FedChan_02	CRA-1*	0.2	0.21	0.16	0.18	0.21	0.27	0	3.74
162074.413	452066.6498	FedChan_02	CRA-2	0.25	0.27	0.2	0.23	0.27	0.35	0	4.79
162576.2662	451851.4915	FedChan_02	CRA-3	0.25	0.27	0.2	0.23	0.28	0.36	0	4.82
163347.1968	451752.7668	FedChan_02	CRA-4	0.24	0.26	0.19	0.21	0.26	0.33	0	4.53
152349.1594	453393.4138	FedChan_02	CRE-COMP-SED	0.3	0.33	0.24	0.27	0.33	0.43	0.92	6.45
151389.0698	453692.8493	FedChan_02	CRE-1	0.31	0.34	0.25	0.28	0.34	0.44	0	5.97
152349.1594	453393.4138	FedChan_02	CRE-2	0.28	0.31	0.23	0.26	0.31	0.4	0	5.41
153985.1124	453171.7022	FedChan_02	CRE-3*	0.28	0.31	0.23	0.26	0.31	0.4	0.54	5.71
166265.413	449793.3905	FedChan_02	CRU-COMP-SED	0.22	0.24	0.17	0.2	0.24	0.31	0	4.15
164794.0214	450887.5006	FedChan_02	CRU-1*	0.23	0.25	0.19	0.21	0.25	0.32	0	4.42
166265.413	449793.3905	FedChan_02	CRU-2	0.22	0.23	0.17	0.19	0.23	0.3	0	4.11
168012.1608	448922.6074	FedChan_02	CUT-COMP-SED	0.23	0.25	0.19	0.21	0.25	0.33	0	4.46
167400.2138	448998.4111	FedChan_02	CUT-1	0.25	0.27	0.2	0.22	0.27	0.35	0	4.76
168012.1608	448922.6074	FedChan_02	CUT-2	0.24	0.26	0.2	0.22	0.27	0.34	0	4.66
167924.5613	448517.0405	FedChan_02	CUT-3*	0.21	0.22	0.16	0.18	0.22	0.29	0	3.92
159246.3566	460509.2746	FedChan_02	SWP-COMP-SED	0.26	0.28	0.21	0.24	0.28	0.37	0	4.99
157522.7431	459644.2826	FedChan_02	SWP-1	0.29	0.31	0.23	0.26	0.31	0.4	4.6	9.86
159246.3566	460509.2746	FedChan_02	SWP-2*	0.24	0.26	0.19	0.21	0.26	0.33	0	4.51
166475.9078	460335.7824	FedChan_02	TLC-COMP-SED	0.22	0.24	0.18	0.2	0.24	0.31	0.6	4.61
164340.2352	459053.946	FedChan_02	TLC-1*	0.27	0.29	0.21	0.24	0.29	0.38	0	5.12
166475.9078	460335.7824	FedChan_02	TLC-2	0.2	0.22	0.16	0.18	0.22	0.28	0	3.78
170650.6315	463684.1628	FedChan_02	TLC-3	0.16	0.18	0.13	0.15	0.18	0.23	1.08	3.99
134279.6095	449901.2592	FedChan_02	UB1REF*	0.24	0.26	0.19	0.21	0.26	0.33	3.8	8.11
129648.4174	447752.5411	FedChan_02	UB2REF	0.23	0.25	0.18	0.2	0.25	0.32	7.32	10.51
126592.7669	456379.326	FedChan_02	UB3REF	0.087	0.094	0.07	0.078	0.095	0.12	0	1.653
129648.4174	447752.5411	FedChan_02	UBREF-COMP-SED	0.15	0.16	0.12	0.13	0.16	0.2	3.32	5.848
169321.3256	445054.2199	FedChan_05	BR-COMP	0.46	0.86	2.3	0.16	0.12	0.12	55.6	55.9
168576.9186	447476.2277	FedChan_05	BR1	0.2	0.7	1.7	0.17	0.13	0.12	37.8	38.1
169321.3256	445054.2199	FedChan_05	BR2	0.49	0.75	2.2	0.15	0.11	0.11	53.4	53.6
169914.8778	444002.6934	FedChan_05	BR3	0.48	0.88	2.1	0.19	0.14	0.19	50	50.2
170474.5943	442140.9933	FedChan_05	BRA-COMP	0.5	0.7	1.7	0.17	0.13	0.23	53.2	53.4
170435.5768	442797.6818	FedChan_05	BRA1	0.55	1.1	2.2	0.18	0.14	0.21	68.2	68.4
170474.5943	442140.9933	FedChan_05	BRA2	0.17	0.72	1.6	0.17	0.13	0.24	45.9	46.1
170981.0286	442038.9584	FedChan_05	BRA3	0.43	0.72	1.6	0.17	0.13	0.27	46.1	46.3
172733.272	438417.1602	FedChan_05	CB-COMP	0.45	1.3	3.7	0.19	0.15	0.15	98.1	98.2
172843.1798	438569.1823	FedChan_05	CB1	0.57	0.85	2.4	0.19	0.15	0.15	60.8	61.1
172733.272	438417.1602	FedChan_05	CB2	0.76	1.7	4.4	0.23	0.17	0.32	114	115
172724.3414	436936.2468	FedChan_05	CB3	0.4	0.93	3.7	0.17	0.13	0.13	103	103
171394.6697	436286.0809	FedChan_05	CC-COMP	0.82	1.7	8.2	0.4	0.31	0.3	243	243
172379.2499	436734.9233	FedChan_05	CC1	0.3	1.9	6.7	0.36	0.28	0.27	175	177
171394.6697	436286.0809	FedChan_05	CC2	0.2	0.86	3.9	0.19	0.15	0.15	111	111
170581.4572	436482.7318	FedChan_05	CC3	0.93	1.9	9.5	0.46	0.36	0.35	356	357
169833.5816	437197.4268	FedChan_05	CC4	0.51	2.8	7.6	0.41	1.7	0.3	239	239
174193.8949	440053.3297	FedChan_05	DDE-COMP	0.087	0.12	0.3	0.1	0.081	0.079	9.7	10.1
173765.1816	439797.9225	FedChan_05	DDE1	0.14	0.29	0.75	0.17	0.13	0.13	19.1	19.5
174193.8949	440053.3297	FedChan_05	DDE2	0.16	0.15	0.4	0.19	0.15	0.14	8.46	9.65
174533.8689	440322.1145	FedChan_05	DDE3	0.066	0.064	0.062	0.08	0.062	0.06	1.24	2.07
175268.6685	439637.8202	FedChan_05	DDW-COMP	0.68	1.1	3.1	0.16	0.12	0.12	76.9	77.2
174825.9953	439547.9622	FedChan_05	DDW1	0.6	0.79	2.8	0.16	0.13	0.12	62.9	63.2
175268.6685	439637.8202	FedChan_05	DDW2	0.51	1	2.9	0.15	0.38	0.25	71.8	72
174806.0949	440004.1776	FedChan_05	DDW3	1.4	7.7	18	0.63	3.9	0.47	308	309
176503.6815	435960.4753	FedChan_05	FB1	1.3	1.9	5.4	0.22	1.4	0.33	135	135
176399.9916	435123.714	FedChan_05	FB2	0.95	1.8	4.4	0.21	0.16	0.3	122	122
174668.7551	438810.6113	FedChan_05	FTM-COMP	0.56	1.3	2.7	0.19	0.15	0.18	69	69.2
171852.1409	440913.0303	FedChan_05	FTM1	0.25	0.95	2.6	0.19	0.15	0.14	63.4	63.9
174668.7551	438810.6113	FedChan_05	FTM2	0.82	1.2	2.8	0.19	0.15	0.3	181	181
176085.0174	437442.7116	FedChan_05	FTM3	0.65	1.2	3.3	0.2	0.16	0.2	91.1	91.3
174259.9268	439572.3888	FedChan_05	HA-COMP	0.89	1.1	2.9	0.19	0.14	0.16	79.3	79.5
175569.0093	438639.2893	FedChan_05	HA1	0.91	1.4	4.1	0.2	0.16	0.19	104	104
174259.9268	439572.3888	FedChan_05	HA2	0.65	0.77	1.8	0.17	0.13	0.13	52.2	52.5
177548.6975	436674.8747	FedChan_05	NWBE-COMP	1.1	2.5	7.4	0.21	0.16	0.16	164	164

Soil Standards: BZ 77\* BZ 105\* BZ 118\* BZ 126\* BZ 156 BZ 169\*  
 >OR Sed Bioaccum Humans >0.0064 >0.021 >0.026 >0.0000062 >0.026 >0.000021

Northing	Easting	Study	Station	BZ 77*	BZ 105*	BZ 118*	BZ 126*	BZ 156	BZ 169*	TOTAL PCBs (ND=0)	TOTAL PCBs (ND=1/2MDL)
176793.6469	437043.765	FedChan_05	NWBE1	0.35	1.7	4.5	0.2	0.16	0.34	108	108
177548.6975	436674.8747	FedChan_05	NWBE2	0.92	1.7	4.8	0.21	0.72	0.16	114	114
178248.6768	436795.3042	FedChan_05	NWBE3	1.8	5.2	22	1.1	3.6	0.82	483	485
178895.8769	435496.5606	FedChan_05	NWBW-COMP	0.66	5.1	14	0.79	0.61	0.59	386	388
178539.1695	435992.8938	FedChan_05	NWBW1	0.29	1.8	4.4	0.16	0.5	0.15	104	104
178895.8769	435496.5606	FedChan_05	NWBW2	2.8	12	31	3.3	2.6	2.5	943	951
179003.4896	435149.5	FedChan_05	NWBW3	1.3	7.4	24	1.6	1.2	1.2	584	589
176436.717	438622.0864	FedChan_05	SGT-COMP	0.48	1.3	4	0.12	0.095	0.24	101	102
176232.1962	438039.0254	FedChan_05	SGT1	0.36	1.4	4.3	0.14	0.11	0.27	97.9	98.1
176436.717	438622.0864	FedChan_05	SGT2	0.87	2.2	6.3	0.17	0.13	0.41	141	142
176641.7925	438559.2245	FedChan_05	SGT3	0.43	0.23	1.2	0.085	0.066	0.064	44.5	44.7
177240.0387	434708.5885	FedChan_05	SLP-COMP	0.82	1.5	4	0.17	0.65	0.21	117	117
176678.1033	434834.7757	FedChan_05	SLP1	0.43	1.8	4.7	0.2	0.16	0.25	129	130
177240.0387	434708.5885	FedChan_05	SLP2	1.3	1.7	5	0.21	0.17	0.16	160	161
176956.1388	435360.0193	FedChan_05	SLP3	0.75	1	2.8	0.13	0.1	0.12	71.9	72
175892.9745	435999.1093	Masonville	M-B1	8.1	13	41	2.5	6.3	3.8	784	805
176099.8167	435605.4421	Masonville	M-B2	3.7	2.3	5	0.69	0.84	1.1	178	184
176106.489	435165.0689	Masonville	M-B3	3.5	0.91	8.6	0.75	1.1	1.2	280	288
175559.3584	435712.1995	Masonville	M-B5	1.6	5.4	15	1.6	2.4	0.53	347	347
175792.8898	435732.2164	Masonville	M-B6	1.5	5.6	14	1.2	2.4	0.6	324	324
176373.3817	435712.1995	Masonville	M-B7	5.1	13	30	1.6	4.1	0.79	693	694
175973.0424	435778.9227	Masonville	MSN03-JV1	0.1	2.8	6.2	0.12	0.89	0.093	131	133
176159.8674	435772.2503	Masonville	MSN03-JV2	0.37	6.5	12	0.45	3.3	0.33	378	385
176053.1103	435685.51	Masonville	MSN03-JV3	0.39	5.4	19	0.47	3.1	0.35	416	422
176066.4551	435425.2895	Masonville	MSN03-JV4	0.09	2.1	4.4	0.11	0.083	0.081	99.2	101
176026.4211	435098.3458	Masonville	MSN03-JV5	0.31	2.1	6	0.38	0.29	0.28	194	199
175919.664	435024.9502	Masonville	MSNSURF05-1-S	0.64	1.6	4.1	0.098	0.72	0.42	125	125
175586.0476	434904.8483	Masonville	MSNSURF05-2-S	1.5	2.2	5.2	0.14	0.82	1.8	130	130
175319.155	434811.4357	Masonville	MSNSURF05-3-S	0.12	0.12	6.9	0.14	1.8	0.94	99.1	99.9
175432.5842	435085.001	Masonville	MSNSURF05-4-S	0.43	4.6	11	0.51	2.1	7.7	248	249
174980.0107	439508.6765	Seagirt	EA-01/02	0.052	0.05	0.14	0.063	0.048	0.047	0.79	4.15
175392.4051	439798.0536	Seagirt	EA-03/04	0.04	0.039	0.062	0.049	0.038	0.036	0.51	3.17
175834.6699	439750.4134	Seagirt	EA-05/06	0.043	0.041	0.1	0.052	0.04	0.039	2.556	4.956
175606.5271	439613.3143	Seagirt	EA-07/08	0.046	0.044	0.043	0.055	0.042	0.041	0.542	3.692
175868.6551	439615.5089	Seagirt	EA-09/10	0.048	0.046	0.045	0.058	0.045	0.043	0.148	3.888



Table 8. Combined metals and organics.

				Soil Standards: Aluminum Antimony Arsenic Beryllium Cadmium Chromium Copper Iron Lead Manganese Mercury Nickel Selenium Silver Thallium Tin Zinc																
Habitat Reconstruction (TELS)				70000.0	3.1	20.0	16.0	3.6	70.0	310.0	40000.0	400.0	1000.0	2.3	160.0	39.0	39.0	0.6	4700.0	2300.0
MD Residential Clean-up				100000.0	41.0	20.0	200.0	51.0	310.0	4100.0	72000.0	1000.0	2000.0	31.0	2000.0	510.0	510.0	7.2	61000.0	31000.0
MD Non-Residential Clean-up																				
Metals				Aluminum	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Zinc
Station Assessment	Northing	Easting	Station Study	Aluminum	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Zinc
	169321.33	445054.22	BR-COMP FED05	0.6	20.4			88.9	58.2					0.27						337.0
	168576.92	447476.23	BR1 FED05	0.6	16.8			67.7	47.3					0.26						299.0
	169321.33	445054.22	BR2 FED05	0.5	20.1			94.2	58.8					0.24						330.0
	169914.88	444002.69	BR3 FED05	0.7	19.8			91.9	58.0					0.28						321.0
	170474.59	442140.99	BRA-COMF FED05	0.6	17.5			71.9	50.6					0.24						278.0
	170435.58	442797.68	BRA1 FED05	0.9	19.3			93.7	57.7					0.31						305.0
	170474.59	442140.99	BRA2 FED05	0.6	17.2			74.4	53.4					0.24						289.0
	170981.03	442038.96	BRA3 FED05	0.6	17.4			68.1	49.6					0.21						276.0
	172733.27	438417.16	CB-COMP FED05	0.8	23.4			102.0	77.0					0.30						244.0
	172843.18	438569.18	CB1 FED05	0.7	23.0			134.0	80.0					0.32						378.0
	172733.27	438417.16	CB2 FED05	1.5	27.3			143.0	104.0					0.41						330.0
	172724.34	436936.25	CB3 FED05	0.6	30.0			90.3	86.7					0.27						210.0
	171394.67	436286.08	CC-COMP FED05	1.7	69.8			160.0	281.0					1.10						510.0
	172379.25	436734.92	CC1 FED05	0.7	70.1			159.0	208.0					1.40						426.0
	171394.67	436286.08	CC2 FED05	1.9	76.4			157.0	238.0					1.30						454.0
	170581.46	436482.73	CC3 FED05	1.9	52.7			158.0	345.0					1.10						568.0
	169833.58	437197.43	CC4 FED05	1.9	55.9			162.0	447.0					0.88						770.0
	174193.89	440053.33	DDE-COMF FED05	0.4	10.0			68.5	45.2					0.12						147.0
	173765.18	439797.92	DDE1 FED05	0.6	13.1			86.1	53.7					0.19						199.0
	174193.89	440053.33	DDE2 FED05	1.2	22.3			165.0	111.0					0.39						367.0
	174533.87	440322.11	DDE3 FED05	0.3	7.3			43.4	27.8					0.07						71.6
	175268.67	439637.82	DDW-COM FED05	0.9	17.8			132.0	96.8					0.32						298.0
	174826	439547.96	DDW1 FED05	1.0	22.4			164.0	114.0					0.40						358.0
	175268.67	439637.82	DDW2 FED05	1.0	25.7			129.0	83.7					0.31						250.0
	174806.09	440004.18	DDW3 FED05	1.1	17.9			158.0	102.0					0.33						321.0
	176503.68	435960.48	FB1 FED05	1.0	20.2			145.0	149.0					0.43						347.0
	176399.99	435123.71	FB2 FED05	0.8	19.5			135.0	145.0					0.77						336.0
	174668.76	438810.61	FTM-COMF FED05	1.2	19.9			128.0	89.6					0.30						333.0
	171852.14	440913.03	FTM1 FED05	1.4	22.8			146.0	84.5					0.34						368.0
	174668.76	438810.61	FTM2 FED05	1.3	20.2			115.0	81.5					0.30						322.0
	176085.02	437442.71	FTM3 FED05	1.0	16.1			107.0	91.4					0.42						282.0
	174259.93	439572.39	HA-COMP FED05	0.9	19.4			124.0	86.9					0.34						297.0
	175569.01	438639.29	HA1 FED05	0.7	22.0			150.0	110.0					0.37						364.0
	174259.93	439572.39	HA2 FED05	0.6	20.9			123.0	78.2					0.26						271.0
	177548.7	436674.87	NWBE-COI FED05	1.9	30.8			235.0	327.0					0.82						428.0
	176793.65	437043.77	NWBE1 FED05	0.9	21.0			143.0	136.0					0.45						355.0
	177548.7	436674.87	NWBE2 FED05	1.0	22.1			173.0	183.0					0.47						387.0
	178248.68	436795.3	NWBE3 FED05	3.3	58.8			435.0	782.0					1.10						586.0
	178895.88	435496.56	NWBW-CO FED05	2.1	30.2			536.0	336.0					0.99						434.0
	178539.17	435992.89	NWBW1 FED05	0.8	12.7			143.0	157.0					0.38						269.0
	178895.88	435496.56	NWBW2 FED05	4.0	58.9			1060.0	631.0					2.10						656.0
	179003.49	435149.5	NWBW3 FED05	2.3	28.4			568.0	321.0					1.10						469.0
	176436.72	438622.09	SGT-COMF FED05	0.9	14.1			110.0	76.3					0.20						214.0
	176232.2	438039.03	SGT1 FED05	0.7	13.7			98.6	81.4					0.27						241.0
	176436.72	438622.09	SGT2 FED05	1.1	22.0			160.0	149.0					0.46						377.0
	176641.79	438559.22	SGT3 FED05	0.7	14.1			200.0	50.4					0.13						135.0
	177240.04	434708.59	SLP-COMF FED05	0.9	16.2			111.0	120.0					0.30						269.0
	176678.1	434834.78	SLP1 FED05	1.0	18.9			134.0	143.0					0.40						329.0
	177240.04	434708.59	SLP2 FED05	0.8	23.2			136.0	174.0					0.40						360.0
	176956.14	435360.02	SLP3 FED05	0.7	12.6			86.8	88.5					0.26						200.0
	169319.6	445074.39	BR-COMP-FED02	0.8	17.8		0.970	78.0	52.8		72.9			0.27	44.8	1.4	0.9	2.0	16.8	316.0
	168547.57	447518.15	BR-1 FED02	0.7	16.9		0.410	69.5	45.4		69.1			0.25	42.8	2.9	0.9	2.0	15.3	304.0
	169319.6	445074.39	BR-2 FED02	0.6	15.9		0.510	68.1	49.7		62.8			0.22	46.0	1.5	0.7	2.9	13.6	290.0
	169881.74	444031.66	BR-3* FED02	0.8	17.2		0.490	93.6	55.6		77.3			0.32	39.3	1.8	0.8	2.9	19.2	319.0
	170465.47	442165.53	BRA-COMF FED02	0.7	18.4		0.210	99.7	58.8		77.0			0.30	36.6	1.6	0.9	2.9	21.4	313.0
	170449.04	442891.19	BRA-1 FED02	0.8	20.1		0.360	120.0	70.6		89.7			0.38	42.5	2.1	0.9	3.5	27.0	368.0
	170465.47	442165.53	BRA-2 FED02	0.7	20.4		0.170	107.0	63.6		83.7			0.30	40.0	2.4	1.0	3.6	21.7	340.0
	170940.53	442079.48	BRA-3* FED02	0.8	19.6		0.250	98.9	61.7		81.5			0.27	40.3	2.1	1.0	1.9	20.9	338.0
	172729.4	438384.09	CB-COMP-FED02	0.9	31.0		0.960	149.0	105.0		107.0			0.56	39.2	4.2	0.7	1.7	25.7	352.0
	172827.97	439972.49	CB-1 FED02	0.7	17.4		0.390	104.0	57.8		70.2			0.29	30.3	2.3	0.8	1.7	17.9	268.0
	172729.4	438384.09	CB-2 FED02	1.2	32.8		0.720	180.0	125.0		121.0			0.49	41.3	3.6	0.8	3.2	28.0	392.0
	172729.92	436939.09	CB-3* FED02	0.6	26.2		0.540	73.9	73.6		62.7			0.41	23.9	2.9	0.1	1.9	11.8	179.0
	171574.63	436388.9	CC-COMP-FED02	1.3	54.1		1.400	165.0	285.0		218.0			0.93	42.1	5.3	0.2	4.2	37.1	511.0
	172362.54	436722.04	CC-1 FED02	1.3	63.9		1.600	182.0	237.0		220.0			0.94	39.2	4.9	0.2	4.2	42.9	486.0
	171574.63	436388.9	CC-2* FED02	1.2	67.5		0.083	195.0	268.0		225.0			1.10	42.6	5.2	0.1	4.7	39.8	508.0
	170489.12	436520.6	CC-3 FED02	1.3	47.7		1.200	153.0	304.0		219.0			0.93	41.2	3.9	0.3	4.2	35.4	507.0
	169859.58	437220.33	CC-4 FED02	1.0	37.7		1.200	94.1	303.0		161.0			0.67	31.9	3.9	0.3	2.8	21.3	468.0
	175657.83	435081	FB-COMP-FED02	0.9	17.2		1.000	119.0	120.0		92.4			0.38	35.3	3.0	0.7	2.4	19.1	300.0
	176507.3	435940.32	FB-1 FED02	0.9	18.6		1.100	132.0	130.0		101.0			0.40	41.1	3.8	0.8	1.9	20.8	338.0
	175657.83	435081	FB-2* FED02	0.8	18.4		1.000	112.0	132.0		95.6			0.38	33.4	2.9	0.8	3.8	17.2	295.0
	174661.37	438812.09	FTM-COMF FED02	0.7	16.9		0.640	97.4	63.0		61.3			0.31	30.5	2.3	0.6	2.5	16.8	239.0
	171839.29	440934.68	FTM-1 FED02	0.5	20.4		0.800	108.0	56.9		64.5			0.23	32.2	3.3	0.5	1.9	17.2	247.0
	174661.37	438812.09	FTM-2 FED02	0.8	23.0		1.400	151.0												

Soil Standards:		Aluminum	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Zinc
Habitat Reconstruction (TELS)			1.0	7.2		0.7	70.0	30.0		30.0		0.13	50.0		0.7		0.048	124.0
MD Residential Clean-up		70000.0	3.1	20.0	16.0	3.6	70.0	310.0	40000.0	400.0	1000.0	2.3	160.0	39.0	39.0	0.6	4700.0	2300.0
MD Non-Residential Clean-up		100000.0	41.0	20.0	200.0	51.0	310.0	4100.0	72000.0	1000.0	2000.0	31.0	2000.0	510.0	510.0	7.2	61000.0	31000.0

Station	Metals																				
Assessment	Northing	Easting	Station	Study	Aluminum	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Zinc
	176061.11	437475.9	FTM-3*	FED02		0.7	20.9		1.100	125.0	81.6		82.8		0.31	34.1	3.5	0.7	1.2	22.2	307.0
	175373.05	437525.22	HA-COMP-	FED02		0.8	19.4		1.400	160.0	115.0		97.6		0.37	39.4	3.1	0.9	3.5	21.6	362.0
	175674.65	438671.85	HA-1*	FED02		0.9	20.7		1.700	176.0	138.0		111.0		0.43	39.3	2.9	1.0	1.8	24.9	407.0
	175373.05	437525.22	HA-2	FED02		0.9	22.8		1.600	181.0	129.0		108.0		0.38	43.6	4.2	0.9	3.1	24.1	407.0
	177250.89	436692.08	NWBE-CO1	FED02		1.6	29.3		1.600	215.0	292.0		172.0		0.64	41.4	28.4	4.9	4.0	25.5	392.0
	176660.89	437140.78	NWBE-1	FED02		1.1	19.0		1.100	128.0	123.0		97.2		0.41	33.2	2.7	0.9	2.4	20.4	326.0
	177250.89	436692.08	NWBE-2	FED02		0.9	18.8		1.100	143.0	147.0		111.0		0.56	35.0	4.7	1.1	2.8	21.3	332.0
	178257.92	436793.82	NWBE-3*	FED02		3.2	57.0		0.125	412.0	730.0		344.0		1.20	51.3	93.5	18.1	2.8	28.6	516.0
	178542	435800.17	NWBW-CO	FED02		0.9	17.3		1.500	209.0	194.0		126.0		0.39	45.1	6.1	1.6	2.1	16.9	324.0
	178542	435800.17	NWBW-2	FED02		0.7	5.5		0.330	68.3	43.0		21.7		0.24	40.0	2.0	0.1	1.5	7.5	99.4
	179010.84	435140.83	NWBW-3*	FED02		1.0	21.9		2.200	346.0	269.0		196.0		0.88	41.2	5.8	1.8	1.5	19.8	457.0
	163913.11	448555.58	B1	BaitCont					5.8	5.3		0.2	5.5	1053.8	0.00	7.6					48.2
	169418.3	445558.02	B10	BaitCont					0.006	189.2	83.8	4.8	66.6	2260.5	0.19	56.2					319.1
	167406.62	444837.54	B11	BaitCont					0.604	242.2	85.3	5.8	95.6	3414.3	0.47	81.3					491.9
	168377.13	443579.2	B12	BaitCont					0.286	285.2	84.2	6.8	93.8	3072.3	0.15	74.5					528.3
	167707.86	443563.69	B13	BaitCont					0.402	344.2	108.8	7.0	91.6	2609.5	0.28	80.7					570.7
	166366.8	443633.52	B14	BaitCont						343.0	117.3	6.5	121.4	2191.9	0.18	68.6					525.0
	165144.97	442953.58	B15	BaitCont					0.081	303.8	171.1	6.2	129.0	1298.5	0.33	74.3					559.7
	165144.97	442953.58	B15J	BaitCont						322.4	174.9	6.5	128.8	1275.7	0.14	75.6					574.0
	164492.49	442044.66	B16	BaitCont					0.339	281.1	299.1	5.5	147.2	608.2	0.14	84.3					630.4
	167372.58	442591	B17	BaitCont						123.0	54.4	2.9	20.2	1052.9	0.08	32.0					170.8
	166864.26	441527.92	B18	BaitCont						355.3	133.4	6.4	110.0	2028.3	0.11	68.8					476.9
	165811.79	440765.2	B19	BaitCont					0.065	344.0	172.5	6.5	154.4	1153.7	0.03	85.0					554.3
	166700.54	448000.7	B2	BaitCont					0.007	191.1	64.0	5.9	77.8	3167.2	0.24	72.6					440.5
	164755.91	439305.96	B20	BaitCont					0.955	197.1	161.0	4.7	111.7	404.9	0.30	67.3					458.2
	166269.57	439826.57	B21	BaitCont					0.560	252.4	200.0	5.7	113.9	465.7	0.09	73.9					499.4
	168253.52	441823.02	B22	BaitCont						197.8	63.4	4.1	52.0	1893.5	0.14	57.7					280.1
	169368.16	441502.74	B23	BaitCont						524.2	152.6	9.2	157.0	3381.3	0.52	69.7					715.0
	170606.68	443010.22	B24	BaitCont					0.082	320.7	115.5	6.8	125.2	2008.9	0.05	66.9					560.6
	171085.53	440853.11	B25	BaitCont						572.3	129.2	8.2	128.1	3965.3	0.53	68.0					582.3
	172221.76	441706.02	B26	BaitCont					0.010	67.9	25.4	0.0	38.8	452.0	0.05	11.1					108.3
	172941.34	441903.7	B27	BaitCont						51.9	12.7	0.9	11.2	426.2	0.02	4.6					69.8
	174935.77	442900.28	B29	BaitCont					9.281	1536.4	242.6	9.6	292.3	630.5	0.78	71.6					2574.7
	164615.78	447470.71	B3	BaitCont						10.4	8.4	0.3	10.1	972.1	0.05	11.9					69.4
	175203.17	443858.01	B30	BaitCont					6.542	1046.7	207.6	10.2	204.9	721.4	0.26	58.7					1762.6
	175691.69	442968.1	B31	BaitCont					7.645	1141.7	233.2	7.5	298.0	555.3	1.22	67.6					2057.9
	175916.41	444561.38	B32	BaitCont					6.631	1027.5	204.0	7.9	212.9	536.8	0.06	59.6					1720.2
	176283.29	443995.86	B33	BaitCont					5.305	719.4	190.5	6.8	186.2	363.9	0.17	55.4					1507.0
	176244.03	445230.87	B34	BaitCont					9.952	678.5	153.3	5.8	171.0	365.2	0.60	50.6					1786.0
	176782.79	445071.94	B35	BaitCont					8.345	841.3	221.3	7.2	266.4	459.6	1.58	64.6					2175.6
	173401.11	441373.58	B36	BaitCont						34.3	8.6	0.4	1.0	449.5	0.03	3.2					40.0
	174322.58	439452.56	B37	BaitCont					0.929	283.6	138.5	6.0	116.0	1363.2	0.21	58.0					459.5
	176570.57	440038.3	B38	BaitCont					17.595	235.9	331.3	2.6	179.2	309.8	0.64	42.5					565.9
	175823.82	438711.33	B39	BaitCont					1.676	271.1	155.1	5.7	96.6	1015.4	0.16	80.2					449.6
	173058.28	439466.09	B40	BaitCont					0.739	276.1	123.7	5.9	97.7	2799.7	0.33	78.5					432.6
	173327.63	439059.39	B41	BaitCont					0.655	277.0	120.8	6.0	102.1	2550.8	0.14	75.1					414.1
	173284.32	438404.8	B42	BaitCont					1.349	377.7	192.1	6.4	127.2	1934.4	0.76	80.1					505.7
	172296.69	439489.09	B43	BaitCont					1.327	458.2	158.4	7.4	136.2	3517.5	0.39	67.3					509.6
	172396.83	437900.58	B44	BaitCont					0.481	414.0	275.9	7.9	163.2	861.3	0.20	75.6					678.8
	172242.52	436569.96	B45	BaitCont					1.732	324.8	311.2	8.0	258.0	912.4	2.34	77.3					623.0
	171399.91	436413.12	B46	BaitCont					1.563	281.2	270.8	7.4	228.0	886.0	0.53	67.6					586.0
	170677.79	436301.29	B47	BaitCont					1.490	264.4	353.7	7.4	245.2	909.5	0.97	62.5					606.0
	169739.36	436761.54	B48	BaitCont					2.056	288.7	438.2	8.3	236.6	928.4	0.87	67.2					785.5
	168874.58	436477.59	B49	BaitCont					0.662	226.5	294.7	6.4	184.3	488.1	0.84	59.1					590.8
	166979.72	445680.13	B5	BaitCont					0.230	12.2	9.5	0.4	5.1	1844.2	0.01	16.8					78.9
	168314.05	435280.16	B50	BaitCont					1.793	138.6	184.4	4.1	142.6	357.0	0.12	50.0					479.9
	167855.19	436098.27	B51	BaitCont					1.951	160.4	215.3	4.5	136.1	392.3	0.19	54.4					506.6
	166836.03	435766.87	B52	BaitCont					1.836	132.2	175.9	3.8	122.1	313.2	0.20	48.0					455.9
	175277.79	437395.15	B53	BaitCont					0.444	270.7	138.3	4.9	98.5	1155.1	0.37	58.6					310.0
	176772.8	437256.2	B54	BaitCont					0.926	129.0	77.8	2.6	42.5	411.6	0.02	15.2					254.4
	176635.09	436161.18	B55	BaitCont					2.083	216.1	113.9	4.6	117.1	1332.9	0.45	83.5					478.0
	176274.47	436203.6	B56	BaitCont					0.475	193.8	131.4	5.1	92.1	1215.8	0.56	61.2					329.8
	176332.23	435340.19	B57	BaitCont					0.958	179.5	127.4	4.2	88.1	905.5	0.41	52.4					296.4
	176133.99	435144.47	B58	BaitCont					1.312	185.5	129.4	4.7	85.9	804.7	0.44	55.2					319.0
	175590.57	434995.84	B59	BaitCont					1.010	187.2	148.5	5.0	113.9	765.3	0.40	65.8					355.3
	170392.33	446536.17	B6	BaitCont					0.375	230.4	79.7	7.7	125.1	2831.4	0.41	71.5					652.3
	176159.8	434705.59	B60	BaitCont					0.823	171.8	102.1	4.9	79.1								

Soil Standards:				Aluminum	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Zinc	
Habitat Reconstruction (TELS)					1.0	7.2		0.7	70.0	30.0		30.0		0.13	50.0		0.7		0.048	124.0	
MD Residential Clean-up				70000.0	3.1	20.0	16.0	3.6	70.0	310.0	40000.0	400.0	1000.0		2.3	160.0	39.0	0.6	4700.0	2300.0	
MD Non-Residential Clean-up				100000.0	41.0	20.0	200.0	51.0	310.0	4100.0	72000.0	1000.0	2000.0		31.0	2000.0	510.0	510.0	7.2	61000.0	31000.0

Station	Metals																				
Assessment	Northing	Easting	Station	Study	Aluminum	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Zinc
	179340.66	435710.17	B69	BaltCont					3.604	672.5	532.1	5.7	1014.0	637.8	0.77	68.5					994.2
	171649.36	446859.82	B7	BaltCont					0.442	270.4	85.7	11.0	260.4	2166.4	0.56	61.0					1016.7
	178936	434873.12	B70	BaltCont					1.754	408.3	201.3	3.0	169.7	814.6	4.05	37.7					327.7
	178605.41	434733.17	B71	BaltCont					3.966	1119.3	399.7	5.1	353.1	650.0	0.00	83.2					748.4
	179287.8	434224.45	B72	BaltCont					2.561	247.2	225.4	4.4	291.9	747.0	0.72	69.9					656.2
	179501.4	433696.27	B73	BaltCont					3.493	891.7	396.0	5.0	348.6	744.7	1.29	78.6					722.7
	175282.97	451914.72	B74	BaltCont					0.851	155.0	69.1	4.5	75.7	3205.2	0.18	76.7					360.0
	175282.97	451914.72	B74J	BaltCont												0.25					
	175237.45	449636.94	B75	BaltCont					0.284	238.1	151.4	4.9	98.0	2130.8	0.32	63.1					393.2
	176445	447927.02	B76	BaltCont					3.120	321.2	179.6	4.9	179.9	1123.8	0.44	111.2					680.9
	177413.77	447489.62	B77	BaltCont					4.266	345.4	187.1	4.9	183.0	989.5	0.94	111.0					746.7
	177293.47	447993.78	B78	BaltCont					4.195	329.2	174.2	4.8	168.7	1178.1	0.65	110.0					695.4
	178680.87	447937.39	B79	BaltCont					3.918	343.7	209.0	4.8	198.5	1081.2	0.97	119.7					756.7
	172017.65	447594.11	B8	BaltCont					0.596	285.2	94.2	12.5	265.9	1331.4	0.32	49.6					1204.1
	179936.03	446395.97	B80	BaltCont					5.302	405.0	229.5	5.2	231.0	1011.1	0.26	134.9					899.7
	181313.22	444566.8	B81	BaltCont					2.729	325.9	140.0	3.9	236.7	653.6	0.65	157.7					700.5
	172751.59	446558.23	B9	BaltCont					1.085	293.8	148.2	9.5	244.2	1147.3	0.70	48.0					1414.5

Soil 1  
Habitat Reconstruct  
MD Residentia  
MD Non-Residentia

Soil Standards:	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G)HIPERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
Habitat Reconstruction (TELS)	31,000	470,000	470,000	2,300,000	220	22	220	230,000	2,200	22,000	6
MD Residential Clean-up	410,000	6,100,000	6,100,000	31,000,000	3,900	390	3,900	3,100,000	39,000	390,000	390

Station	PAH	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G)HIPERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
Northing	Station	160.0	44.0	80.0	130.0	210.0	230.0	300.0	180.0	100.0	240.0	43.0
Easting	BR-COMP	160.0	44.0	80.0	130.0	210.0	230.0	300.0	180.0	100.0	240.0	43.0
Station	BR1	91.0	32.0	45.0	83.0	120.0	140.0	170.0	130.0	63.0	150.0	29.0
169321.33	BR2	85.0	28.0	55.0	96.0	150.0	150.0	180.0	120.0	68.0	160.0	30.0
445054.22	BR3	120.0	42.0	84.0	110.0	230.0	280.0	320.0	230.0	140.0	270.0	53.0
169914.88	BRA-COMF	110.0	35.0	55.0	100.0	180.0	200.0	250.0	180.0	100.0	210.0	40.0
442140.99	BRA1	180.0	51.0	99.0	150.0	260.0	320.0	360.0	280.0	180.0	310.0	63.0
170435.58	BRA2	150.0	40.0	59.0	110.0	230.0	220.0	280.0	200.0	110.0	230.0	45.0
442140.99	BRA3	140.0	33.0	51.0	88.0	170.0	180.0	220.0	180.0	86.0	190.0	37.0
170981.03	CB-COMP	60.0	18.0	23.0	49.0	88.0	91.0	120.0	88.0	53.0	92.0	19.0
172733.27	CB1	92.0	27.0	37.0	75.0	120.0	130.0	170.0	120.0	70.0	140.0	27.0
438569.18	CB2	93.0	25.0	37.0	76.0	130.0	150.0	190.0	150.0	76.0	160.0	32.0
172733.27	CB3	50.0	16.0	16.0	44.0	77.0	79.0	110.0	74.0	36.0	88.0	17.0
436936.25	CC-COMP	25.0	8.4	15.0	31.0	62.0	68.0	110.0	63.0	43.0	82.0	15.0
171394.67	CC1	130.0	48.0	46.0	130.0	280.0	250.0	350.0	220.0	110.0	320.0	53.0
436734.92	CC2	130.0	47.0	48.0	130.0	220.0	210.0	280.0	190.0	120.0	300.0	43.0
171394.67	CC3	89.0	27.0	58.0	98.0	200.0	260.0	410.0	240.0	140.0	290.0	54.0
436482.73	CC4	55.0	17.0	33.0	75.0	150.0	160.0	260.0	140.0	99.0	220.0	32.0
169833.58	DDE-COMI	33.0	10.0	13.0	26.0	46.0	58.0	73.0	56.0	32.0	58.0	12.0
440053.33	DDE1	49.0	15.0	24.0	44.0	72.0	86.0	110.0	82.0	48.0	76.0	19.0
174193.89	DDE2	95.0	27.0	43.0	74.0	130.0	160.0	200.0	150.0	95.0	150.0	34.0
440053.33	DDE3	5.2	2.3	2.1	3.1	6.2	7.9	11.0	8.5	5.2	9.5	1.7
174533.87	DDW-COM	13.0	9.5	14.0	33.0	63.0	69.0	87.0	59.0	29.0	74.0	13.0
439637.82	DDW1	28.0	10.0	13.0	24.0	39.0	44.0	50.0	39.0	23.0	46.0	8.3
174826	DDW2	11.0	6.0	9.4	20.0	37.0	42.0	56.0	40.0	19.0	45.0	8.3
439637.82	DDW3	25.0	12.0	21.0	34.0	73.0	83.0	96.0	68.0	44.0	83.0	16.0
174806.09	FB1	60.0	20.0	29.0	71.0	120.0	130.0	170.0	130.0	75.0	140.0	30.0
435960.48	FB2	40.0	15.0	24.0	46.0	90.0	110.0	150.0	120.0	54.0	120.0	27.0
176399.99	FTM-COMF	230.0	56.0	78.0	150.0	260.0	330.0	420.0	310.0	170.0	310.0	69.0
438810.61	FTM1	140.0	42.0	58.0	110.0	210.0	280.0	310.0	200.0	150.0	210.0	52.0
171852.14	FTM2	140.0	37.0	55.0	98.0	220.0	230.0	290.0	220.0	110.0	220.0	48.0
438810.61	FTM3	140.0	42.0	54.0	110.0	240.0	260.0	350.0	240.0	150.0	250.0	53.0
176085.02	HA-COMP	34.0	11.0	14.0	31.0	48.0	53.0	62.0	48.0	29.0	59.0	10.0
439572.39	HA1	64.0	19.0	28.0	53.0	91.0	100.0	120.0	90.0	54.0	110.0	19.0
175569.01	HA2	12.0	8.7	15.0	31.0	55.0	70.0	77.0	59.0	29.0	65.0	12.0
439572.39	NWBE-COI	140.0	38.0	54.0	130.0	250.0	240.0	300.0	230.0	120.0	280.0	53.0
177548.7	NWBE1	97.0	24.0	33.0	74.0	160.0	150.0	210.0	150.0	72.0	170.0	34.0
437043.77	NWBE2	98.0	24.0	38.0	82.0	140.0	160.0	200.0	160.0	79.0	150.0	35.0
177548.7	NWBE3	140.0	45.0	82.0	240.0	400.0	370.0	460.0	320.0	180.0	540.0	79.0
436795.3	NWBW-CO	120.0	47.0	83.0	190.0	300.0	300.0	390.0	260.0	170.0	440.0	61.0
178895.88	NWBW1	59.0	18.0	31.0	69.0	120.0	130.0	180.0	140.0	72.0	150.0	30.0
435992.89	NWBW2	140.0	56.0	100.0	310.0	480.0	380.0	490.0	320.0	160.0	600.0	78.0
178895.88	NWBW3	130.0	48.0	95.0	220.0	390.0	390.0	520.0	330.0	200.0	520.0	81.0
435149.5	SGT-COMF	22.0	8.2	8.7	21.0	44.0	41.0	53.0	33.0	20.0	48.0	7.4
176436.72	SGT1	27.0	9.0	13.0	26.0	45.0	48.0	60.0	45.0	21.0	58.0	9.2
438039.03	SGT2	57.0	17.0	29.0	58.0	95.0	100.0	120.0	97.0	51.0	120.0	22.0
176436.72	SGT3	8.1	6.2	5.9	13.0	23.0	21.0	23.0	17.0	8.4	25.0	3.7
438559.22	SLP-COMF	33.0	13.0	25.0	38.0	72.0	84.0	100.0	94.0	40.0	92.0	20.0
177240.04	SLP1	44.0	16.0	28.0	45.0	93.0	110.0	140.0	120.0	63.0	120.0	24.0
434834.78	SLP2	62.0	22.0	46.0	66.0	120.0	130.0	170.0	130.0	65.0	160.0	29.0
177240.04	SLP3	35.0	14.0	24.0	40.0	77.0	85.0	110.0	85.0	44.0	94.0	17.0
435360.02	BR-COMP-	1.4	1.4	1.3	1.3	1.3	1.3	1.7	1.4	1.7	1.3	1.3
169319.6	BR-1	1.4	1.4	1.2	1.2	2.4	2.2	3.7	1.6	1.7	2.3	1.2
447518.15	BR-2	1.2	1.2	1.1	1.1	1.4	1.2	2.0	1.2	1.5	1.3	1.1
169319.6	BR-3*	1.6	1.4	1.3	1.3	2.8	2.9	5.1	2.7	1.7	2.9	1.3
444031.66	BRA-COMF	3.0	1.3	1.2	2.1	4.3	5.3	5.2	3.7	4.0	4.8	1.2
170465.47	BRA-1	1.5	1.5	1.4	1.4	3.4	4.4	7.0	3.3	1.8	4.1	1.4
442891.19	BRA-2	3.2	1.2	1.6	2.3	5.3	6.9	11.0	4.7	1.4	5.7	1.6
170465.47	BRA-3*	1.2	1.1	1.1	1.1	2.4	2.7	4.1	1.6	1.5	2.5	1.1
442079.48	CB-COMP-	1.7	1.7	1.6	1.6	1.6	1.6	2.1	1.7	2.1	1.6	1.6
172729.4	CB-1	1.4	1.4	1.2	1.2	1.7	1.4	2.1	1.4	1.7	1.3	1.2
439972.49	CB-2	2.0	2.0	1.8	1.8	2.1	1.8	2.9	2.2	2.4	1.8	1.8
172729.4	CB-3*	1.2	1.1	1.1	1.1	1.1	1.1	1.4	1.2	1.4	1.1	1.1
436939.09	CC-COMP-	1.9	1.9	1.7	1.7	2.1	1.7	3.8	1.9	2.3	3.2	1.7
171574.63	CC-1	2.1	2.1	1.9	1.9	2.9	2.3	4.7	2.1	2.5	3.1	1.9
436722.04	CC-2*	1.6	1.6	1.5	1.5	2.9	2.6	4.7	2.2	2.0	3.3	1.5
171574.63	CC-3	2.1	2.1	1.9	1.9	3.6	3.2	9.5	3.2	2.5	6.3	1.9
436520.6	CC-4	1.8	1.8	1.6	1.6	2.8	2.0	4.6	1.8	2.1	3.8	1.6
169859.58	FB-COMP-	2.5	1.7	1.9	2.3	6.5	8.5	15.0	7.3	2.1	8.9	2.4
435081	FB-1	1.7	1.7	1.6	1.6	1.6	1.6	2.2	1.8	2.1	1.6	1.6
176507.3	FB-2*	1.6	1.6	1.5	1.5	3.7	3.8	7.1	3.2	2.0	4.5	1.5
435081	FTM-COMF	1.3	1.3	1.2	1.2	2.4	2.4	4.2	1.6	1.5	2.4	1.2
438812.09	FTM-1	1.0	1.0	0.9	0.9	2.1	1.9	3.2	1.2	1.2	2.1	0.9
171839.29	FTM-2	1.4	1.4	1.3	1.3	1.5	1.3	2.2	1.4	1.7	1.3	1.3





Soil Standards  
 Habitat Reconstruction  
 MD Residential  
 MD Non-Residential

Soil Standards:	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(GH)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
Habitat Reconstruction (TELs)	6.7	5.9	47	75	22	220	230,000	2,200	108	6	
MD Residential Clean-up	31,000	470,000	470,000	2,300,000	220	22	220	230,000	2,200	22,000	22
MD Non-Residential Clean-up	410,000	6,100,000	6,100,000	31,000,000	3,900	390	3,900	3,100,000	39,000	390,000	390

PAH		2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(GH)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZO(A,H)ANTHRACENE
Station												
B69	179340.66 435710.17 B69	481.0	164.2	177.2	1577.6	1664.5	1737.7	2131.6	1311.2	1175.4	1214.8	242.7
B7	171649.36 446859.82 B7	331.4	102.3	101.6	278.3	610.7	929.3	982.2	658.0	698.3	632.6	47.5
B70	178936 434873.12 B70	366.6	258.1	255.0	422.2	1039.3	1277.3	1775.6	1385.7	970.6	1186.2	204.7
B71	178605.41 434733.17 B71	465.9	252.4	320.3	539.6	1295.7	1475.8	1716.0	1152.1	1245.7	1319.7	41.2
B72	179287.8 434224.45 B72	215.5	265.1	179.1	732.2	2576.3	2766.2	3690.2	2477.6	2174.7	3148.9	303.2
B73	179501.4 433696.27 B73	498.3	211.4	200.6	710.1	2015.1	2479.3	2962.6	1976.6	2096.4	2021.7	261.4
B74	175282.97 451914.72 B74	217.9	27.8	56.0	105.8	133.4	185.2	226.6	155.1	194.0	175.8	18.7
B74J	175282.97 451914.72 B74J	187.1	22.7	47.7	113.5	127.8	166.9	195.9	138.1	166.3	177.5	16.2
B75	175237.45 449636.94 B75	167.9	32.6	57.7	105.8	111.6	122.2	180.6	136.9	129.9	132.0	17.4
B76	176445 447927.02 B76	184.1	24.8	36.6	95.8	265.2	312.1	521.4	304.7	284.1	296.5	34.0
B77	177413.77 447489.62 B77	287.6	51.2	96.6	121.8	269.4	305.1	438.5	283.9	286.7	326.3	30.5
B78	177293.47 447993.78 B78	253.1	105.3	280.0	117.1	262.1	318.2	443.7	293.9	319.6	329.3	30.0
B79	178680.87 447937.39 B79	192.8	39.6	80.0	85.7	261.3	300.2	394.0	301.0	330.2	369.1	34.8
B8	172017.65 447594.11 B8	293.6	113.6	75.3	309.4	875.9	1410.9	1508.7	1114.7	933.0	964.8	134.5
B80	179936.03 446395.97 B80	151.3	33.9	72.1	88.1	356.8	446.9	640.1	430.1	403.1	485.7	48.5
B81	181313.22 444566.8 B81	70.4	37.4	71.3	138.5	635.3	863.4	1030.7	725.8	789.1	885.2	83.6
B9	172751.59 446558.23 B9	247.6	77.8	77.3	229.4	643.1	955.7	1109.7	809.7	757.2	717.8	98.8

Station	Northing	Easting	Station
Assessment			
	179340.66	435710.17	B69
	171649.36	446859.82	B7
	178936	434873.12	B70
	178605.41	434733.17	B71
	179287.8	434224.45	B72
	179501.4	433696.27	B73
	175282.97	451914.72	B74
	175282.97	451914.72	B74J
	175237.45	449636.94	B75
	176445	447927.02	B76
	177413.77	447489.62	B77
	177293.47	447993.78	B78
	178680.87	447937.39	B79
	172017.65	447594.11	B8
	179936.03	446395.97	B80
	181313.22	444566.8	B81
	172751.59	446558.23	B9

Soil	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
Habitat Reconstruct	113	21		35	87	153
MD Residential	310,000	310,000	220	160,000	2,300,000	230,000
MD Non-Residential	4,100,000	4,100,000	3,900	2,000,000	31,000,000	3,100,000

Soil Standards:	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	BETA-BHC	CHLORDANE (TECHNICAL)	DELTA-BHC	DIELDRIN
Habitat Reconstruction (TELS)	1.2	2.1	1.2				2.26		0.72
MD Residential Clean-up	2700	1900	1900	38	100	350	1800	490	40
MD Non-Residential Clean-up	12,000	8400	8400	170	450	1600	8200	2200	180

Station	Northing	Easting	Station	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
169321.33	445054.22	BR-COMP		480.0	80.0	150.0	430.0	270.0	370.0
168576.92	447476.23	BR1		300.0	52.0	110.0	170.0	180.0	290.0
169321.33	445054.22	BR2		310.0	77.0	100.0	230.0	180.0	250.0
169914.88	444002.69	BR3		380.0	75.0	180.0	500.0	200.0	360.0
170474.59	442140.99	BRA-COMF		340.0	65.0	150.0	220.0	230.0	350.0
170435.58	442797.68	BRA1		540.0	93.0	230.0	600.0	290.0	420.0
170474.59	442140.99	BRA2		340.0	70.0	170.0	350.0	270.0	390.0
170981.03	442038.96	BRA3		230.0	57.0	140.0	310.0	200.0	310.0
172733.27	438417.16	CB-COMP		140.0	31.0	70.0	110.0	100.0	160.0
172843.18	438569.18	CB1		220.0	48.0	100.0	190.0	160.0	230.0
172733.27	438417.16	CB2		240.0	46.0	120.0	180.0	150.0	260.0
172724.34	436936.25	CB3		150.0	29.0	60.0	74.0	92.0	170.0
171394.67	436286.08	CC-COMP		130.0	17.0	54.0	36.0	51.0	140.0
172379.25	436734.92	CC1		500.0	81.0	180.0	190.0	290.0	490.0
171394.67	436286.08	CC2		480.0	80.0	150.0	170.0	300.0	470.0
170581.46	436482.73	CC3		400.0	55.0	200.0	110.0	160.0	490.0
169833.58	437197.43	CC4		310.0	26.0	120.0	66.0	110.0	460.0
174193.89	440053.33	DDE-COMI		95.0	19.0	47.0	71.0	56.0	95.0
173765.18	439797.92	DDE1		140.0	31.0	69.0	110.0	85.0	130.0
174193.89	440053.33	DDE2		260.0	53.0	130.0	210.0	150.0	240.0
174533.87	440322.11	DDE3		15.0	3.8	6.8	8.1	12.0	15.0
175268.67	439637.82	DDW-COM		130.0	18.0	45.0	13.0	83.0	120.0
174826	439547.96	DDW1		75.0	17.0	28.0	62.0	52.0	75.0
175268.67	439637.82	DDW2		78.0	13.0	29.0	11.0	44.0	77.0
174806.09	440004.18	DDW3		120.0	20.0	54.0	50.0	72.0	110.0
176503.68	435960.48	FB1		240.0	28.0	110.0	110.0	110.0	220.0
176399.99	435123.71	FB2		190.0	28.0	100.0	73.0	90.0	180.0
174668.76	438810.61	FTM-COMF		460.0	100.0	250.0	440.0	310.0	570.0
171852.14	440913.03	FTM1		330.0	58.0	190.0	340.0	210.0	340.0
174668.76	438810.61	FTM2		290.0	68.0	180.0	300.0	210.0	370.0
176085.02	437442.71	FTM3		330.0	72.0	200.0	270.0	230.0	490.0
174259.93	439572.39	HA-COMP		95.0	19.0	35.0	75.0	65.0	94.0
175569.01	438639.29	HA1		190.0	34.0	67.0	140.0	120.0	160.0
174259.93	439572.39	HA2		110.0	15.0	43.0	12.0	66.0	120.0
177548.7	436674.87	NWBE-COI		420.0	46.0	180.0	270.0	180.0	420.0
176793.65	437043.77	NWBE1		260.0	46.0	120.0	170.0	170.0	280.0
177548.7	436674.87	NWBE2		250.0	49.0	130.0	180.0	140.0	280.0
178248.68	436795.3	NWBE3		780.0	63.0	250.0	200.0	260.0	680.0
178895.88	435496.56	NWBW-CO		750.0	63.0	210.0	170.0	230.0	550.0
178539.17	435992.89	NWBW1		240.0	38.0	110.0	94.0	110.0	220.0
178895.88	435496.56	NWBW2		950.0	82.0	250.0	210.0	280.0	770.0
179003.49	435149.5	NWBW3		970.0	62.0	260.0	180.0	290.0	720.0
176436.72	438622.09	SGT-COMF		91.0	13.0	25.0	42.0	46.0	78.0
176232.2	438039.03	SGT1		73.0	15.0	31.0	52.0	53.0	57.0
176436.72	438622.09	SGT2		210.0	31.0	72.0	96.0	110.0	140.0
176641.79	438559.22	SGT3		55.0	8.8	12.0	19.0	29.0	47.0
177240.04	434708.59	SLP-COMF		180.0	23.0	70.0	53.0	76.0	150.0
176678.1	434834.78	SLP1		210.0	30.0	84.0	65.0	92.0	180.0
177240.04	434708.59	SLP2		260.0	41.0	100.0	92.0	130.0	230.0
176956.14	435360.02	SLP3		180.0	24.0	61.0	60.0	78.0	150.0
169319.6	445074.39	BR-COMP-		1.3	1.4	1.4	1.3	1.3	1.8
168547.57	447518.15	BR-1		2.9	1.3	1.3	1.3	1.7	4.1
169319.6	445074.39	BR-2		1.5	1.2	1.2	1.1	1.1	2.1
169881.74	444031.66	BR-3*		3.9	1.4	2.1	5.3	3.0	5.2
170465.47	442165.53	BRA-COMF		6.3	1.7	3.2	11.0	4.2	7.3
170449.04	442891.19	BRA-1		5.0	1.4	2.9	4.6	2.2	5.9
170465.47	442165.53	BRA-2		8.1	1.9	4.1	9.4	4.8	9.2
170940.53	442079.48	BRA-3*		3.0	1.2	1.5	2.2	1.3	3.3
172729.4	438384.09	CB-COMP-		1.6	1.6	1.7	1.6	1.6	2.2
172827.97	439972.49	CB-1		1.3	1.3	1.3	1.3	1.2	1.8
172729.4	438384.09	CB-2		1.8	1.9	1.9	1.8	1.8	2.6
172729.4	436939.09	CB-3*		1.1	1.1	1.1	1.1	1.1	1.5
171574.63	436388.9	CC-COMP-		3.0	1.8	1.9	1.8	1.7	4.3
172362.54	436722.04	CC-1		4.1	2.0	2.0	1.9	2.6	5.6
171574.63	436388.9	CC-2*		4.5	1.5	1.6	1.5	2.4	5.4
170489.12	436520.6	CC-3		8.6	2.0	2.5	1.9	3.1	11.0
169859.58	437220.33	CC-4		2.9	1.7	1.7	1.6	1.6	3.6
175657.83	435081	FB-COMP-		10.0	1.6	5.6	1.6	5.2	14.0
176507.3	435940.32	FB-1		1.8	1.7	1.7	2.6	1.6	2.7
175657.83	435081	FB-2*		5.4	1.5	2.5	3.1	2.5	7.9
174661.37	438812.09	FTM-COMF		3.2	1.2	1.4	3.9	1.7	4.8
171839.29	440934.68	FTM-1		2.3	1.0	1.0	1.8	1.1	2.6
174661.37	438812.09	FTM-2		1.3	1.4	1.4	1.3	1.3	1.8

Station	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	BETA-BHC	CHLORDANE (TECHNICAL)	DELTA-BHC	DIELDRIN
BR-COMP	1.5	1.9	1.7	1.9	1.3	2.0	7.2	1.7	1.5
BR1	1.5	2.0	2.7	2.0	1.4	2.1	7.3	1.7	1.5
BR2	1.4	1.7	5.0	1.8	1.2	1.9	6.5	1.5	1.3
BR3	1.7	2.2	4.8	2.2	1.5	2.3	8.2	1.9	1.7
BRA-COMI	1.6	2.0	1.8	2.1	1.4	2.2	7.6	1.8	1.6
BRA1	1.7	2.1	1.8	2.1	1.4	2.2	7.8	1.8	1.6
BRA2	1.6	2.0	1.8	2.1	1.4	2.2	7.6	1.8	1.6
BRA3	1.6	2.0	1.8	2.1	1.4	2.2	7.6	1.8	1.6
CB-COMP	1.8	2.2	1.9	2.3	1.5	2.4	8.3	2.0	1.7
CB1	1.8	2.2	1.9	2.3	1.5	2.4	8.3	2.0	1.7
CB2	2.1	2.7	12.0	2.7	1.8	2.9	10.0	2.4	2.1
CB3	1.6	2.0	6.3	2.1	1.4	2.2	7.6	1.8	1.6
CC-COMP	1.8	2.3	7.4	8.0	1.6	2.5	8.8	2.1	2.4
CC1	19.0	9.7	24.0	11.0	1.5	2.3	8.0	1.9	1.7
CC2	18.0	9.7	26.0	13.0	1.6	2.5	8.6	2.0	2.4
CC3	2.2	6.2	30.0	6.9	1.9	2.9	10.0	2.4	2.4
CC4	0.8	20.0	32.0	17.0	0.7	12.0	3.6	18.0	7.9
DDE-COMI	1.0	1.2	6.6	1.3	0.9	1.3	4.6	1.1	1.0
DDE1	1.6	2.0	8.9	5.7	1.4	2.1	7.4	1.7	1.5
DDE2	1.8	2.2	18.0	2.3	1.5	2.4	8.4	2.0	1.7
DDE3	0.8	1.0	5.1	1.1	1.1	1.1	3.9	0.9	0.8
DDW-COM	0.3	1.0	0.3	0.4	0.3	0.4	1.4	0.3	0.3
DDW1	0.3	0.6	0.3	0.4	0.3	0.4	1.4	0.3	0.3
DDW2	0.3	0.7	0.3	0.4	0.3	0.4	1.4	0.3	0.3
DDW3	0.2	0.8	0.3	0.3	0.2	0.3	1.1	0.3	0.2
FB1	2.1	2.9	14.0	2.7	1.8	2.8	9.8	2.3	2.0
FB2	1.9	3.7	13.0	2.5	1.7	2.6	9.1	2.1	1.9
FTM-COMI	1.8	2.3	2.0	2.3	1.6	2.5	8.6	2.0	1.8
FTM1	1.8	2.3	2.0	2.3	1.6	2.4	8.4	2.0	1.8
FTM2	1.8	2.3	2.0	2.3	1.6	2.4	8.4	2.0	1.8
FTM3	1.9	2.4	6.9	2.5	1.7	2.6	9.1	2.1	1.9
HA-COMP	0.4	0.4	0.4	0.5	0.3	0.5	1.7	0.4	0.3
HA1	0.4	0.5	0.4	0.5	0.3	0.5	1.8	0.4	0.4
HA2	0.3	0.4	0.4	0.4	0.3	0.4	1.5	0.4	0.3
NWBE-COI	0.9	0.3	0.3	0.4	0.3	0.4	1.6	0.3	0.3
NWBE2	2.0	3.8	11.0	2.6	1.7	2.7	9.5	2.2	2.0
NWBE3	14.0	17.0	27.0	10.0	1.8	2.8	9.6	2.3	6.0
NWBW-CO	1.0	0.3	0.4	0.4	0.3	0.4	1.7	0.3	0.3
NWBW1	1.5	4.4	7.6	2.0	1.3	2.1	7.2	1.7	1.5
NWBW2	14.0	25.0	1.7	20.0	1.4	2.1	7.4	1.7	7.4
NWBW3	1.5	12.0	1.7	13.0	1.3	2.0	7.1	1.7	4.6
SGT-COMF	0.2	0.4	0.3	0.3	0.2	0.3	1.1	0.3	0.2
SGT1	2.2	0.8	6.6	0.3	0.2	0.4	1.2	0.3	0.3
SGT2	0.3	1.5	0.4	0.4	0.3	0.4	1.5	0.4	0.3
SGT3	0.2	0.8	0.2	0.2	0.1	0.2	0.8	0.2	0.2
SLP-COMF	0.3	0.9	0.3	0.4	0.3	0.4	1.5	0.4	0.3
SLP1	0.4	1.0	0.4						

Soil	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
Habitat Reconstruct	113	21		35	87	153
MD Residential	310,000	310,000	220	160,000	2,300,000	230,000
MD Non-Residential	4,100,000	4,100,000	3,900	2,000,000	31,000,000	3,100,000

Soil Standards:	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	BETA-BHC	CHLORDANE (TECHNICAL)	DELTA-BHC	DIELDRIN
Habitat Reconstruction (TELS)	1.2	2.1	1.2				2.26		0.72
MD Residential Clean-up	2700	1900	1900	38	100	350	1800	490	40
MD Non-Residential Clean-up	12,000	8400	8400	170	450	1600	8200	2200	180

Station	Northing	Easting	Station	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
176061.11	437475.9	FTM-3*		1.2	1.3	1.3	1.3	1.2	1.8
175373.05	437525.22	HA-COMP-		1.3	1.3	1.4	1.3	1.3	1.8
175674.65	438671.85	HA-1*		2.6	1.5	1.5	1.5	1.5	3.5
175373.05	437525.22	HA-2		3.0	1.4	1.9	1.4	1.7	3.7
177250.89	436692.08	NWBE-COI		8.0	1.6	3.0	3.1	3.8	9.2
176660.89	437140.78	NWBE-1		7.9	1.6	2.3	1.5	5.1	8.6
177250.89	436692.08	NWBE-2		3.8	1.6	1.7	3.2	2.2	4.5
178257.92	436793.82	NWBE-3*		15.0	1.6	4.3	3.1	4.6	19.0
178542	435800.17	NWBW-CO		6.2	1.6	2.4	1.6	3.2	9.2
178542	435800.17	NWBW-2		5.6	1.2	2.0	1.2	2.9	7.7
179010.84	435140.83	NWBW-3*		11.0	1.9	4.4	1.8	4.6	16.0
163913.11	448555.58	B1		10.9	2.0	2.2	14.1	11.4	12.1
169418.3	445558.02	B10		803.0	132.6	651.0	1078.6	589.2	769.3
167406.62	444837.54	B11		1848.7	305.2	1031.2	1927.5	1727.0	1742.3
168377.13	443579.2	B12		842.3	201.1	554.8	1172.5	903.7	844.1
167707.86	443563.69	B13		1041.5	154.5	640.8	1374.0	559.1	1002.8
166366.8	443633.52	B14		1134.0	141.0	627.1	1015.6	898.6	1125.2
165144.97	442953.58	B15		570.8	131.7	368.5	582.1	579.2	539.6
165144.97	442953.58	B15J		952.2	195.3	842.9	1003.0	1156.1	861.5
164492.49	442044.66	B16		2050.6	188.6	1324.5	970.7	1285.2	1749.1
167372.58	442591	B17		319.4	66.4	261.3	369.9	385.2	332.6
166864.26	441527.92	B18		1017.9	127.8	669.6	883.8	688.9	1007.9
165811.79	440765.2	B19		1306.4	168.0	974.3	986.2	1145.8	1231.8
166700.54	448000.7	B2		681.7	139.2	353.0	937.2	658.8	652.3
164755.91	439305.96	B20		772.3	66.1	648.3	378.9	384.2	722.8
166269.57	439826.57	B21		843.2	107.9	467.7	563.9	450.8	702.9
168253.52	441823.02	B22		669.4	90.2	443.3	612.2	698.7	627.7
169368.16	441502.74	B23		989.6	132.8	773.6	1358.1	672.9	1045.0
170606.68	443010.22	B24		2484.1	388.9	3458.8	7727.0	2042.3	2309.2
171085.53	440853.11	B25		997.3	121.4	735.5	1150.1	122.1	1040.7
172221.76	441706.02	B26		1347.2	54.2	838.8	434.9	324.8	1091.4
172941.34	441903.7	B27		84.4	9.2	63.8	113.8	52.3	77.6
174935.77	442900.28	B29		2333.4	128.9	1366.8	1402.2	619.6	2125.6
164615.78	447470.71	B3		175.6	8.9	118.3	73.3	51.7	177.6
175203.17	443858.01	B30		1527.9	138.5	1312.2	1921.8	673.3	1327.0
175691.69	442968.1	B31		2158.8	111.8	1456.9	1119.8	560.0	1843.1
175916.41	444561.38	B32		1886.1	96.2	1698.2	1089.1	658.2	1603.9
176283.29	443995.86	B33		1546.3	82.8	1085.8	726.0	491.6	1360.8
176244.03	445230.87	B34		1128.1	80.7	613.6	390.8	544.5	918.6
176782.79	445071.94	B35		1007.6	53.1	674.6	825.3	406.8	873.5
173401.11	441373.58	B36		20.0	3.7	18.4	30.8	23.5	20.6
174322.58	439452.56	B37		373.6	60.3	175.8	330.9	309.4	382.5
176570.57	440038.3	B38		920.7	73.0	419.7	165.7	460.2	845.3
175823.82	438711.33	B39		783.8	99.2	588.0	583.3	573.1	741.0
173058.28	439466.09	B40		665.5	83.9	450.9	570.5	576.8	657.3
173327.63	439059.39	B41		563.8	88.1	305.2	510.2	412.1	552.8
173284.32	438404.8	B42		598.4	85.4	433.1	491.3	530.1	617.4
172296.69	439489.09	B43		927.3	202.0	839.7	845.8	1053.7	910.5
172396.83	437900.58	B44		740.6	128.9	404.3	564.0	583.0	717.3
172242.52	436569.96	B45		1237.2	165.5	532.0	741.6	797.5	1118.0
171399.91	436413.12	B46		1204.8	115.1	509.7	554.0	672.4	1055.8
170677.79	436301.29	B47		862.0	68.8	523.5	260.9	525.5	785.7
169739.36	436761.54	B48		1770.9	106.2	1142.1	369.2	108.5	1795.5
168874.58	436477.59	B49		827.4	79.8	804.9	217.4	487.3	777.1
166979.72	445680.13	B5		95.7	16.4	45.7	80.8	85.8	79.0
168314.05	435280.16	B50		1169.0	35.4	1001.3	101.9	362.9	983.5
167855.19	436098.27	B51		701.1	36.1	452.8	115.4	251.9	617.4
166836.03	435766.87	B52		777.7	24.0	483.6	60.4	244.9	657.1
175277.79	437395.15	B53		500.6	72.6	417.4	245.8	427.1	531.0
176772.8	437256.2	B54		354.7	43.3	110.3	122.5	357.6	395.5
176635.09	436161.18	B55		698.2	161.5	386.4	413.0	1028.4	690.4
176274.47	436203.6	B56		921.5	69.8	428.8	270.8	452.7	794.3
176332.23	435340.19	B57		584.6	66.7	356.2	279.7	417.8	701.9
176133.99	435144.47	B58		344.3	21.2	268.1	133.8	194.2	388.8
175590.57	434995.84	B59		789.8	38.5	565.9	134.4	461.8	724.3
170392.33	446536.17	B6		131.1	170.9	1415.7	1992.8	950.1	1266.0
176159.8	434705.59	B60		889.6	56.6	628.7	514.6	517.1	873.1
176421.13	434524.62	B62		568.3	34.1	372.2	124.5	289.0	533.1
176573.65	434140.35	B63		701.0	53.2	357.9	150.1	437.2	645.1
176616.11	433253.08	B64		1008.8	51.5	735.0	213.8	442.6	955.7
176746.41	432703.51	B65		2030.4	72.5	1428.8	240.8	963.4	1851.2
177721.37	436328.79	B67		1126.0	64.9	578.5	276.8	561.9	1077.8
178925.43	435951.73	B68		1660.4	133.7	1316.2	883.5	1023.8	1882.8

Station	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	BETA-BHC	CHLORDANE (TECHNICAL)	DELTA-BHC	DIELDRIN
FTM-3*	0.8	0.2	0.3	0.3	0.2	0.3	1.3	0.2	0.2
HA-COMP-	0.8	0.2	0.3	0.3	0.2	0.3	1.3	0.2	0.2
HA-1*	0.9	0.3	0.3	0.3	0.3	0.4	1.5	0.2	0.3
HA-2	0.8	0.3	0.5	0.3	0.2	0.3	1.4	0.2	0.2
NWBE-1	0.9	0.3	0.3	0.3	0.3	0.4	1.6	0.2	0.3
NWBE-2	0.9	0.3	0.3	0.4	0.3	0.4	1.6	0.3	0.3
NWBE-3*	1.0	0.3	0.3	0.4	0.3	0.4	1.6	0.3	0.3
NWBW-2	0.7	0.2	0.3	0.3	0.2	0.3	1.2	0.2	0.2
NWBW-3*	1.1	0.3	0.5	0.4	0.3	0.5	1.9	0.3	0.3
B13		3.0					2.6		
B15		0.7					1.8		0.5
B2	1.4	1.3					0.7		3.6
B23	2.5	4.3					3.7		1.6
B24	4.3	3.8					4.4		2.4
B31	12.2	8.5					23.0		3.6
B32	6.9	2.9					9.7		2.0
B35	4.8						10.4		
B37	1.1	1.0					1.1		
B38	2.0						2.1		
B44	6.4	6.5					7.3		2.5
B46	6.3	6.0					13.9		4.7
B49	6.5						10.6		
B52	1.6	1.6					2.4		
B54	1.7	0.8					1.8		
B6	1.6	2.4					2.2		1.0
B62		2.5					1.5		
B67	0.9						3.5		0.5

Soil	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
Habitat Reconstruct	113	21		35	87	153
MD Residentia	310,000	310,000	220	160,000	2,300,000	230,000
MD Non-Residentia	4,100,000	4,100,000	3,900	2,000,000	31,000,000	3,100,000

Station	Northing	Easting	Station	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
179340.66	435710.17	B69		2983.1	248.4	2043.6	530.0	1166.0	2941.7
171649.36	446859.82	B7		971.2	137.9	766.2	709.4	677.0	933.9
178936	434873.12	B70		1950.7	130.5	1865.9	409.4	1104.3	2120.0
178605.41	434733.17	B71		2937.9	181.5	1397.8	411.0	1099.9	2902.1
179287.8	434224.45	B72		5698.9	346.9	3999.1	222.6	4398.8	4798.2
179501.4	433696.27	B73		4526.5	272.3	2601.9	694.5	2153.0	4323.1
175282.97	451914.72	B74		339.8	61.4	223.9	260.5	338.9	332.1
175282.97	451914.72	B74J		329.7	68.3	173.0	224.8	357.5	320.8
175237.45	449636.94	B75		257.1	60.3	244.4	175.9	294.8	254.2
176445	447927.02	B76		576.1	64.5	519.0	217.7	335.2	562.9
177413.77	447489.62	B77		599.0	67.7	399.1	341.7	370.5	581.0
177293.47	447993.78	B78		595.2	53.6	412.0	184.8	397.3	570.9
178680.87	447937.39	B79		602.9	60.9	390.3	181.8	308.1	593.5
172017.65	447594.11	B8		1157.2	128.6	1406.8	578.3	725.6	1136.5
179936.03	446395.97	B80		846.2	54.8	593.6	159.7	316.0	857.9
181313.22	444566.8	B81		1658.6	46.7	873.9	75.0	625.6	1548.1
172751.59	446558.23	B9		926.3	101.3	1171.3	425.0	543.6	930.7

Soil Standards:	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	BETA-BHC	CHLORDANE (TECHNICAL)	DELTA-BHC	DIELDRIN
Habitat Reconstruction (TELs)	1.2	2.1	1.2				2.26		0.72
MD Residential Clean-up	2700	1900	1900	38	100	350	1800	490	40
MD Non-Residential Clean-up	12,000	8400	8400	170	450	1600	8200	2200	180

Station	4,4'-DDD	4,4'-DDE	4,4'-DDT	ALDRIN	ALPHA-BHC	BETA-BHC	CHLORDANE (TECHNICAL)	DELTA-BHC	DIELDRIN
B72		9.8					11.6		
B74	1.9	2.9					0.5		1.0
B79		9.2					2.5		
B81		1.7					2.1		
B9		4.8					0.5		

Station	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE
Habitat Reconstruct						0.32				0.1
MD Residential	4700	4700	4700	2300	2300	490	140	70	39,000	580
MD Non-Residential	610,000	610,000	610,000	31,000	31,000	2200	640	310	510,000	2600

Soil Standards:	1,1,1-TRICHLOROETHANE
MD Residential Clean-up	16,000,000
MD Non-Residential Clean-up	200,000,000

Station	Assessment	Northing	Easting	Station	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE	VOC	1,1,1-TRICHLOROETHANE
169321.33		445054.22	BR-COMP		1.5	2.4	2.1	1.5	3.3	1.3	1.5	1.9	3.4	21.0		
168576.92		447476.23	BR1		1.5	2.5	2.2	1.6	3.4	1.3	1.5	1.9	3.5	21.0	BR1	1.0
169321.33		445054.22	BR2		1.4	2.2	1.9	1.4	3.0	1.2	1.3	1.7	3.1	19.0	BR2	0.9
169914.88		444002.69	BR3		1.7	2.7	2.4	1.8	3.8	1.5	1.7	2.1	3.9	24.0	BR3	1.2
170474.59		442140.99	BRA-COMF		1.6	2.5	2.2	1.6	3.5	1.4	1.6	2.0	3.6	22.0		
170435.58		442797.68	BRA1		1.6	2.6	2.3	1.7	3.6	1.4	1.6	2.1	3.7	23.0	BRA1	1.1
170474.59		442140.99	BRA2		1.6	2.5	2.3	1.8	3.5	1.4	1.6	2.0	3.6	22.0	BRA2	1.0
170981.03		442038.96	BRA3		1.6	2.6	2.3	1.6	3.6	1.4	1.6	2.0	3.6	22.0	BRA3	1.0
172733.27		438417.16	CB-COMP		1.7	2.8	2.5	1.8	3.9	1.5	1.7	2.2	3.9	24.0		
172843.18		438569.18	CB1		1.7	4.7	2.5	2.4	3.9	1.5	1.7	2.2	3.9	24.0	CB1	1.0
172733.27		438417.16	CB2		2.1	3.3	3.0	2.1	4.7	1.8	2.1	2.6	4.7	29.0	CB2	1.4
172724.34		436936.25	CB3		1.6	2.5	2.3	1.6	3.5	1.4	1.6	2.0	3.6	22.0	CB3	1.0
171394.67		436286.08	CC-COMP		1.8	3.3	2.6	6.5	4.1	1.6	1.8	2.3	4.1	26.0		
172379.25		436734.92	CC1		1.7	37.0	8.5	7.8	3.7	1.5	1.7	2.1	3.8	23.0	CC1	1.1
171394.67		436286.08	CC2		1.8	27.0	2.5	8.5	4.0	1.6	1.8	2.3	4.1	25.0	CC2	1.2
170581.46		436482.73	CC3		2.2	3.4	3.0	8.0	4.8	1.9	2.1	2.7	4.9	30.0	CC3	1.4
169833.58		437197.43	CC4		0.8	37.0	19.0	0.8	68.0	0.7	0.8	6.5	1.7	10.0	CC4	1.3
174193.89		440053.33	DDE-COMI		1.0	1.6	1.4	1.0	2.2	0.8	1.0	1.2	2.2	14.0		
173765.18		439797.92	DDE1		1.6	2.5	2.2	1.6	3.4	1.3	1.5	1.9	3.5	22.0	DDE1	1.1
174193.89		440053.33	DDE2		1.8	2.8	2.5	1.8	3.9	1.5	1.7	2.2	4.0	24.0	DDE2	1.1
174533.87		440322.11	DDE3		0.8	1.3	1.1	0.8	1.8	0.7	0.8	1.0	1.8	11.0	DDE3	0.4
175268.67		439637.82	DDW-COM		0.3	0.5	0.4	0.6	0.7	0.3	0.3	0.4	0.7	4.0		
174826		439547.96	DDW1		0.3	0.5	0.4	0.5	0.7	0.3	0.3	0.4	0.7	4.2	DDW1	0.9
175268.67		439637.82	DDW2		0.3	0.5	0.4	0.6	0.6	0.3	0.3	0.4	0.6	4.0	DDW2	1.0
174806.09		440004.18	DDW3		0.2	0.4	0.3	1.4	0.5	0.2	0.2	0.3	0.5	3.2	DDW3	0.6
176503.68		435960.48	FB1		2.0	3.3	2.9	2.5	4.5	1.8	2.0	2.6	4.6	28.0	FB1	1.4
176399.99		435123.71	FB2		1.9	3.0	2.7	2.1	4.2	1.6	1.9	2.4	4.3	26.0	FB2	1.2
174668.76		438810.61	FTM-COMF		1.8	2.9	2.5	1.8	4.0	1.6	1.8	2.2	4.0	25.0		
171852.14		440913.03	FTM1		1.8	2.8	2.5	1.8	3.9	1.5	1.8	2.2	4.0	25.0	FTM1	1.2
174668.76		438810.61	FTM2		1.8	2.8	2.5	1.8	3.9	1.5	1.8	2.2	4.0	25.0	FTM2	1.1
176085.02		437442.71	FTM3		1.9	3.0	2.7	1.9	4.2	1.6	1.9	2.4	4.3	26.0	FTM3	1.3
174259.93		439572.39	HA-COMP		0.4	0.6	0.5	0.4	0.8	0.3	0.3	0.4	0.8	4.8		
175569.01		438639.29	HA1		0.4	0.6	0.5	0.4	0.8	0.3	0.4	0.5	0.9	5.2	HA1	1.2
174259.93		439572.39	HA2		0.3	0.5	0.5	0.3	0.7	0.3	0.3	0.4	0.7	4.4	HA2	1.0
177548.7		436674.87	NWBE-COI		0.7	0.4	0.4	0.3	0.3	0.3	0.5	0.3	1.1	7.1		
176793.65		437043.77	NWBE1												NWBE1	1.2
177548.7		436674.87	NWBE2		2.0	3.2	2.8	2.7	4.4	1.7	2.0	2.5	4.5	28.0	NWBE2	1.3
178248.68		436795.3	NWBE3		2.0	3.2	2.8	2.1	4.5	1.7	2.0	2.5	4.5	28.0	NWBE3	1.3
178895.88		435496.56	NWBW-CO		0.7	0.4	0.4	0.3	0.3	0.3	0.4	0.3	1.2	7.3		
178539.17		435992.89	NWBW1		1.5	2.4	2.1	1.5	3.3	1.3	1.5	1.9	3.4	21.0	NWBW1	1.0
178895.88		435496.56	NWBW2		1.5	2.5	2.2	1.6	3.4	1.3	1.5	7.2	3.5	21.0	NWBW2	0.9
179003.49		435149.5	NWBW3		1.5	2.4	2.1	1.5	3.3	1.3	1.5	1.9	3.3	21.0	NWBW3	0.9
176436.72		438622.09	SGT-COMF		0.2	0.4	0.3	0.4	0.5	0.2	0.2	0.3	0.5	3.2		
176232.2		438039.03	SGT1		0.3	0.4	0.4	0.7	0.6	0.2	0.3	0.3	0.6	3.6	SGT1	0.9
176436.72		438622.09	SGT2		0.3	0.5	0.5	1.5	0.7	0.3	0.3	0.4	0.7	4.4	SGT2	1.0
176641.79		438559.22	SGT3		0.2	0.3	0.2	0.6	0.4	0.1	0.2	0.2	0.4	2.2	SGT3	0.6
177240.04		434708.59	SLP-COMF		0.3	0.5	0.4	0.8	0.7	0.3	0.3	0.4	0.7	4.3		
176678.1		434834.78	SLP1		0.4	0.6	0.5	0.9	0.8	0.3	0.4	0.5	0.9	5.2	SLP1	1.2
177240.04		434708.59	SLP2		0.4	0.6	0.6	0.7	0.9	0.3	0.4	0.5	0.9	5.5	SLP2	1.3
176956.14		435360.02	SLP3		0.2	0.4	0.3	0.4	0.5	0.2	0.2	0.3	0.6	3.4	SLP3	0.9
169319.6		445074.39	BR-COMP-		0.6	0.3	0.3	0.3	0.3	0.3	0.4	0.2	1.0	6.1		
168547.57		447518.15	BR-1		0.5	0.3	0.3	0.2	0.3	0.3	0.4	0.2	0.9	5.8	BR-1	8.5
169319.6		445074.39	BR-2		0.5	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.8	5.2	BR-2	7.6
169881.74		444031.66	BR-3*		0.6	0.3	0.3	0.3	0.3	0.3	0.4	0.2	1.0	6.0	BR-3*	8.9
170465.47		442165.53	BRA-COMF		0.5	0.3	0.3	0.2	0.2	0.3	0.3	0.2	0.9	5.4		
170449.04		442891.19	BRA-1		0.6	0.3	0.4	0.3	0.3	0.3	0.4	0.3	1.0	6.4	BRA-1	9.3
170465.47		442165.53	BRA-2		0.5	0.3	0.3	0.2	0.2	0.2	0.4	0.2	0.8	5.0	BRA-2	7.4
170940.53		442079.48	BRA-3*		0.5	0.3	0.3	0.2	0.2	0.2	0.5	0.2	0.8	5.2	BRA-3*	7.6
172729.4		438384.09	CB-COMP-		0.7	0.4	0.4	0.3	0.3	0.3	0.4	0.3	1.2	7.3		
172827.97		439972.49	CB-1		0.5	0.3	0.3	0.2	0.3	0.3	0.4	0.2	0.9	5.8	CB-1	8.5
172729.4		438384.09	CB-2		0.8	0.4	0.5	0.4	0.4	0.4	0.5	0.3	1.3	8.4	CB-2	12.0
172729.92		436939.09	CB-3*		0.5	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.8	4.9	CB-3*	7.2
171574.63		436388.9	CC-COMP-		0.7	0.4	0.5	0.3	0.4	0.4	0.5	0.3	1.3	8.1		
172362.54		436722.04	CC-1		0.8	0.4	0.5	0.4	0.4	0.4	0.5	0.3	1.4	8.7	CC-1	13.0
171574.63		436388.9	CC-2*		0.6	0.4	0.4	0.3	0.3	0.3	0.4	0.3	1.1	6.8	CC-2*	10.0
170489.12		436520.6	CC-3		0.8	0.5	0.5	0.4	0.4	0.4	0.5	0.3	1.4	8.8	CC-3	13.0
169859.58		437220.33	CC-4		0.7	0.4	0.4	0.3	0.3	0.4	0.5	0.3	1.2	7.5	CC-4	11.0
175657.83		435081	FB-COMP-		0.7	0.4	0.4	0.3	0.3	0.3	0.4	0.3	1.1	7.2		
176507.3		435940.32	FB-1		0.7	0.4	0.4	0.3	0.3	0.4	0.5	0.3	1.2	7.4	FB-1	11.0
175657.83		435081	FB-2*		0.6	0.3	0.4	0.3	0.3	0.3	0.4	0.3	1.1	6.8	FB-2*	10.0
174661.37		438812.09	FTM-COMF		0.5	0.3	0.3	0.2	0.2	0.3	0.3	0.2	0.9	5.4		
171839.29		440934.68	FTM-1		0.4	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.7	4.3	FTM-1	6.3
174661.37		438812.09	FTM-2		0.6	0.3	0.3	0.2	0.3	0.3	0.4	0.2	1.0	6.1	FTM-2	8.9

Soil	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE
Habitat Reconstruct						0.32				0.1
MD Residential	4700	4700	4700	2300	2300	490	140	70	39,000	580
MD Non-Residential	610,000	610,000	610,000	31,000	31,000	2200	640	310	510,000	2600

Soil Standards:	1,1,1-TRICHLOROETHANE
MD Residential Clean-up	16,000,000
MD Non-Residential Clean-up	200,000,000

Station	Northing	Easting	Station	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE
176061.11	437475.9	FTM-3*		0.5	0.3	0.3	0.2	0.3	0.3	0.4	0.2	0.9	5.8
175373.05	437525.22	HA-COMP-		0.5	0.3	0.3	0.2	0.3	0.3	0.4	0.2	0.9	5.9
175674.65	438671.85	HA-1*		0.6	0.3	0.4	0.3	0.3	0.3	0.4	0.3	1.1	6.7
175373.05	437525.22	HA-2		0.6	0.3	0.3	0.3	0.3	0.3	0.4	0.2	1.0	6.1
177250.89	436692.08	NWBE-COI											
176660.89	437140.78	NWBE-1		0.6	0.4	0.4	0.3	0.3	0.3	0.6	0.3	1.1	7.0
177250.89	436692.08	NWBE-2		0.7	0.4	0.4	0.3	0.3	0.3	0.5	0.3	1.1	7.2
178257.92	436793.82	NWBE-3*		0.7	0.4	0.4	0.3	0.3	0.3	0.5	0.3	1.2	7.3
178542	435800.17	NWBW-CO											
178542	435800.17	NWBW-2		0.5	0.3	0.3	0.2	0.2	0.3	0.3	0.2	0.9	5.4
179010.84	435140.83	NWBW-3*		0.8	0.4	0.5	0.3	0.4	0.4	0.5	0.3	1.3	8.3
163913.11	448555.58	B1											
169418.3	445558.02	B10											
167406.62	444837.54	B11											
168377.13	443579.2	B12											
167707.86	443563.69	B13					11.1				0.7		
166366.8	443633.52	B14											
165144.97	442953.58	B15											
165144.97	442953.58	B15J											
164492.49	442044.66	B16											
167372.58	442591	B17											
166864.26	441527.92	B18											
165811.79	440765.2	B19											
166700.54	448000.7	B2											
164755.91	439305.96	B20											
166269.57	439826.57	B21											
168253.52	441823.02	B22											
169368.16	441502.74	B23											
170606.68	443010.22	B24					2.9						
171085.53	440853.11	B25											
172221.76	441706.02	B26											
172941.34	441903.7	B27											
174935.77	442900.28	B29											
164615.78	447470.71	B3											
175203.17	443858.01	B30											
175691.69	442968.1	B31								2.2			
175916.41	444561.38	B32											
176283.29	443995.86	B33											
176244.03	445230.87	B34											
176782.79	445071.94	B35											
173401.11	441373.58	B36											
174322.58	439452.56	B37											
176570.57	440038.3	B38											
175823.82	438711.33	B39											
173058.28	439466.09	B40											
173327.63	439059.39	B41											
173284.32	438404.8	B42											
172296.69	439489.09	B43											
172396.83	437900.58	B44											
172242.52	436569.96	B45											
171399.91	436413.12	B46			2.1		2.2			3.3			
170677.79	436301.29	B47											
169739.36	436761.54	B48											
168874.58	436477.59	B49			0.5					1.2			
166979.72	445680.13	B5											
168314.05	435280.16	B50											
167855.19	436098.27	B51											
166836.03	435766.87	B52		0.2									
175277.79	437395.15	B53											
176772.8	437256.2	B54			2.1		1.5						
176635.09	436161.18	B55											
176274.47	436203.6	B56											
176332.23	435340.19	B57											
176133.99	435144.47	B58											
175590.57	434995.84	B59											
170392.33	446536.17	B6					0.7						
176159.8	434705.59	B60											
176421.13	434524.62	B62								0.7			
176573.65	434140.35	B63											
176616.11	433253.08	B64											
176746.41	432703.51	B65											
177721.37	436328.79	B67											
178925.43	435951.73	B68											

VOC	
Station	1,1,1-TRICHLOROETHANE
FTM-3*	8.5
HA-1*	9.8
HA-2	9.0
NWBE-1	10.0
NWBE-2	11.0
NWBE-3*	11.0
NWBW-2	7.9
NWBW-3*	12.0

Soil	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE
Habitat Reconstruct						0.32				0.1
MD Residential	4700	4700	4700	2300	2300	490	140	70	39,000	580
MD Non-Residential	610,000	610,000	610,000	31,000	31,000	2200	640	310	510,000	2600

Soil Standards:	1,1,1-TRICHLOROETHANE
MD Residential Clean-up	16,000,000
MD Non-Residential Clean-up	200,000,000

Station	Northing	Easting	Station	ENDOSULFAN I	ENDOSULFAN II	ENDOSULFAN SULFATE	ENDRIN	ENDRIN ALDEHYDE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE
Assessment													
	179340.66	435710.17	B69										
	171649.36	446859.82	B7										
	178936	434873.12	B70										
	178605.41	434733.17	B71										
	179287.8	434224.45	B72							22.0			
	179501.4	433696.27	B73										
	175282.97	451914.72	B74										
	175282.97	451914.72	B74J										
	175237.45	449636.94	B75										
	176445	447927.02	B76										
	177413.77	447489.62	B77										
	177293.47	447993.78	B78										
	178680.87	447937.39	B79		1.3		1.2				1.3		
	172017.65	447594.11	B8										
	179936.03	446395.97	B80										
	181313.22	444566.8	B81										
	172751.59	446558.23	B9										

VOC	Station	1,1,1-TRICHLOROETHANE

Soil 1

Habitat Reconstruct

MD Residentia

MD Non-Residentia

1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2-DICHLOROETHENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROETHENE	1,4-DICHLOROETHENE	2-BUTANONE (MEK)	BENZENE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE
3200	11,000	16,000,000	390,000	700,000	7000	9400	23,000	27,000	4,700,000	12,000	10,000	81,000	11,000
14,000	50,000	200,000,000	51,000,000	9,200,000	31,000	42,000	310,000	120,000	64,000,000	52,000	46,000	360,000	140,000

Station	Northing	Easting	Station	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2-DICHLOROETHENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROETHENE	1,4-DICHLOROETHENE	2-BUTANONE (MEK)	BENZENE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE
169321.33	445054.22	BR-COMP															
168576.92	447476.23	BR1		1.7	2.6	1.1	2.2	3.5	1.1	2.4	3.5	2.6	18.0	2.1	1.0	2.3	3.0
169321.33	445054.22	BR2		1.5	2.3	1.0	2.0	3.1	1.0	2.1	3.1	2.3	8.2	1.8	0.8	2.0	3.0
169914.88	444002.69	BR3		1.9	2.9	1.2	2.5	4.0	1.3	2.7	3.9	3.0	6.0	2.4	1.1	2.6	4.0
170474.59	442140.99	BRA-COMF															
170435.58	442797.68	BRA1		1.8	2.8	1.2	2.4	3.8	1.2	2.6	3.7	2.8	5.7	2.2	1.0	2.5	3.0
170474.59	442140.99	BRA2		1.7	2.6	1.1	2.3	3.5	1.2	2.4	3.5	2.6	10.0	2.1	1.0	2.3	3.0
170981.03	442038.96	BRA3		1.7	2.6	1.1	2.2	3.5	1.2	2.4	3.5	2.6	5.3	2.1	1.0	2.3	3.0
172733.27	438417.16	CB-COMP															
172843.18	438569.18	CB1		1.7	2.6	1.1	2.2	3.5	1.2	2.4	3.5	2.6	5.3	2.1	1.0	2.3	3.0
172733.27	438417.16	CB2		2.3	3.4	1.5	3.0	4.7	1.5	3.2	4.6	3.5	7.1	2.8	1.3	3.1	4.0
172724.34	436936.25	CB3		1.7	2.5	1.1	2.2	3.5	1.1	2.3	3.4	2.5	5.2	2.0	0.9	2.3	3.0
171394.67	436286.08	CC-COMP															
172379.25	436734.92	CC1		1.9	2.8	1.2	2.5	3.9	1.3	2.6	3.8	2.8	29.0	2.3	1.0	2.5	3.0
171394.67	436286.08	CC2		2.0	3.0	1.3	2.6	4.1	1.3	2.8	4.1	3.0	6.2	2.4	1.1	2.7	4.0
170581.46	436482.73	CC3		2.4	3.6	1.5	3.1	4.9	1.6	3.3	4.9	3.6	7.5	2.9	1.3	3.3	5.0
169833.58	437197.43	CC4		2.1	3.2	1.4	2.8	4.4	1.4	3.0	4.3	3.2	6.6	2.6	1.2	2.9	4.0
174193.89	440053.33	DDE-COMI															
173765.18	439797.92	DDE1		1.9	2.8	1.2	2.4	3.8	1.2	2.6	3.8	2.8	5.8	2.3	1.0	2.5	3.0
174193.89	440053.33	DDE2		1.7	2.6	1.1	2.3	3.6	1.2	2.4	3.5	2.6	5.4	2.1	1.0	2.4	3.0
174533.87	440322.11	DDE3		0.7	1.1	0.5	1.0	1.5	0.5	1.0	1.5	1.1	2.3	0.9	0.4	1.0	1.0
175268.67	439637.82	DDW-COM															
174826	439547.96	DDW1		1.5	2.3	1.0	2.0	3.2	1.0	2.2	3.1	2.3	4.8	1.9	0.9	2.1	3.0
175268.67	439637.82	DDW2		1.7	2.5	1.1	2.2	3.4	1.1	2.3	3.4	2.5	5.2	2.0	0.9	2.3	3.0
174806.09	440004.18	DDW3		1.0	1.5	0.7	1.3	2.1	0.7	1.4	2.1	1.5	3.2	1.2	0.6	1.4	2.0
176503.68	435960.48	FB1		2.2	3.4	1.4	2.9	4.6	1.5	3.1	4.6	3.4	7.0	2.7	1.2	3.0	4.0
176399.99	435123.71	FB2		2.0	3.0	1.3	2.6	4.2	1.4	2.8	4.1	3.1	6.3	2.4	1.1	2.7	4.0
174668.76	438810.61	FTM-COMF															
171852.14	440913.03	FTM1		2.0	3.0	1.3	2.6	4.1	1.3	2.8	4.0	3.0	6.2	2.4	1.1	2.7	4.0
174668.76	438810.61	FTM2		1.9	2.8	1.2	2.4	3.8	1.3	2.6	3.8	2.8	5.8	2.3	1.0	2.5	3.0
176085.02	437442.71	FTM3		2.1	3.2	1.4	2.8	4.4	1.4	3.0	4.3	3.2	6.6	2.6	1.2	2.9	4.0
174259.93	439572.39	HA-COMP															
175569.01	438639.29	HA1		2.1	3.1	1.3	2.7	4.3	1.4	2.9	4.2	3.1	6.4	2.5	1.1	2.8	4.0
174259.93	439572.39	HA2		1.6	2.5	1.0	2.1	3.4	1.1	2.3	3.3	2.5	9.7	2.0	0.9	2.2	3.0
177548.7	436674.87	NWBE-COI															
176793.65	437043.77	NWBE1		2.0	3.0	1.3	2.6	4.1	1.3	2.7	4.0	3.0	6.1	2.4	1.1	2.7	4.0
177548.7	436674.87	NWBE2		2.2	3.3	1.4	2.8	4.5	1.5	3.0	4.4	3.3	6.7	2.6	1.2	2.9	4.0
178248.68	436795.3	NWBE3		2.1	3.1	1.3	2.7	4.3	1.4	2.9	4.2	3.1	6.4	2.5	1.2	2.8	4.0
178895.88	435496.56	NWBW-CO															
178539.17	435992.89	NWBW1		1.7	2.5	1.1	2.2	3.5	1.1	2.3	3.4	2.5	5.2	2.0	0.9	2.3	3.0
178895.88	435496.56	NWBW2		1.5	2.3	1.0	2.0	3.1	1.0	2.1	3.1	2.3	4.7	1.9	0.9	2.1	3.0
179003.49	435149.5	NWBW3		1.5	2.3	1.0	2.0	3.2	1.0	2.2	3.1	2.3	4.8	1.9	0.9	2.1	3.0
176436.72	438622.09	SGT-COMF															
176232.2	438039.03	SGT1		1.5	2.3	1.0	2.0	3.1	1.0	2.1	3.0	2.3	4.7	1.8	0.8	2.0	3.0
176436.72	438622.09	SGT2		1.7	2.6	1.1	2.3	3.6	1.2	2.4	3.5	2.6	5.4	2.1	1.0	2.4	3.0
176641.79	438559.22	SGT3		1.0	1.5	0.6	1.3	2.1	0.7	1.4	2.0	1.5	3.1	1.2	0.6	1.4	2.0
177240.04	434708.59	SLP-COMF															
176678.1	434834.78	SLP1		2.0	3.1	1.3	2.7	4.2	1.4	2.8	4.1	3.1	6.4	2.5	1.1	2.8	4.0
177240.04	434708.59	SLP2		2.1	3.2	1.4	2.8	4.4	1.4	3.0	4.3	3.2	6.6	2.6	1.2	2.9	4.0
176956.14	435360.02	SLP3		1.5	2.3	1.0	2.0	3.1	1.0	2.1	3.1	2.3	4.7	1.8	0.8	2.1	3.0
169319.6	445074.39	BR-COMP-															
168547.57	447518.15	BR-1		3.6	4.3	5.6	7.1	4.3	5.3	4.9	4.7	4.6	3.2	5.6	4.8	4.4	16.0
169319.6	445074.39	BR-2		3.2	3.8	5.0	6.3	3.8	4.7	4.3	4.2	4.1	2.9	5.0	4.3	4.0	14.0
169881.74	444031.66	BR-3*		3.8	4.5	5.8	7.4	4.5	5.6	5.1	4.9	4.9	3.4	5.9	5.0	4.6	16.0
170465.47	442165.53	BRA-COMF															
170449.04	442891.19	BRA-1		4.0	4.7	6.1	7.8	4.7	5.8	5.3	5.2	5.1	3.6	6.2	5.3	4.9	17.0
170465.47	442165.53	BRA-2		3.2	3.7	4.9	6.2	3.7	4.6	4.2	4.1	4.0	2.8	4.9	4.2	3.9	14.0
170940.53	442079.48	BRA-3*		3.3	3.8	5.0	6.4	3.8	4.8	4.4	4.3	4.2	2.9	5.1	4.3	4.0	14.0
172729.4	438384.09	CB-COMP-															
172827.97	439972.49	CB-1		3.6	4.3	5.6	7.1	4.3	5.3	4.9	4.7	4.7	3.3	5.7	4.8	4.4	16.0
172729.4	438384.09	CB-2		5.2	6.2	8.0	10.0	6.2	7.7	7.0	6.8	6.7	4.7	8.2	6.9	6.4	23.0
172729.92	436939.09	CB-3*		3.1	3.6	4.7	6.1	3.6	4.5	4.1	4.0	4.0	2.8	4.8	4.1	3.8	13.0
171574.63	436388.9	CC-COMP-															
172362.54	436722.04	CC-1		5.5	6.4	8.4	11.0	6.4	8.0	7.3	7.1	7.0	4.9	8.5	7.2	6.7	24.0
171574.63	436388.9	CC-2*		4.3	5.1	6.6	8.4	5.0	6.3	5.8	5.6	5.5	3.8	6.7	5.7	5.3	19.0
170489.12	436520.6	CC-3		5.5	6.5	8.5	11.0	6.5	8.1	7.4	7.2	7.1	5.0	8.6	7.3	6.8	24.0
169859.58	437220.33	CC-4		4.7	5.5	7.2	9.2	5.5	6.9	6.3	6.1	6.0	4.2	7.3	6.2	5.7	20.0
175657.83	435081	FB-COMP-															
176507.3	435940.32	FB-1		4.7	5.5	7.1	9.1	5.5	6.8	6.2	6.1	6.0	4.2	7.2	6.2	5.7	20.0
175657.83	435081	FB-2*		4.3	5.0	6.5	8.4	5.0	6.3	5.7	5.6	5.5	3.8	6.6	5.6	5.2	18.0
174661.37	438812.09	FTM-COMF															
171839.29	440934.68	FTM-1		2.7	3.2	4.1	5.3	3.2	3.9	3.6	3.5	3.4	4.2	4.2	3.6	3.3	12.0
174661.37	438812.09	FTM-2		3.8	4.5	5.8	7.4	4.5	5.6	5.1	5.0	4.9	3.4	5.9	5.0	4.7	16.0





Soil :

Habitat Reconstruct

MD Residentia

MD Non-Residentia

1,1,1,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-BUTANONE (MEK)	BENZENE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE
3200	11,000	16,000,000	390,000	700,000	7000	9400	23,000	27,000	4,700,000	12,000	10,000	81,000	11,000
14,000	50,000	200,000,000	51,000,000	9,200,000	31,000	42,000	310,000	120,000	64,000,000	52,000	46,000	360,000	140,000

Station	Northing	Easting	Station
Assessment	179340.66	435710.17	B69
	171649.36	446859.82	B7
	178936	434873.12	B70
	178605.41	434733.17	B71
	179287.8	434224.45	B72
	179501.4	433696.27	B73
	175282.97	451914.72	B74
	175282.97	451914.72	B74J
	175237.45	449636.94	B75
	176445	447927.02	B76
	177413.77	447489.62	B77
	177293.47	447993.78	B78
	178680.87	447937.39	B79
	172017.65	447594.11	B8
	179936.03	446395.97	B80
	181313.22	444566.8	B81
	172751.59	446558.23	B9

Soil 1

Habitat Reconstruct

MD Residentia

MD Non-Residentia

CARBON TETRACHLORIDE	CHLOROETHANE	CHLOROFORM	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	ETHYLBENZENE	METHYLENE CHLORIDE	TETRACHLOROETHENE	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	VINYL CHLORIDE
4900	220,000	78,000	6400	7600	780,000	85,000	1200	630,000	160,000	6400	1600	90
22,000	990,000	1,000,000	29,000	34,000	10,000,000	380,000	5300	8,200,000	2,000,000	29,000	7200	4000

Station	Northing	Easting	Station	CARBON TETRACHLORIDE	CHLOROETHANE	CHLOROFORM	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	ETHYLBENZENE	METHYLENE CHLORIDE	TETRACHLOROETHENE	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHENE	VINYL CHLORIDE
169321.33	445054.22	BR-COMP														
168576.92	447476.23	BR1		1.0	3.6	1.0	1.1	1.0	3.5	5.0	2.9	2.2	2.5	1.0	3.3	2.5
169321.33	445054.22	BR2		0.8	3.2	0.8	1.0	0.9	3.1	4.4	2.6	2.0	2.2	0.9	2.9	2.2
169914.88	444002.69	BR3		1.1	4.1	1.1	1.2	1.1	4.0	5.7	3.3	2.6	2.8	1.2	3.7	2.8
170474.59	442140.99	BRA-COMF														
170435.58	442797.68	BRA1		1.0	3.8	1.0	1.2	1.1	3.8	10.0	3.1	2.4	2.7	1.1	3.5	2.7
170474.59	442140.99	BRA2		1.0	3.6	1.0	1.1	1.0	3.6	5.1	2.9	2.3	2.5	1.1	3.3	2.5
170981.03	442038.96	BRA3		1.0	3.6	1.0	1.1	1.0	3.5	11.0	2.9	2.2	2.5	1.1	3.3	2.5
172733.27	438417.16	CB-COMP														
172843.18	438569.18	CB1		1.0	3.6	1.0	1.1	1.0	3.5	11.0	2.9	2.3	2.5	1.1	3.3	2.5
172733.27	438417.16	CB2		1.3	4.8	1.3	1.5	1.3	4.7	14.0	3.9	3.0	3.3	1.4	4.4	3.3
172724.34	436936.25	CB3		0.9	3.5	0.9	1.1	1.0	3.5	12.0	2.9	2.2	2.4	1.0	3.2	2.5
171394.67	436286.08	CC-COMP														
172379.25	436734.92	CC1		1.0	3.9	1.0	1.2	1.1	3.9	14.0	3.2	2.5	2.7	1.1	3.6	2.7
171394.67	436286.08	CC2		1.1	4.2	1.1	1.3	1.2	4.1	18.0	3.4	2.6	2.9	1.2	3.8	2.9
170581.46	436482.73	CC3		1.3	5.0	1.3	1.5	1.4	5.0	17.0	4.1	3.1	3.5	1.5	4.6	3.5
169833.58	437197.43	CC4		1.2	4.4	1.2	1.4	1.2	4.4	16.0	3.6	2.8	3.1	1.3	4.1	3.1
174193.89	440053.33	DDE-COMI														
173765.18	439797.92	DDE1		1.0	3.9	1.0	1.2	1.1	3.8	22.0	3.2	2.4	2.7	1.1	3.6	2.7
174193.89	440053.33	DDE2		1.0	3.6	1.0	1.1	1.0	3.6	20.0	3.0	2.3	2.5	1.1	3.3	2.5
174533.87	440322.11	DDE3		0.4	1.5	0.4	0.5	0.4	1.5	12.0	1.3	1.0	1.1	0.5	1.4	1.1
175268.67	439637.82	DDW-COM														
174826	439547.96	DDW1		0.9	3.2	0.9	1.0	0.9	3.2	11.0	2.6	2.0	2.2	1.0	3.0	2.3
175268.67	439637.82	DDW2		0.9	3.5	0.9	1.1	1.0	3.4	16.0	2.8	2.2	2.4	1.0	3.2	2.4
174806.09	440004.18	DDW3		0.6	2.1	0.6	0.7	0.6	2.1	8.6	1.7	1.3	1.5	0.6	1.9	1.5
176503.68	435960.48	FB1		1.2	4.7	1.2	1.4	1.3	4.6	23.0	3.8	2.9	3.3	1.4	4.3	3.3
176399.99	435123.71	FB2		1.1	4.2	1.1	1.3	1.2	4.2	14.0	3.4	2.6	2.9	1.2	3.9	2.9
174668.76	438810.61	FTM-COMF														
171852.14	440913.03	FTM1		1.1	4.2	1.1	1.3	1.2	4.1	23.0	3.4	2.6	2.9	1.2	3.8	2.9
174668.76	438810.61	FTM2		1.0	3.9	1.0	1.2	1.1	3.9	13.0	3.2	2.4	2.7	1.1	3.6	2.7
176085.02	437442.71	FTM3		1.2	4.4	1.2	1.4	1.2	4.4	13.0	3.6	2.8	3.1	1.3	4.1	3.1
174259.93	439572.39	HA-COMP														
175569.01	438639.29	HA1		1.1	4.3	1.1	1.3	1.2	4.3	15.0	3.5	2.7	3.0	1.3	3.9	3.0
174259.93	439572.39	HA2		0.9	3.4	0.9	1.0	0.9	3.4	11.0	2.8	2.1	2.4	1.0	3.1	2.4
177548.7	436674.87	NWBE-COI														
176793.65	437043.77	NWBE1		1.1	4.1	1.1	1.3	1.1	4.1	16.0	3.4	2.6	2.9	1.2	3.8	2.9
177548.7	436674.87	NWBE2		1.2	4.5	1.2	1.4	1.3	4.5	17.0	3.7	2.8	3.1	1.3	4.1	3.2
178248.68	436795.3	NWBE3		1.2	4.3	1.2	1.3	1.2	4.3	15.0	3.5	2.7	3.0	1.3	4.0	3.0
178895.88	435496.56	NWBW-CO														
178539.17	435992.89	NWBW1		0.9	3.5	0.9	1.1	1.0	3.5	9.8	2.9	2.2	2.4	1.0	3.2	2.5
178895.88	435496.56	NWBW2		0.9	3.2	0.9	1.0	0.9	3.2	8.8	2.6	2.0	2.2	0.9	2.9	2.2
179003.49	435149.5	NWBW3		0.9	3.2	0.9	1.0	0.9	3.2	11.0	2.6	2.0	2.2	1.0	3.0	2.3
176436.72	438622.09	SGT-COMF														
176232.2	438039.03	SGT1		0.8	3.1	0.8	1.0	0.9	3.1	13.0	2.6	2.0	2.2	0.9	2.9	2.2
176436.72	438622.09	SGT2		1.0	3.6	1.0	1.1	1.0	3.6	15.0	3.0	2.3	2.5	1.1	3.3	2.5
176641.79	438559.22	SGT3		0.6	2.1	0.6	0.6	0.6	2.1	7.2	1.7	1.3	1.5	0.6	1.9	1.5
177240.04	434708.59	SLP-COMF														
176678.1	434834.78	SLP1		1.1	4.3	1.1	1.3	1.2	4.2	13.0	3.5	2.7	3.0	1.3	3.9	3.0
177240.04	434708.59	SLP2		1.2	4.5	1.2	1.4	1.2	4.4	14.0	3.6	2.8	3.1	1.3	4.1	3.1
176956.14	435360.02	SLP3		0.8	3.2	0.8	1.0	0.9	3.1	11.0	2.6	2.0	2.2	0.9	2.9	2.2
169319.6	445074.39	BR-COMP-														
168547.57	447518.15	BR-1		9.3	7.2	4.9	4.4	5.0	5.1	6.2	8.5	5.7	6.9	4.2	7.5	7.5
169319.6	445074.39	BR-2		8.3	6.4	4.3	3.9	4.5	4.6	5.5	7.6	5.1	6.2	3.8	6.7	6.7
169881.74	444031.66	BR-3*		9.8	7.5	5.1	4.6	5.2	5.3	6.5	8.9	6.0	7.2	4.4	7.9	7.9
170465.47	442165.53	BRA-COMF														
170449.04	442891.19	BRA-1		10.0	7.9	5.4	4.8	5.5	5.6	6.8	9.3	6.3	7.6	4.7	8.3	8.3
170465.47	442165.53	BRA-2		8.1	6.3	4.3	3.8	4.4	4.5	5.4	7.4	5.0	6.0	3.7	6.6	6.6
170940.53	442079.48	BRA-3*		8.4	6.5	4.4	3.9	4.5	4.6	5.6	7.7	5.1	6.2	3.8	6.8	6.8
172729.4	438384.09	CB-COMP-														
172827.97	439972.49	CB-1		9.4	7.2	4.9	4.4	5.0	5.1	6.2	8.5	5.7	6.9	4.2	7.6	7.6
172729.4	438384.09	CB-2		13.0	10.0	7.1	6.3	7.2	7.4	8.9	12.0	8.2	10.0	6.1	11.0	11.0
172729.92	436939.09	CB-3*		8.0	6.1	4.2	3.7	4.3	4.3	5.3	7.2	4.8	5.9	3.6	6.4	6.4
171574.63	436388.9	CC-COMP-														
172362.54	436722.04	CC-1		14.0	11.0	7.4	6.6	7.5	7.7	9.3	13.0	8.6	10.0	6.4	11.0	11.0
171574.63	436388.9	CC-2*		11.0	8.5	5.8	5.2	5.9	6.0	7.3	10.0	6.7	8.2	5.0	8.9	8.9
170489.12	436520.6	CC-3		14.0	11.0	7.4	6.7	7.6	7.8	9.4	13.0	8.7	11.0	6.5	11.0	11.0
169859.58	437220.33	CC-4		12.0	9.3	6.3	5.7	6.5	6.6	8.0	11.0	7.4	8.9	5.5	9.7	9.7
175657.83	435081	FB-COMP-														
176507.3	435940.32	FB-1		12.0	9.2	6.3	5.6	6.4	6.5	9.8	11.0	7.3	8.8	5.4	9.7	9.7
175657.83	435081	FB-2*		11.0	8.5	5.7	5.2	5.9	6.0	8.7	10.0	6.7	8.1	5.0	8.9	8.9
174661.37	438812.09	FTM-COMF														
171839.29	440934.68	FTM-1		6.9	5.3	3.6	3.2	3.7	3.8	4.6	6.3	4.2	5.1	3.1	5.6	5.6
174661.37	438812.09	FTM-2		9.8	7.6	5.1	4.6	5.2	5.3	6.5	8.9	6.0	7.2	4.4	7.9	7.9





Soil 1			Soil Standards:											
Habitat Reconstruct MD Residential MD Non-Residential			Habitat Reconstruction (TELS) MD Residential Clean-up MD Non-Residential Clean-up											
Station	Assessment	Station	78,000	58,000	23,000	160,000	16,000	16,000	7800	630,000	39,000	390,000	39,000	
Assessment	Northing	Easting	1,000,000	260,000	310,000	2,000,000	200,000	200,000	100,000	8,200,000	510,000	5,100,000	510,000	
Station	Assessment	Station	sVOC											
Assessment	Northing	Easting	Station	1,2,4-TRICHLORO	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLPHENOL	4-METHYLPHENOL
169321.33	445054.22	BR-COMP	BR-COMP	25.0	21.0	23.0	20.0	3100.0	13.0	17.0	26.0	19.0	27.0	63.0
168576.92	447476.23	BR1	BR1	25.0	22.0	24.0	20.0	3100.0	13.0	18.0	27.0	20.0	28.0	47.0
169321.33	445054.22	BR2	BR2	11.0	9.5	10.0	8.9	1400.0	5.8	7.9	12.0	8.8	12.0	53.0
169914.88	444002.69	BR3	BR3	28.0	24.0	26.0	23.0	3500.0	15.0	20.0	30.0	22.0	31.0	49.0
170474.59	442140.99	BRA-COMF	BRA-COMF	26.0	22.0	24.0	21.0	3200.0	14.0	18.0	27.0	20.0	29.0	190.0
170435.58	442797.68	BRA1	BRA1	27.0	23.0	25.0	22.0	3400.0	14.0	19.0	28.0	21.0	30.0	160.0
170474.59	442140.99	BRA2	BRA2	26.0	22.0	25.0	21.0	3300.0	14.0	19.0	28.0	21.0	29.0	160.0
170981.03	442038.96	BRA3	BRA3	27.0	22.0	25.0	21.0	3300.0	14.0	19.0	28.0	21.0	29.0	220.0
172733.27	438417.16	CB-COMP	CB-COMP	29.0	24.0	27.0	23.0	3600.0	15.0	20.0	30.0	22.0	32.0	32.0
172843.18	438569.18	CB1	CB1	29.0	24.0	27.0	23.0	3600.0	15.0	20.0	30.0	23.0	32.0	73.0
172733.27	438417.16	CB2	CB2	35.0	29.0	32.0	28.0	4300.0	18.0	24.0	36.0	27.0	38.0	38.0
172724.34	436936.25	CB3	CB3	26.0	22.0	25.0	21.0	3300.0	14.0	19.0	28.0	21.0	29.0	29.0
171394.67	436286.08	CC-COMP	CC-COMP	30.0	26.0	28.0	24.0	3800.0	16.0	21.0	32.0	24.0	34.0	57.0
172379.25	436734.92	CC1	CC1	28.0	24.0	26.0	22.0	3400.0	14.0	20.0	29.0	22.0	31.0	64.0
171394.67	436286.08	CC2	CC2	30.0	25.0	28.0	24.0	3700.0	15.0	21.0	31.0	23.0	33.0	110.0
170581.46	436482.73	CC3	CC3	36.0	30.0	33.0	28.0	4400.0	18.0	25.0	37.0	28.0	39.0	39.0
169833.58	437197.43	CC4	CC4	31.0	26.0	29.0	25.0	3900.0	16.0	22.0	33.0	24.0	34.0	35.0
174193.89	440053.33	DDE-COMI	DDE-COMI	16.0	14.0	15.0	13.0	2000.0	8.3	11.0	17.0	13.0	18.0	27.0
173765.18	439797.92	DDE1	DDE1	26.0	22.0	24.0	20.0	3200.0	13.0	18.0	27.0	20.0	28.0	40.0
174193.89	440053.33	DDE2	DDE2	29.0	25.0	27.0	23.0	3600.0	15.0	20.0	30.0	23.0	32.0	81.0
174533.87	440322.11	DDE3	DDE3	13.0	11.0	13.0	11.0	1700.0	7.0	9.5	14.0	11.0	15.0	15.0
175268.67	439637.82	DDW-COM	DDW-COM	24.0	20.0	22.0	19.0	3000.0	12.0	17.0	25.0	19.0	27.0	27.0
174826	439547.96	DDW1	DDW1	25.0	21.0	23.0	20.0	3100.0	13.0	18.0	26.0	19.0	27.0	28.0
175268.67	439637.82	DDW2	DDW2	24.0	20.0	22.0	19.0	2900.0	12.0	17.0	25.0	18.0	26.0	26.0
174806.09	440004.18	DDW3	DDW3	19.0	16.0	18.0	15.0	2400.0	10.0	14.0	20.0	15.0	21.0	21.0
176503.68	435960.48	FB1	FB1	85.0	72.0	79.0	67.0	10000.0	44.0	60.0	89.0	66.0	93.0	94.0
176399.99	435123.71	FB2	FB2	79.0	67.0	73.0	63.0	9700.0	41.0	55.0	83.0	61.0	87.0	87.0
174668.76	438810.61	FTM-COMF	FTM-COMF	30.0	25.0	28.0	24.0	3700.0	15.0	21.0	31.0	23.0	33.0	64.0
171852.14	440913.03	FTM1	FTM1	29.0	25.0	27.0	23.0	3600.0	15.0	21.0	31.0	23.0	32.0	60.0
174668.76	438810.61	FTM2	FTM2	29.0	25.0	27.0	23.0	3600.0	15.0	21.0	31.0	23.0	32.0	87.0
176085.02	437442.71	FTM3	FTM3	31.0	27.0	29.0	25.0	3900.0	16.0	22.0	33.0	25.0	35.0	74.0
174259.93	439572.39	HA-COMP	HA-COMP	29.0	24.0	27.0	23.0	3500.0	15.0	20.0	30.0	22.0	32.0	32.0
175569.01	438639.29	HA1	HA1	31.0	26.0	29.0	25.0	3900.0	16.0	22.0	33.0	24.0	34.0	35.0
174259.93	439572.39	HA2	HA2	26.0	22.0	25.0	21.0	3300.0	14.0	19.0	28.0	21.0	29.0	29.0
177548.7	436674.87	NWBE-COI	NWBE-COI	81.0	69.0	76.0	65.0	10000.0	42.0	57.0	85.0	63.0	89.0	90.0
176793.65	437043.77	NWBE1	NWBE1	79.0	67.0	73.0	63.0	9700.0	41.0	55.0	83.0	61.0	87.0	87.0
177548.7	436674.87	NWBE2	NWBE2	82.0	70.0	76.0	65.0	10000.0	42.0	58.0	86.0	64.0	91.0	91.0
178248.68	436795.3	NWBE3	NWBE3	84.0	71.0	78.0	66.0	10000.0	43.0	59.0	88.0	65.0	92.0	96.0
178895.88	435496.56	NWBW-CO	NWBW-CO	60.0	51.0	56.0	48.0	7500.0	31.0	43.0	63.0	47.0	67.0	67.0
178539.17	435992.89	NWBW1	NWBW1	62.0	53.0	58.0	50.0	7700.0	32.0	44.0	65.0	49.0	69.0	69.0
178895.88	435496.56	NWBW2	NWBW2	64.0	54.0	59.0	51.0	7900.0	33.0	45.0	67.0	50.0	70.0	71.0
179003.49	435149.5	NWBW3	NWBW3	61.0	52.0	57.0	49.0	7600.0	32.0	43.0	64.0	48.0	68.0	68.0
176436.72	438622.09	SGT-COMF	SGT-COMF	19.0	16.0	18.0	15.0	2300.0	9.8	13.0	20.0	15.0	21.0	21.0
176232.2	438039.03	SGT1	SGT1	22.0	18.0	20.0	17.0	2700.0	11.0	15.0	23.0	17.0	24.0	24.0
176436.72	438622.09	SGT2	SGT2	26.0	22.0	25.0	21.0	3300.0	14.0	19.0	28.0	21.0	29.0	29.0
176641.79	438559.22	SGT3	SGT3	13.0	11.0	12.0	10.0	1600.0	6.7	9.2	14.0	10.0	14.0	14.0
177240.04	434708.59	SLP-COMF	SLP-COMF	26.0	22.0	24.0	20.0	3200.0	13.0	18.0	27.0	20.0	28.0	28.0
176678.1	434834.78	SLP1	SLP1	31.0	26.0	29.0	25.0	3900.0	16.0	22.0	33.0	24.0	34.0	35.0
177240.04	434708.59	SLP2	SLP2	33.0	28.0	31.0	26.0	4100.0	17.0	23.0	35.0	26.0	36.0	36.0
176956.14	435360.02	SLP3	SLP3	20.0	17.0	19.0	16.0	2500.0	10.0	14.0	21.0	16.0	22.0	22.0
169319.6	445074.39	BR-COMP-	BR-COMP-	67.0	45.0	67.0	56.0	970.0	58.0	48.0	58.0	110.0	95.0	140.0
168547.57	447518.15	BR-1	BR-1	64.0	43.0	64.0	53.0	920.0	55.0	46.0	55.0	110.0	90.0	140.0
169319.6	445074.39	BR-2	BR-2	57.0	38.0	57.0	47.0	820.0	49.0	41.0	49.0	94.0	80.0	120.0
169881.74	444031.66	BR-3*	BR-3*	67.0	45.0	67.0	56.0	970.0	58.0	48.0	58.0	110.0	94.0	140.0
170465.47	442165.53	BRA-COMF	BRA-COMF	60.0	40.0	60.0	50.0	870.0	52.0	43.0	52.0	99.0	85.0	130.0
170449.04	442891.19	BRA-1	BRA-1	70.0	47.0	70.0	58.0	1000.0	61.0	50.0	60.0	120.0	99.0	150.0
170465.47	442165.53	BRA-2	BRA-2	56.0	37.0	56.0	46.0	810.0	48.0	40.0	48.0	92.0	79.0	120.0
170940.53	442079.48	BRA-3*	BRA-3*	58.0	39.0	58.0	48.0	830.0	50.0	41.0	49.0	95.0	81.0	120.0
172729.4	438384.09	CB-COMP-	CB-COMP-	81.0	54.0	81.0	67.0	1200.0	70.0	58.0	69.0	130.0	110.0	170.0
172827.97	439972.49	CB-1	CB-1	64.0	43.0	64.0	53.0	930.0	55.0	46.0	55.0	110.0	90.0	140.0
172729.4	438384.09	CB-2	CB-2	93.0	62.0	93.0	77.0	1300.0	80.0	66.0	80.0	150.0	130.0	200.0
172729.92	436939.09	CB-3*	CB-3*	55.0	37.0	55.0	45.0	790.0	47.0	39.0	47.0	90.0	77.0	120.0
171574.63	436388.9	CC-COMP-	CC-COMP-	90.0	60.0	90.0	75.0	1300.0	78.0	64.0	77.0	150.0	130.0	190.0
172362.54	436722.04	CC-1	CC-1	97.0	65.0	97.0	80.0	1400.0	83.0	69.0	83.0	160.0	140.0	210.0
171574.63	436388.9	CC-2*	CC-2*	76.0	51.0	76.0	63.0	1100.0	65.0	54.0	65.0	130.0	110.0	160.0
170489.12	436520.6	CC-3	CC-3	98.0	65.0	98.0	81.0	1400.0	84.0	70.0	84.0	160.0	140.0	210.0
169859.58	437220.33	CC-4	CC-4	83.0	55.0	83.0	69.0	1200.0	71.0	59.0	71.0	140.0	120.0	180.0
175657.83	435081	FB-COMP-	FB-COMP-	80.0	54.0	80.0	66.0	1200.0	69.0	57.0	69.0	130.0	110.0	170.0
176507.3	435940.32	FB-1	FB-1	82.0	55.0	82.0	68.0	1200.0	71.0	59.0	71.0	140.0	120.0	180.0
175657.83	435081	FB-2*	FB-2*	75.0	50.0	75.0	62.0	1100.0	65.0	54.0	65.0	120.0	110.0	160.0
174661.37	438812.09	FTM-COMF	FTM-COMF	60.0	40.0	60.0	49.0	860.0	51.0	42.0	51.0	98.0	84.0	130.0
171839.29	440934.68	FTM-1	FTM-1	47.0	32.0	47.0	39.0	680.0	41.0	34.0	41.0	78.0	67.0	100.0
174661.37	438812.09	FTM-2	FTM-2	67.0	45.0	67.0	56.0	970.0	58.0	48.0	58.0	110.0	95.0	140.0



Station	Assessment	Northing	Easting	Station	Soil Standards:										
					Habitat Reconstruction (TELS)										
					1,2,4-TRICHLOROBENZENE	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLPHENOL	4-METHYLPHENOL
	Habitat Reconstruct MD Residentia				78,000	58,000	23,000	160,000	16,000	16,000	7800	630,000	39,000	390,000	39,000
	MD Non-Residentia				1,000,000	260,000	310,000	2,000,000	200,000	200,000	100,000	8,200,000	510,000	5,100,000	510,000

sVOC											
Station	1,2,4-TRICHLOROBENZENE	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYLPHENOL	2,4-DINITROPHENOL	2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLPHENOL	4-METHYLPHENOL

179340.66	435710.17	B69
171649.36	446859.82	B7
178936	434873.12	B70
178605.41	434733.17	B71
179287.8	434224.45	B72
179501.4	433696.27	B73
175282.97	451914.72	B74
175282.97	451914.72	B74J
175237.45	449636.94	B75
176445	447927.02	B76
177413.77	447489.62	B77
177293.47	447993.78	B78
178680.87	447937.39	B79
172017.65	447594.11	B8
179936.03	446395.97	B80
181313.22	444566.8	B81
172751.59	446558.23	B9



Soil		BIS(2-CHLOROETHYL) ETHER	BIS(2-CHLOROISOPROPYL) ETHER	BIS(2-ETHYLHEXYL) PHTHALATE	DIBENZOFURAN	DIETHYL PHTHALATE	D,N-BUTYL PHTHALATE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	ISOPHORONE	NITROBENZENE
Habitat Reconstruct		580	182	4600	7800	6,300,000	780,000	400	8200	47,000	46,000	670,000	3900
MD Residentia		2600	41,000	200,000	100,000	83,000,000	1,000,000	1800	37,000	610,000	200,000	3,000,000	51,000
MD Non-Residentia													

Station	Northing	Easting	Station	BIS(2-CHLOROETHYL) ETHER	BIS(2-CHLOROISOPROPYL) ETHER	BIS(2-ETHYLHEXYL) PHTHALATE	DIBENZOFURAN	DIETHYL PHTHALATE	D,N-BUTYL PHTHALATE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	ISOPHORONE	NITROBENZENE
169321.33	445054.22	BR-COMP		24.0	18.0	76.0	370.0	25.0	150.0	25.0	24.0	98.0	24.0	23.0	40.0
168576.92	447476.23	BR1		24.0	18.0	78.0	370.0	25.0	150.0	25.0	25.0	100.0	24.0	24.0	41.0
169321.33	445054.22	BR2		11.0	8.0	34.0	180.0	11.0	68.0	11.0	11.0	44.0	11.0	11.0	18.0
169914.88	444002.69	BR3		27.0	20.0	87.0	420.0	28.0	170.0	28.0	28.0	110.0	27.0	27.0	46.0
170474.59	442140.99	BRA-COMF		25.0	19.0	80.0	390.0	26.0	160.0	26.0	25.0	100.0	25.0	25.0	42.0
170435.58	442797.68	BRA1		26.0	19.0	83.0	410.0	27.0	160.0	27.0	26.0	110.0	26.0	26.0	43.0
170474.59	442140.99	BRA2		25.0	19.0	100.0	390.0	26.0	160.0	26.0	26.0	100.0	25.0	25.0	42.0
170981.03	442038.96	BRA3		25.0	19.0	81.0	390.0	26.0	160.0	26.0	26.0	100.0	25.0	25.0	42.0
172733.27	438417.16	CB-COMP		28.0	21.0	88.0	32.0	29.0	170.0	29.0	28.0	110.0	27.0	27.0	46.0
172843.18	438569.18	CB1		28.0	21.0	88.0	32.0	29.0	170.0	29.0	28.0	110.0	27.0	27.0	46.0
172733.27	438417.16	CB2		33.0	25.0	110.0	39.0	35.0	210.0	34.0	34.0	140.0	33.0	33.0	56.0
172724.34	436936.25	CB3		25.0	19.0	81.0	29.0	26.0	160.0	26.0	26.0	100.0	25.0	25.0	42.0
171394.67	436286.08	CC-COMP		29.0	22.0	410.0	46.0	30.0	180.0	30.0	46.0	120.0	29.0	29.0	49.0
172379.25	436734.92	CC1		27.0	20.0	450.0	62.0	28.0	200.0	28.0	27.0	110.0	26.0	26.0	45.0
171394.67	436286.08	CC2		29.0	21.0	430.0	52.0	30.0	180.0	30.0	29.0	120.0	28.0	28.0	48.0
170581.46	436482.73	CC3		34.0	26.0	270.0	40.0	36.0	210.0	35.0	34.0	140.0	34.0	34.0	57.0
169833.58	437197.43	CC4		30.0	22.0	400.0	35.0	31.0	190.0	31.0	30.0	120.0	30.0	30.0	50.0
174193.89	440053.33	DDE-COMI		15.0	12.0	120.0	18.0	16.0	97.0	16.0	16.0	64.0	15.0	15.0	26.0
173765.18	439797.92	DDE1		25.0	18.0	160.0	29.0	26.0	150.0	26.0	25.0	100.0	24.0	24.0	41.0
174193.89	440053.33	DDE2		28.0	21.0	390.0	41.0	29.0	180.0	29.0	28.0	120.0	28.0	27.0	47.0
174533.87	440322.11	DDE3		13.0	9.7	41.0	15.0	13.0	81.0	13.0	13.0	53.0	13.0	13.0	22.0
175268.67	439637.82	DDW-COM		23.0	17.0	74.0	27.0	24.0	150.0	24.0	23.0	95.0	23.0	23.0	39.0
174826	439547.96	DDW1		24.0	18.0	76.0	28.0	25.0	150.0	25.0	24.0	99.0	24.0	24.0	40.0
175268.67	439637.82	DDW2		23.0	17.0	72.0	26.0	23.0	140.0	23.0	23.0	93.0	22.0	22.0	38.0
174806.09	440004.18	DDW3		19.0	14.0	59.0	22.0	19.0	120.0	19.0	19.0	77.0	18.0	18.0	31.0
176503.68	435960.48	FB1		81.0	61.0	390.0	94.0	490.0	510.0	84.0	82.0	330.0	80.0	80.0	140.0
176399.99	435123.71	FB2		76.0	56.0	290.0	88.0	420.0	470.0	78.0	76.0	310.0	75.0	74.0	130.0
174668.76	438810.61	FTM-COMF		29.0	21.0	190.0	440.0	30.0	180.0	30.0	29.0	120.0	28.0	28.0	48.0
171852.14	440913.03	FTM1		28.0	21.0	90.0	430.0	29.0	180.0	29.0	28.0	120.0	28.0	28.0	47.0
174668.76	438810.61	FTM2		28.0	21.0	90.0	440.0	29.0	180.0	29.0	28.0	120.0	28.0	28.0	47.0
176085.02	437442.71	FTM3		30.0	22.0	240.0	470.0	31.0	190.0	31.0	30.0	120.0	30.0	30.0	50.0
174259.93	439572.39	HA-COMP		28.0	21.0	88.0	32.0	29.0	170.0	28.0	28.0	110.0	27.0	27.0	46.0
175569.01	438639.29	HA1		30.0	22.0	96.0	35.0	31.0	190.0	31.0	30.0	120.0	30.0	30.0	50.0
174259.93	439572.39	HA2		25.0	19.0	81.0	29.0	26.0	160.0	26.0	25.0	100.0	25.0	25.0	42.0
177548.7	436674.87	NWBE-COI		78.0	58.0	430.0	90.0	650.0	490.0	81.0	78.0	320.0	77.0	77.0	130.0
176793.65	437043.77	NWBE1		76.0	56.0	370.0	88.0	780.0	470.0	78.0	76.0	310.0	75.0	74.0	130.0
177548.7	436674.87	NWBE2		79.0	59.0	330.0	91.0	680.0	500.0	82.0	79.0	330.0	78.0	78.0	130.0
178248.68	436795.3	NWBE3		80.0	60.0	1200.0	110.0	550.0	500.0	83.0	81.0	330.0	79.0	79.0	130.0
178895.88	435496.56	NWBW-CO		58.0	43.0	1000.0	67.0	280.0	360.0	60.0	58.0	240.0	57.0	57.0	97.0
178539.17	435992.89	NWBW1		60.0	45.0	600.0	69.0	360.0	380.0	62.0	60.0	250.0	59.0	59.0	100.0
178895.88	435496.56	NWBW2		61.0	46.0	1700.0	110.0	320.0	390.0	63.0	62.0	250.0	61.0	60.0	100.0
179003.49	435149.5	NWBW3		59.0	44.0	1600.0	74.0	340.0	370.0	61.0	59.0	240.0	58.0	58.0	98.0
176436.72	438622.09	SGT-COMF		18.0	14.0	18.0	21.0	19.0	110.0	19.0	18.0	75.0	18.0	18.0	30.0
176232.2	438039.03	SGT1		21.0	15.0	66.0	24.0	22.0	130.0	21.0	21.0	85.0	20.0	20.0	35.0
176436.72	438622.09	SGT2		25.0	19.0	81.0	29.0	26.0	160.0	26.0	26.0	100.0	25.0	25.0	42.0
176641.79	438559.22	SGT3		13.0	9.3	40.0	14.0	13.0	78.0	13.0	13.0	52.0	12.0	12.0	21.0
177240.04	434708.59	SLP-COMF		24.0	18.0	78.0	28.0	25.0	150.0	25.0	25.0	100.0	24.0	24.0	41.0
176678.1	434834.78	SLP1		30.0	22.0	96.0	35.0	31.0	190.0	31.0	30.0	120.0	30.0	29.0	50.0
177240.04	434708.59	SLP2		32.0	24.0	100.0	37.0	33.0	200.0	33.0	32.0	130.0	31.0	31.0	53.0
176956.14	435360.02	SLP3		19.0	14.0	62.0	22.0	20.0	120.0	20.0	19.0	79.0	19.0	19.0	32.0
169319.6	445074.39	BR-COMP-		74.0	63.0	430.0	61.0	59.0	58.0	53.0	88.0	43.0	89.0	84.0	80.0
168547.57	447518.15	BR-1		70.0	60.0	400.0	58.0	56.0	55.0	50.0	84.0	41.0	84.0	80.0	76.0
169319.6	445074.39	BR-2		62.0	53.0	450.0	52.0	50.0	49.0	45.0	75.0	37.0	75.0	72.0	68.0
169881.74	444031.66	BR-3*		73.0	63.0	600.0	60.0	59.0	57.0	52.0	88.0	43.0	88.0	84.0	80.0
170465.47	442165.53	BRA-COMF		66.0	56.0	540.0	54.0	53.0	52.0	47.0	79.0	39.0	79.0	76.0	72.0
170449.04	442891.19	BRA-1		77.0	66.0	63.0	62.0	60.0	60.0	55.0	93.0	45.0	93.0	88.0	84.0
170465.47	442165.53	BRA-2		61.0	52.0	50.0	49.0	48.0	48.0	44.0	73.0	36.0	74.0	70.0	67.0
170940.53	442079.48	BRA-3*		63.0	54.0	52.0	51.0	49.0	49.0	45.0	76.0	37.0	76.0	72.0	69.0
172729.4	438384.09	CB-COMP-		88.0	76.0	73.0	71.0	69.0	69.0	63.0	110.0	52.0	110.0	100.0	96.0
172827.97	439972.49	CB-1		70.0	60.0	58.0	58.0	57.0	55.0	50.0	84.0	41.0	85.0	81.0	77.0
172729.4	438384.09	CB-2		100.0	86.0	83.0	82.0	79.0	79.0	72.0	120.0	60.0	120.0	120.0	110.0
172729.92	436939.09	CB-3*		60.0	51.0	49.0	48.0	47.0	47.0	43.0	72.0	35.0	72.0	68.0	65.0
171574.63	436388.9	CC-COMP-		99.0	84.0	81.0	79.0	77.0	77.0	71.0	120.0	58.0	120.0	110.0	110.0
172362.54	436722.04	CC-1		110.0	90.0	87.0	85.0	83.0	83.0	76.0	130.0	63.0	130.0	120.0	120.0
171574.63	436388.9	CC-2*		83.0	71.0	68.0	67.0	65.0	65.0	59.0	100.0	49.0	100.0	95.0	90.0
170489.12	436520.6	CC-3		110.0	91.0	88.0	86.0	84.0	84.0	76.0	130.0	63.0	130.0	120.0	120.0
169859.58	437220.33	CC-4		90.0	77.0	75.0	73.0	71.0	71.0	65.0	110.0	53.0	110.0	100.0	99.0
175657.83	435081	FB-COMP-		88.0	75.0	72.0	71.0	69.0	69.0	63.0	110.0	52.0	110.0	100.0	96.0
176507.3	435940.32	FB-1		90.0	77.0	74.0	72.0	70.0	70.0	64.0	110.0	53.0	110.0	100.0	98.0
175657.83	435081	FB-2*		82.0	70.0	68.0	68.0	65.0	65.0	59.0	99.0	49.0	99.0	95.0	90.0
174661.37	438812.09	FTM-COMF		65.0	56.0	54.0	54.0	52.0	51.0	47.0	78.0	38.0	79.0	75.0	71.0
171839.29	440934.68	FTM-1		52.0	44.0	43.0	42.0	41.0	41.0	37.0	62.0	31.0	63.0	60.0	57.0
174661.37	438812.09	FTM-2		73.0	63.0	61.0	59.0	58.0	58.0	53.0	88.0	43.0	88.0	84.0	80.0





Soil	N-NITROSODI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENOL
Habitat Reconstruct				
MD Residentia	91	130,000	5300	2,300,000
MD Non-Residentia	410	580,000	24,000	31,000,000

Station	Northing	Easting	Station	N-NITROSODI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	PENTACHLOROPHENOL	PHENOL
169321.33	445054.22	BR-COMP		25.0	250.0	1700.0	25.0
168576.92	447476.23	BR1		26.0	260.0	1700.0	26.0
169321.33	445054.22	BR2		11.0	120.0	760.0	11.0
169914.88	444002.69	BR3		29.0	290.0	1900.0	29.0
170474.59	442140.99	BRA-COMF		26.0	270.0	1800.0	31.0
170435.58	442797.68	BRA1		27.0	280.0	1800.0	28.0
170474.59	442140.99	BRA2		27.0	270.0	1800.0	39.0
170981.03	442038.96	BRA3		27.0	270.0	1800.0	27.0
172733.27	438417.16	CB-COMP		29.0	300.0	2000.0	29.0
172843.18	438569.18	CB1		29.0	300.0	2000.0	29.0
172733.27	438417.16	CB2		35.0	360.0	2400.0	35.0
172724.34	436936.25	CB3		27.0	270.0	1800.0	27.0
171394.67	436286.08	CC-COMP		30.0	310.0	2100.0	31.0
172379.25	436734.92	CC1		28.0	290.0	1900.0	28.0
171394.67	436286.08	CC2		30.0	310.0	2000.0	30.0
170581.46	436482.73	CC3		36.0	370.0	2400.0	36.0
169833.58	437197.43	CC4		31.0	320.0	2100.0	32.0
174193.89	440053.33	DDE-COMI		16.0	170.0	1100.0	16.0
173765.18	439797.92	DDE1		26.0	260.0	1700.0	26.0
174193.89	440053.33	DDE2		29.0	300.0	2000.0	30.0
174533.87	440322.11	DDE3		14.0	140.0	910.0	14.0
175268.67	439637.82	DDW-COM		24.0	250.0	1600.0	24.0
174826	439547.96	DDW1		25.0	260.0	1700.0	25.0
175268.67	439637.82	DDW2		24.0	240.0	1600.0	24.0
174806.09	440004.18	DDW3		19.0	200.0	1300.0	20.0
176503.68	435960.48	FB1		85.0	870.0	5700.0	86.0
176399.99	435123.71	FB2		79.0	810.0	5300.0	80.0
174668.76	438810.61	FTM-COMF		30.0	300.0	2000.0	30.0
171852.14	440913.03	FTM1		29.0	300.0	2000.0	30.0
174668.76	438810.61	FTM2		29.0	300.0	2000.0	30.0
176085.02	437442.71	FTM3		32.0	320.0	2100.0	32.0
174259.93	439572.39	HA-COMP		29.0	290.0	1900.0	29.0
175569.01	438639.29	HA1		31.0	320.0	2100.0	32.0
174259.93	439572.39	HA2		26.0	270.0	1800.0	27.0
177548.7	436674.87	NWBE-COI		81.0	830.0	5500.0	82.0
176793.65	437043.77	NWBE1		79.0	810.0	5300.0	80.0
177548.7	436674.87	NWBE2		82.0	840.0	5600.0	83.0
178248.68	436795.3	NWBE3		84.0	860.0	5700.0	85.0
178895.88	435496.56	NWBW-CO		61.0	620.0	4100.0	61.0
178539.17	435992.89	NWBW1		62.0	640.0	4200.0	63.0
178895.88	435496.56	NWBW2		64.0	650.0	4300.0	65.0
179003.49	435149.5	NWBW3		62.0	630.0	4200.0	62.0
176436.72	438622.09	SGT-COMF		19.0	190.0	1300.0	19.0
176232.2	438039.03	SGT1		22.0	220.0	1500.0	22.0
176436.72	438622.09	SGT2		26.0	270.0	1800.0	27.0
176641.79	438559.22	SGT3		13.0	130.0	880.0	13.0
177240.04	434708.59	SLP-COMF		26.0	260.0	1700.0	26.0
176678.1	434834.78	SLP1		31.0	320.0	2100.0	32.0
177240.04	434708.59	SLP2		33.0	340.0	2200.0	34.0
176956.14	435360.02	SLP3		20.0	210.0	1400.0	20.0
169319.6	445074.39	BR-COMP-		65.0	72.0	44.0	71.0
168547.57	447518.15	BR-1		61.0	68.0	42.0	67.0
169319.6	445074.39	BR-2		55.0	61.0	38.0	60.0
169881.74	444031.66	BR-3*		64.0	72.0	44.0	70.0
170465.47	442165.53	BRA-COMF		58.0	64.0	40.0	63.0
170449.04	442891.19	BRA-1		68.0	75.0	46.0	74.0
170465.47	442165.53	BRA-2		54.0	60.0	37.0	59.0
170940.53	442079.48	BRA-3*		55.0	62.0	38.0	60.0
172729.4	438384.09	CB-COMP-		78.0	87.0	53.0	85.0
172827.97	439972.49	CB-1		62.0	69.0	42.0	67.0
172729.4	438384.09	CB-2		89.0	99.0	61.0	97.0
172729.92	436939.09	CB-3*		52.0	58.0	36.0	57.0
171574.63	436388.9	CC-COMP-		87.0	97.0	59.0	94.0
172362.54	436722.04	CC-1		93.0	100.0	64.0	100.0
171574.63	436388.9	CC-2*		73.0	81.0	50.0	80.0
170489.12	436520.6	CC-3		94.0	100.0	64.0	100.0
169859.58	437220.33	CC-4		79.0	89.0	54.0	87.0
175657.83	435081	FB-COMP-		77.0	86.0	53.0	84.0
176507.3	435940.32	FB-1		79.0	88.0	54.0	86.0
175657.83	435081	FB-2*		72.0	81.0	49.0	79.0
174661.37	438812.09	FTM-COMF		57.0	64.0	39.0	62.0
171839.29	440934.68	FTM-1		46.0	51.0	31.0	50.0
174661.37	438812.09	FTM-2		65.0	72.0	44.0	70.0

Soil	<u>N-NITROSODI-N-PROPYLAMINE</u>	<u>N-NITROSODIPHENYLAMINE</u>	<u>PENTACHLOROPHENOL</u>	<u>PHENOL</u>
Habitat Reconstruct				
MD Residentia	91	130,000	5300	2,300,000
MD Non-Residentia	410	580,000	24,000	31,000,000

Station Assessment	Northing	Easting	Station	<u>N-NITROSODI-N-PROPYLAMINE</u>	<u>N-NITROSODIPHENYLAMINE</u>	<u>PENTACHLOROPHENOL</u>	<u>PHENOL</u>
	176061.11	437475.9	FTM-3*	62.0	69.0	42.0	68.0
	175373.05	437525.22	HA-COMP-	62.0	69.0	43.0	68.0
	175674.65	438671.85	HA-1*	71.0	79.0	49.0	78.0
	175373.05	437525.22	HA-2	65.0	73.0	45.0	71.0
	177250.89	436692.08	NWBE-COI	76.0	85.0	52.0	83.0
	176660.89	437140.78	NWBE-1	74.0	83.0	51.0	81.0
	177250.89	436692.08	NWBE-2	76.0	85.0	52.0	83.0
	178257.92	436793.82	NWBE-3*	78.0	87.0	53.0	85.0
	178542	435800.17	NWBW-CO	78.0	87.0	53.0	85.0
	178542	435800.17	NWBW-2	57.0	64.0	39.0	62.0
	179010.84	435140.83	NWBW-3*	89.0	99.0	60.0	97.0
	163913.11	448555.58	B1				
	169418.3	445558.02	B10				
	167406.62	444837.54	B11				
	168377.13	443579.2	B12				
	167707.86	443563.69	B13				
	166366.8	443633.52	B14				
	165144.97	442953.58	B15				
	165144.97	442953.58	B15J				
	164492.49	442044.66	B16				
	167372.58	442591	B17				
	166864.26	441527.92	B18				
	165811.79	440765.2	B19				
	166700.54	448000.7	B2				
	164755.91	439305.96	B20				
	166269.57	439826.57	B21				
	168253.52	441823.02	B22				
	169368.16	441502.74	B23				
	170606.68	443010.22	B24				
	171085.53	440853.11	B25				
	172221.76	441706.02	B26				
	172941.34	441903.7	B27				
	174935.77	442900.28	B29				
	164615.78	444770.71	B3				
	175203.17	443858.01	B30				
	175691.69	442968.1	B31				
	175916.41	444561.38	B32				
	176283.29	443995.86	B33				
	176244.03	445230.87	B34				
	176782.79	445071.94	B35				
	173401.11	441373.58	B36				
	174322.58	439452.56	B37				
	176570.57	440038.3	B38				
	175823.82	438711.33	B39				
	173058.28	439466.09	B40				
	173327.63	439059.39	B41				
	173284.32	438404.8	B42				
	172296.69	439489.09	B43				
	172396.83	437900.58	B44				
	172242.52	436569.96	B45				
	171399.91	436413.12	B46				
	170677.79	436301.29	B47				
	169739.36	436761.54	B48				
	168874.58	436477.59	B49				
	166979.72	445680.13	B5				
	168314.05	435280.16	B50				
	167855.19	436098.27	B51				
	166836.03	435766.87	B52				
	175277.79	437395.15	B53				
	176772.8	437256.2	B54				
	176635.09	436161.18	B55				
	176274.47	436203.6	B56				
	176332.23	435340.19	B57				
	176133.99	435144.47	B58				
	175590.57	434995.84	B59				
	170392.33	446536.17	B6				
	176159.8	434705.59	B60				
	176421.13	434524.62	B62				
	176573.65	434140.35	B63				
	176616.11	433253.08	B64				
	176746.41	432703.51	B65				
	177721.37	436328.79	B67				
	178925.43	435951.73	B68				

	<u>N-NITROSODI-N-PROPYLAMINE</u>	<u>N-NITROSODIPHENYLAMINE</u>	<u>PENTACHLOROPHENOL</u>	<u>PHENOL</u>
<b>Habitat Reconstruct</b>				
<b>MD Residentia</b>	91	130,000	5300	2,300,000
<b>MD Non-Residentia</b>	410	580,000	24,000	31,000,000

Station				
Assessment	Northing	Easting	Station	
				<u>N-NITROSODI-N-PROPYLAMINE</u>
				<u>N-NITROSODIPHENYLAMINE</u>
				<u>PENTACHLOROPHENOL</u>
				<u>PHENOL</u>
	179340.66	435710.17	B69	
	171649.36	446859.82	B7	
	178936	434873.12	B70	
	178605.41	434733.17	B71	
	179287.8	434224.45	B72	
	179501.4	433696.27	B73	
	175282.97	451914.72	B74	
	175282.97	451914.72	B74J	
	175237.45	449636.94	B75	
	176445	447927.02	B76	
	177413.77	447489.62	B77	
	177293.47	447993.78	B78	
	178680.87	447937.39	B79	
	172017.65	447594.11	B8	
	179936.03	446395.97	B80	
	181313.22	444566.8	B81	
	172751.59	446558.23	B9	

Figures D1-D12. Maps of Off-Channel Locations

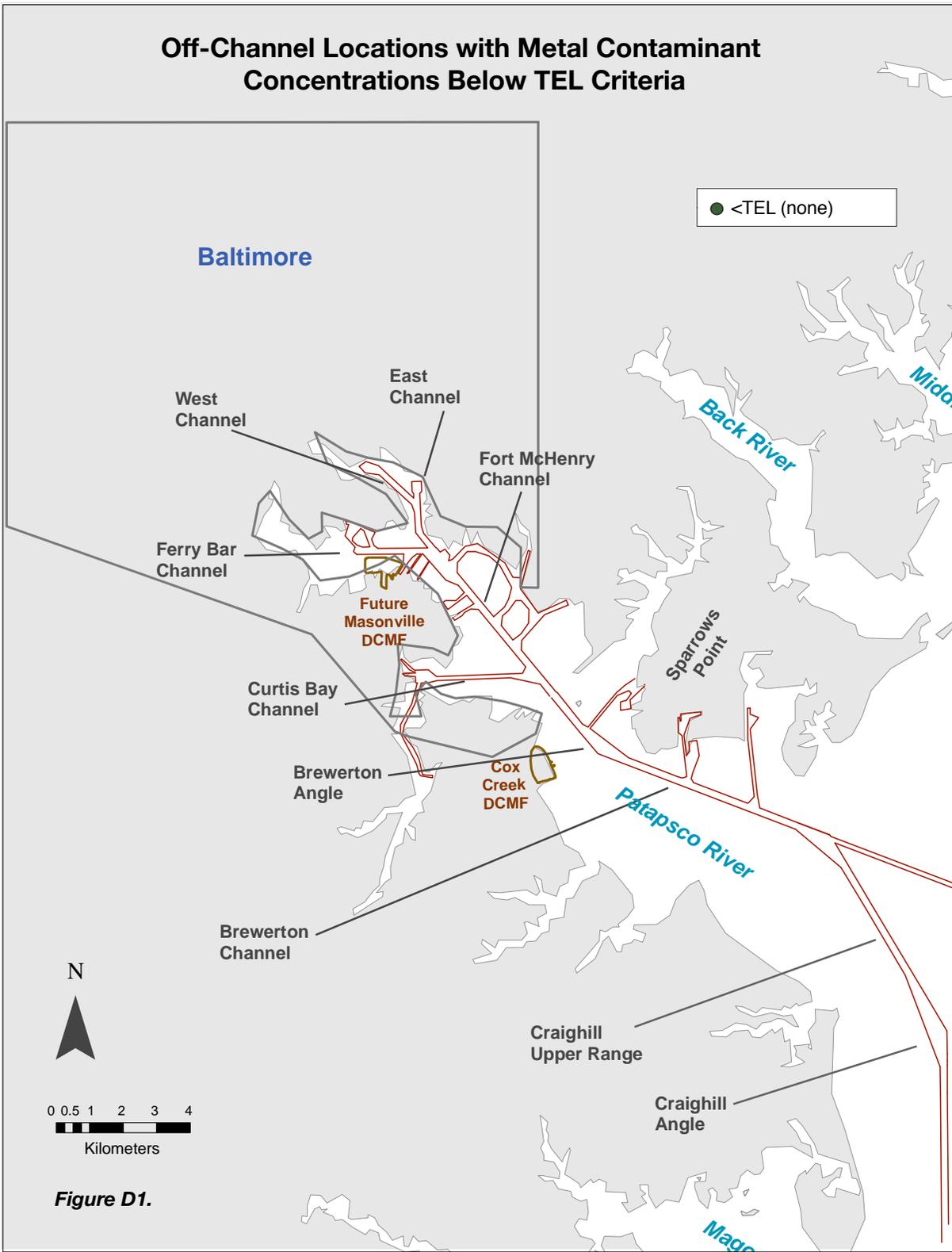
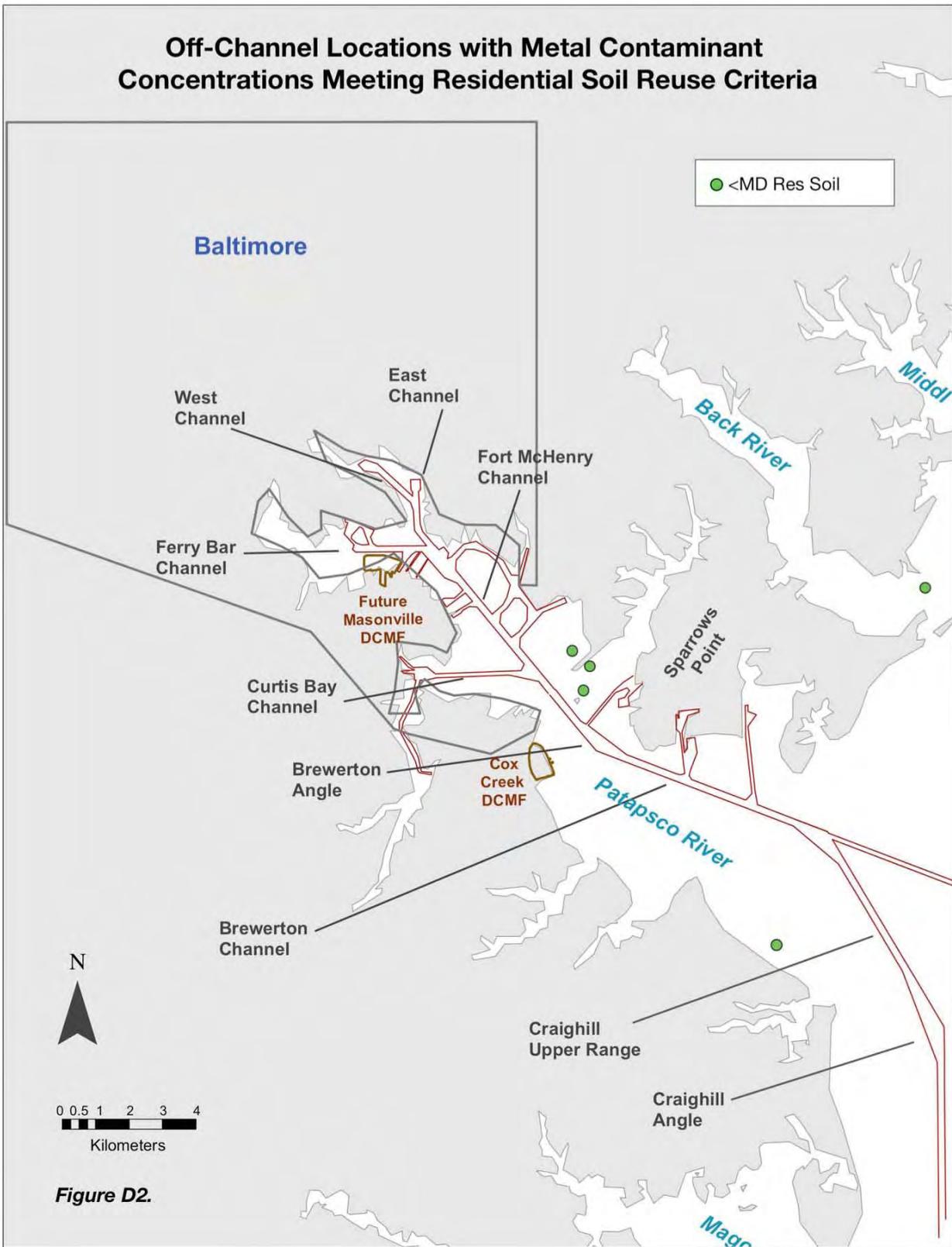


Figure D1.





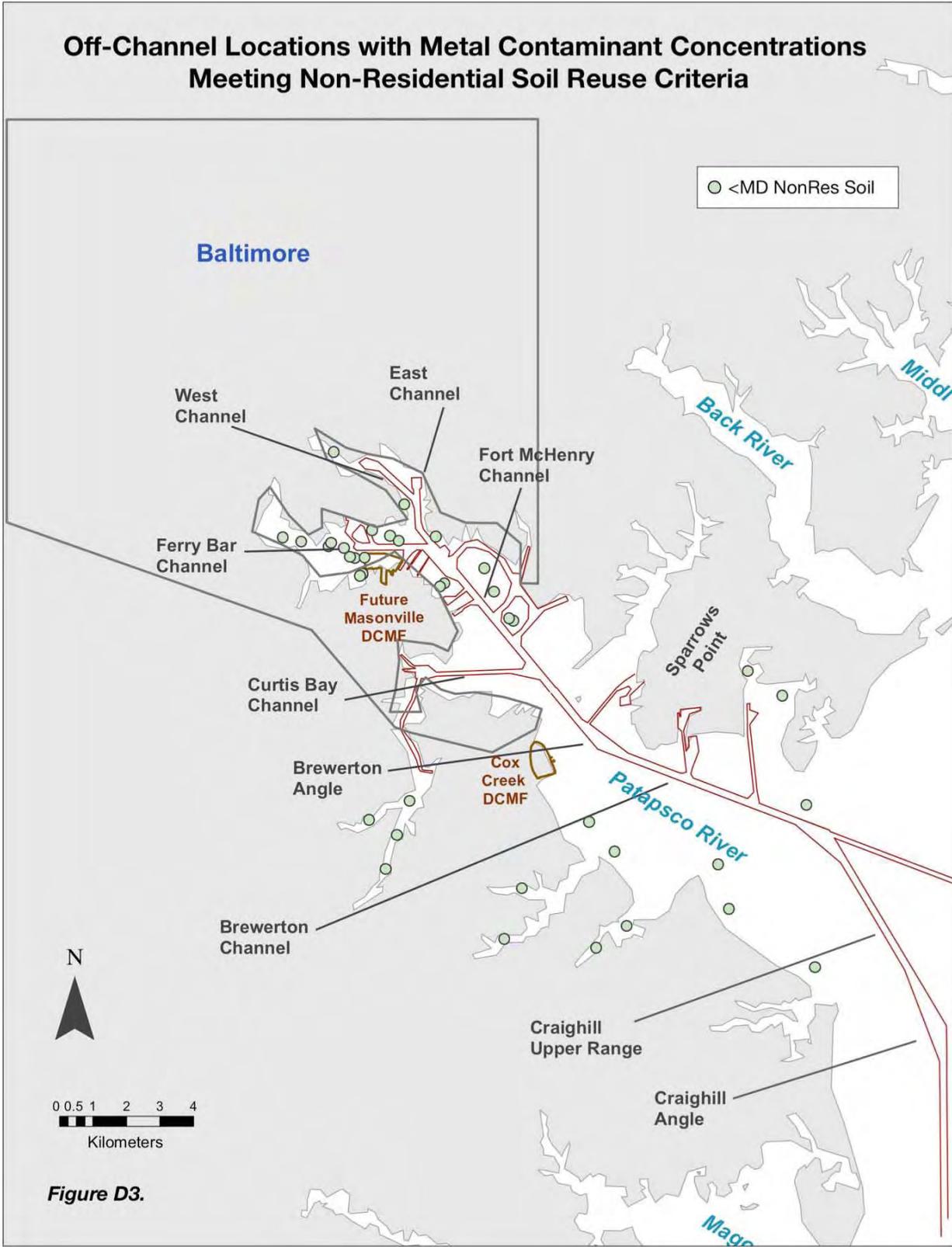
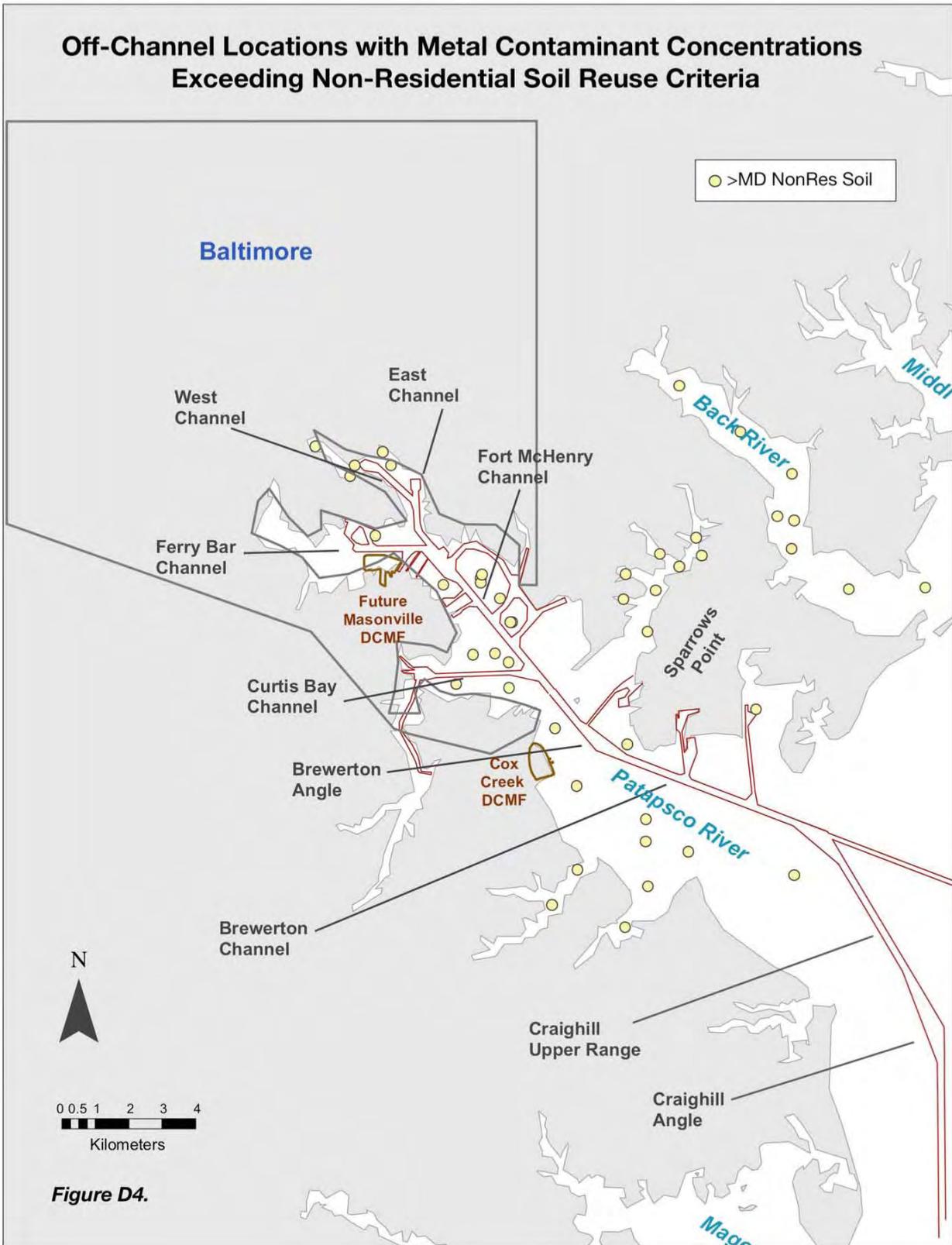
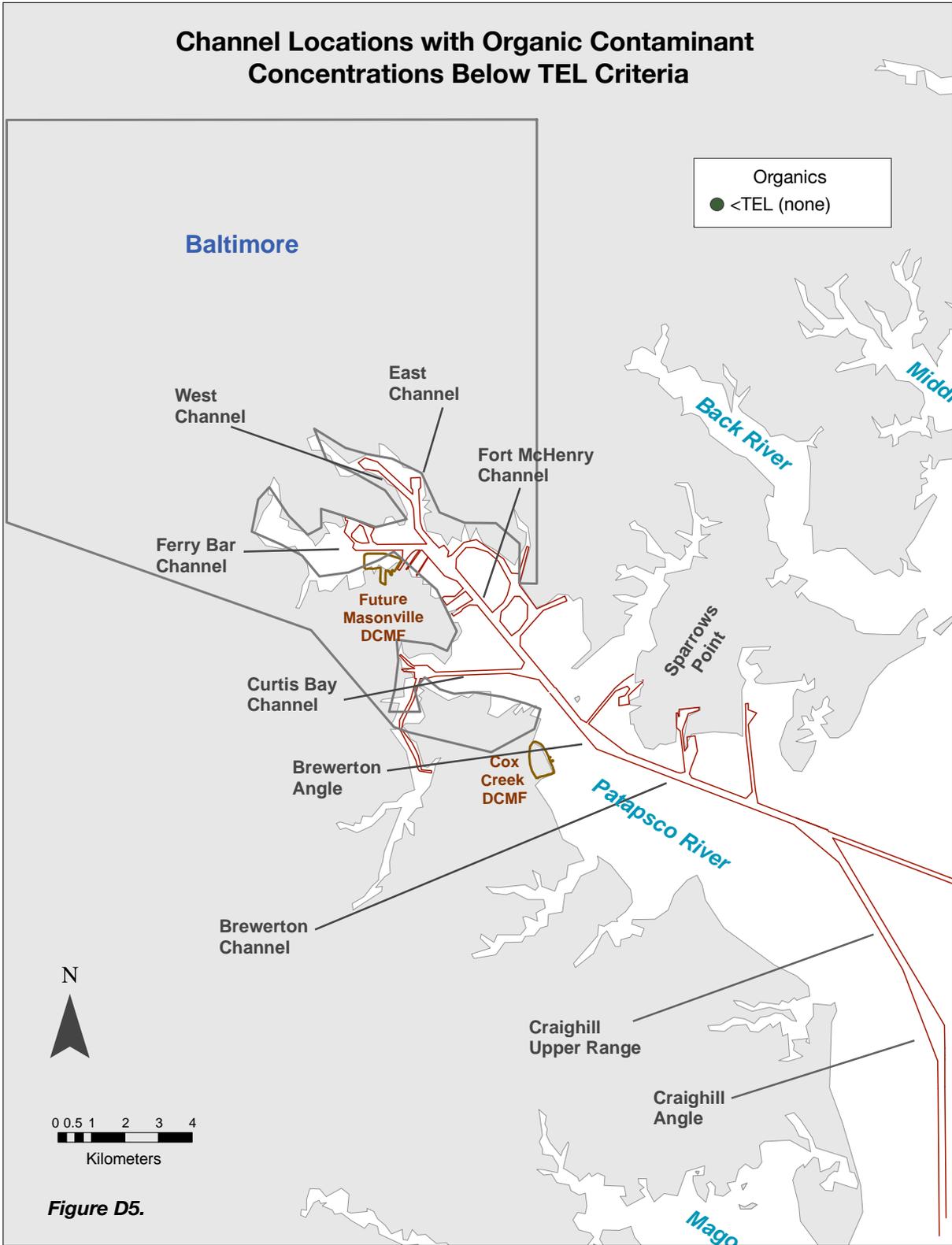
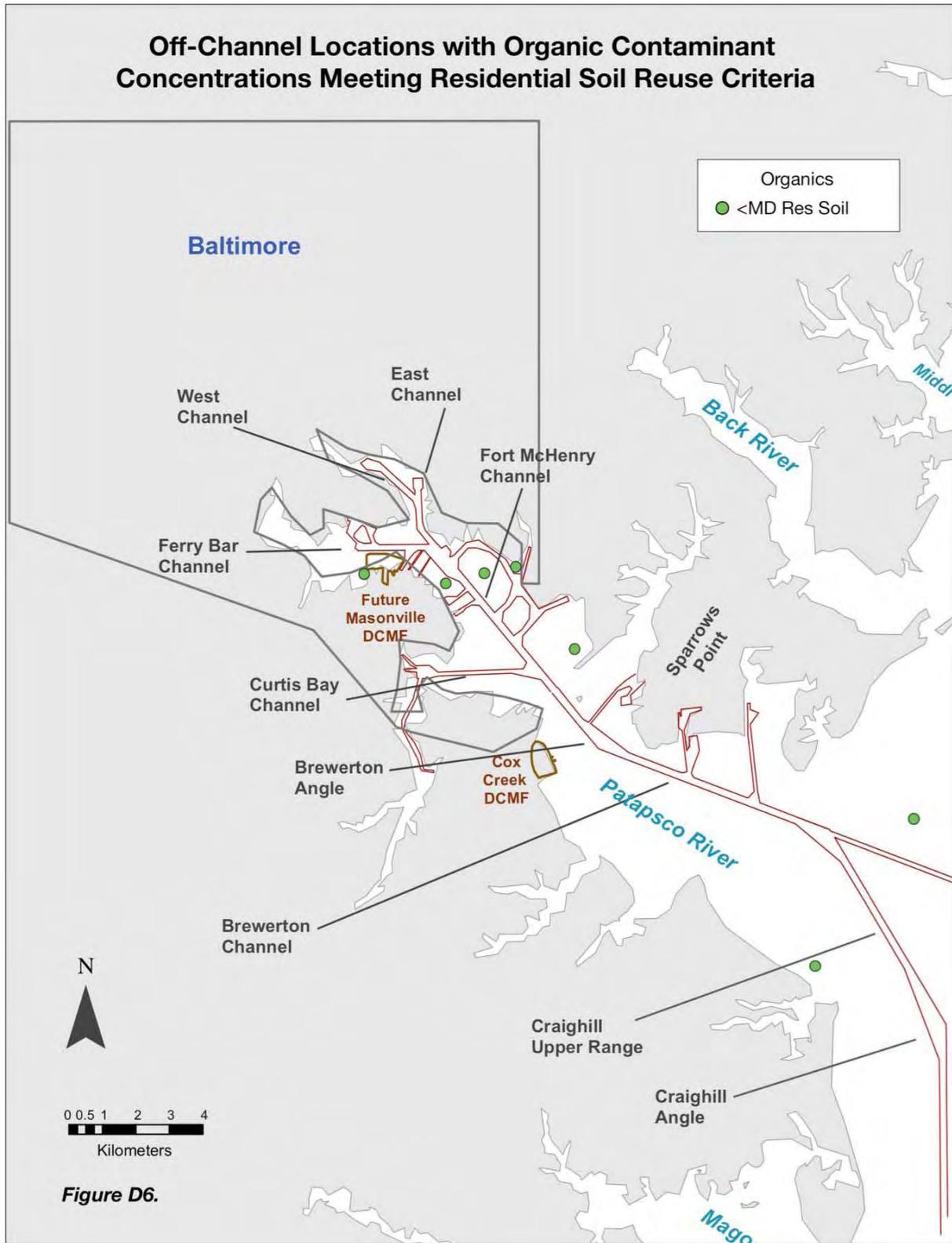


Figure D3.







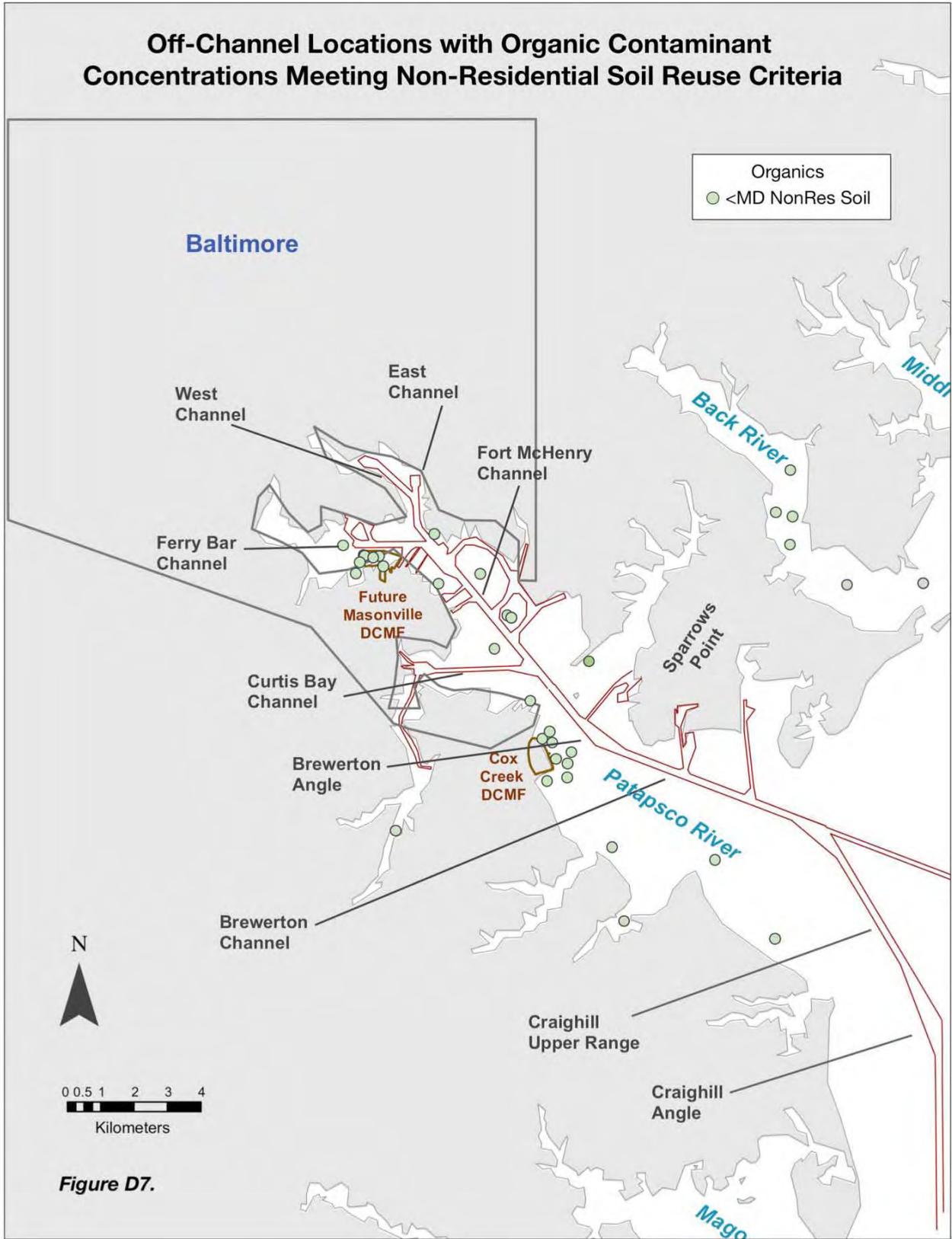


Figure D7.

