

Appendix D.8

Hazardous Material Sites and Solid Waste

BALTIMORE-WASHINGTON SUPERCONDUCTING MAGLEV PROJECT

DRAFT ENVIRONMENTAL IMPACT STATEMENT AND
SECTION 4(f) EVALUATION



U.S. Department of Transportation
Federal Railroad Administration



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Appendix D.8 Hazardous Material Sites and Solid Waste

D.8.1 Supplemental Methodology

This search yielded more than 2,600 identified sites. A Risk Ranking was developed for each site of potential concern for all Build Alternatives, using this formula:

Risk Ranking = Listing Score + Distance Adjustment + Additional Adjustment

Details of the three-step process developed to create and assign one of the following 5 Risk Rankings listed, are described below.

- 5 – High Risk
- 4 – Medium High Risk
- 3 – Medium Risk
- 2 – Low Risk
- 1 – Insignificant Risk

Step 1 – Identification of Sites of Potential Concern and Listing Scores

Due to the large number of sites listed in the EDR search, FRA focused the evaluation on 33 databases that listed sites where hazardous substances have been identified or are more likely to be present. Using the definition of each database and best professional judgement, FRA identified the relative risk posed by sites in each database to assign a Listing Score using numerical indicators 2 through 5, as listed above. In cases where sites were listed in multiple databases, the sites were assigned the highest Listing Score of the databases. No selected databases were assigned a 1 - “insignificant risk.” The Listing Score therefore reflects the relative risk of each site based solely on the database(s) in which it is listed. **Table D.8-1** provides a list of the 33 databases, number of sites identified, and the identified Listing Score for those sites.

The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), is a Superfund program created as a result of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) enacted by Congress in 1980. Both CERCLIS and non-CERCLIS databases are listed below. The National Priorities List (NPL) includes those of national priority among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The two NPL sites identified have been given the highest listing score. All other databases, whether a superfund site or not, range from a listing score of between 2 and 4. Prior to final design and construction, all sites are likely to require site investigations to assess risk, and this may require site-level risk analyses.

Table D.8-1: Step 1 Priority Databases and Listing Scores

Source	Database (Listing)	Sites	Listing Score
Federal	National Priority List (NPL)	2	5
	Delisted NPL	2	2
	Superfund Enterprise Management System - SEMS (CERCLIS)	7	4
	SEMS Archive	28	2
	Corrective Action Report - CORRACTS (RCRA)	6	4
	US ENG CONTROLS - Engineering Controls	5	3
	US INST CONTROL - Institutional Controls	5	3
	ERNS - Emergency Response Notification System	2	3
	US Brownfields	39	3
	FUDS - Formerly Utilized Defense Sites	6	3
	CONSENT Superfund Consent Decrees	0	5
	ROD - NPL Records of Decision	3	4
	LEAD SMELTERS	6	3
State and Local	MD SHWS – Notice of Potential Hazardous Waste Sites	0	4
	MD SWF/LF – Permitted Solid Waste Disposal Facilities	2	3
	DC SWF/LF – Solid Waste Facility Listing	3	3
	DC LUST – Leaking Underground Storage Tanks	163	4
	MD OCPCASES – Oil Control Program Cases	565	4
	MD HIST LUST – Historical LUSTs	27	3
	MD HIST UST	181	3
	DC HIST UST	74	3
	MD ENG CONTROLS	8	2
	MD INST CONTROLS	15	2
	MD VCP – Voluntary Cleanup Program	11	3
	DC VCP	5	3
	MD LRP – Land Restoration Program	57	4
	MD DRYCLEANERS	5	2
	MD BROWNFIELDS	8	2
	DC BROWNFIELDS	40	2
	DC RGA LUST – Recovered Govt Archive	24	3
EDR Proprietary	EDR MGP – Manufactured Gas Plants	8	4
	EDR Historical Gas Stations	92	2
	EDR Historical Dry Cleaners	33	3

Step 2 – Distance Adjustment

The distance of identified sites from the proposed Build Alternatives was also considered by FRA based on three factors: distance from the site SCMAGLEV Project limits; estimated direction of groundwater flow; and whether the LOD closest to the

identified site was associated with a surface or subsurface Project element. A Distance Adjustment was then assigned to account for these factors. Sites located within the LOD were considered to pose a higher risk than sites outside the LOD and at greater distances; however, sites outside the LOD could still be of concern due to potential groundwater transport of contaminants. Topography was used to make general assumptions of groundwater flow direction. Sites located within or near tunnel sections of the LOD pose a lower risk than sites on or near surface section of the LOD because the depth of the tunnel reduces the likelihood of near surface hazardous material being encountered. **Table D.8-2** provides the assigned distance adjustment assigned and used to create the Risk Ranking.

Table D.8-2: Step 2 Distance Adjustments

Site Location	Distance Adjustment
In the LOD or within 50 feet of the LOD	0
Within 250 feet of LOD, Surface – Up gradient	-1
Between 50 feet and 250 feet of LOD, Surface – Downgradient	-2
Within 250 feet of LOD, Tunnel – Up gradient	-2
Between 50 feet and 250 feet of LOD, Tunnel – Downgradient	-3
Between 250 feet and 1,320 feet from LOD – Up gradient	-3
Between 250 feet and 1,320 feet from LOD – Downgradient	-4

Step 3 – Additional Adjustment

Further adjustments were based on additional information from various sources:

- Site status details as provided in the EDR report;
- Site-specific information obtained from web research; and
- Site observations made during the windshield surveys.

This information was then used to assign an Additional Adjustment, indicated as a negative 1 or negative 2 or “variable.” An example of an Additional Adjustment could include details from the EDR report identifying a listed site as a leaking underground storage tank (LUST) case, indicating that the case was “closed” or no further cleanup was necessary. The site was considered less of a hazard and assigned an Additional Adjustment of negative 2. **Table D.8-3** below provides the list of adjustments that were identified for the Project.

Additional research on National Priority List (NPL) sites, Fort George G. Meade and Beltsville Agricultural Research Center (BARC), because of their large size and the Listing Score for NPL sites is high (5) (see **Tables D.8-4 and D.8-5**). These two sites have many locations where hazardous substances have been suspected or identified in the soil or groundwater, and these locations are in various stages of investigation and remediation. Using information available on agency websites, locations were identified within or near the Project LOD, and a determination of the nature of the contamination and the status of remediation was identified. This allowed site-specific adjustments to

the Listing Score in cases where locations have been remediated or the hazardous substances at the locations do not present a risk to the Project. These locations were then designated as “sites,” added to the sites listed in the EDR report, assigned a Listing Score, and assigned additional adjustments included as appropriate to the Listing Score.

Table D.8-3: Step 3 Additional Adjustments

Sites with Adjustments	Reason for Adjustment	Additional Adjustment
MD OPCASES and MD Historical LUST Cases listed as “closed” in EDR Report	Regulator considers no further cleanup necessary	-2
DC LUST Case listed as “closed” in document on DOEE website	Regulator considers no further cleanup necessary	-2
Fort George G. Meade	Specific locations within the property relative to the LOD and other available information	Variable (see Table 4)
Beltsville Agricultural Research Center (BARC)	Specific locations within the BARC site relative to the LOD and other available information	Variable (see Table 5)
Patuxent Research Refuge (PRR)	Specific locations within the PRR site relative to the LOD and other available information	Variable
Sites recently redeveloped, as observed in the windshield survey	Contamination assumed to be cleaned up during site redevelopment	-2

D.8.2 Supplemental Site Data

Table D.8-4: Fort Meade NPL Locations of Potential Concern

Designation	Name	Concern	Status	Source	Additional Adjustment
FGGM95 (OU-45) A	Possible Dump Site	Hazardous Substances	No Further Action (NFA)	Site Management Plan, 2016 Update	-3
FGGM95 (OU-45) B	Possible Dump Site	Hazardous Substances	NFA	Site Management Plan, 2016 Update	-3

Table D.8-5: BARC NPL Locations of Potential Concern

Designation	Name	Concern	Status	Source	Additional Adjustment
BARC 12 Plume	Chemical Disposal Pit	Migration of solvents in ground water	Groundwater plume extends beneath Affected Environment, Remedial Action Plan being prepared	Remedial Investigation (RI) Report	-1
BARC 14	Airport Mixing Pad	pesticides	Cleanup completed in 2010	After-Action Report	-3
BARC 15	Airport Test Droplet Area	pesticides	NFA recommended	Sampling Report	-3
EPIC 47	Undetermined	Used automotive oil	NFA recommended	Sampling Report	-3
BARC 31	B-442 Scrap Area	PCB contamination	Cleanup completed in 2004	BARC Fact Sheet	-3
BARC 32	PCB Storage Area	PCB contamination	Groundwater plume extends beneath Affected Environment	RI Report 2019	-1
Entech R23	DDT Disposal Site	pesticides	Remediation completed	After Action Report	-3

D.8.2.1 Recently Developed Sites

Several sites were assigned an Additional Adjustment of -2 to their Listing Scores due to relatively recent redevelopment as observed in the windshield survey. For example, former gas station and dry cleaner sites listed in Washington, D.C. have been redeveloped into multi-story, mixed-use buildings. Due to regulatory oversight by the District Department of Energy and Environment, these sites have been assumed to have been remediated to acceptable levels during site redevelopment.

D.8.2.2 Build Alternative Summary

A summary of the Risk Rankings for sites associated with each Build Alternative is presented in **Tables D.8-6 through D.8-17**. No sites were assigned a Risk Ranking of 5, the highest risk.

Refer to **Table D.8-18** for an overall listing of site data with a Risk Ranking of 3 or 4 for Build Alternatives J-01 through J-06, as derived from the EDR materials, and **Table D.8-19** for Build Alternatives J1-01 through J1-06.

Table D.8-6: Build Alternative J-01

Risk Ranking	Alignment	Stations			TMF	Total
	BWP East	Mount Vernon Square East	BWI Marshall Airport	Cherry Hill	MD 198	
5-High	0	0	0	0	0	0
4-Medium High	11	0	0	0	0	11
3-Medium	30	1	0	9	0	40
2-Low	54	19	1	20	1	95
1-Insignificant	596	80	7	75	2	760
Totals	691	100	8	104	3	906

Table D.8-7: Build Alternative J-02

Risk Ranking	Alignment	Stations			TMF	Total
	BWP East	Mount Vernon Square East	BWI Marshall Airport	Cherry Hill	BARC Airstrip	
5-High	0	0	0	0	0	0
4-Medium High	11	0	0	0	2	13
3-Medium	30	1	0	9	7	47
2-Low	54	19	1	20	2	96
1-Insignificant	596	80	7	75	2	760
Totals	691	100	8	104	13	916

Table D.8-8: Build Alternative J-03

Risk Ranking	Alignment	Stations			TMF	Total
	BWP East	Mount Vernon Square East	BWI Marshall Airport	Cherry Hill	BARC West	
5-High	0	0	0	0	0	0
4-Medium High	11	0	0	0	0	11
3-Medium	30	1	0	9	0	40
2-Low	54	19	1	20	1	95
1-Insignificant	596	80	7	75	4	762
Totals	691	100	8	104	5	908

Table D.8-9: Build Alternative J-04

Risk Ranking	Alignment	Stations			TMF	Total
	BWP East	Mount Vernon Square East	BWI Marshall Airport	Camden Yards	MD 198	
5-High	0	0	0	0	0	0
4-Medium High	11	0	0	1	0	12
3-Medium	30	1	0	0	0	31
2-Low	54	19	1	8	1	83
1-Insignificant	596	80	7	96	2	781
Totals	691	100	8	105	3	907

Table D.8-10: Build Alternative J-05

Risk Ranking	Alignment	Stations			TMF	Total
	BWP East	Mount Vernon Square East	BWI Marshall Airport	Camden Yards	BARC Airstrip	
5-High	0	0	0	0	0	0
4-Medium High	11	0	0	1	2	14
3-Medium	30	1	0	0	7	38
2-Low	54	19	1	8	2	84
1-Insignificant	596	80	7	96	2	781
Totals	691	100	8	105	13	917

Table D.8-11: Build Alternative J-06

Risk Ranking	Alignment	Stations			TMF	Total
	BWP East	Mount Vernon Square East	BWI Marshall Airport	Camden Yards	BARC West	
5-High	0	0	0	0	0	0
4-Medium High	11	0	0	1	0	12
3-Medium	30	1	0	0	0	31
2-Low	54	19	1	8	1	83
1-Insignificant	596	80	7	96	4	783
Totals	691	100	8	105	5	909

Table D.8-12: Build Alternative J1-01

Risk Ranking	Alignment	Stations			TMF	Total
	BWP West	Mount Vernon Square East	BWI Marshall Airport	Cherry Hill	MD 198	
5-High	0	0	0	0	0	0
4-Medium High	6	0	0	0	0	6
3-Medium	26	1	0	9	0	36
2-Low	57	19	1	20	0	97
1-Insignificant	563	80	7	75	6	731
Totals	652	100	8	104	6	870

Table D.8-13: Build Alternative J1-02

Risk Ranking	Alignment	Stations			TMF	Total
	BWP West	Mount Vernon Square East	BWI Marshall Airport	Cherry Hill	BARC Airstrip	
5-High	0	0	0	0	0	0
4-Medium High	6	0	0	0	0	6
3-Medium	26	1	0	9	1	37
2-Low	57	19	1	20	0	97
1-Insignificant	563	80	7	75	0	725
Totals	652	100	8	104	1	865

Table D.8-14: Build Alternative J1-03

Risk Ranking	Alignment	Stations			TMF	Total
	BWP West	Mount Vernon Square East	BWI Marshall Airport	Cherry Hill	BARC West	
5-High	0	0	0	0	0	0
4-Medium High	6	0	0	0	0	6
3-Medium	26	1	0	9	0	36
2-Low	57	19	1	20	0	97
1-Insignificant	563	80	7	75	0	725
Totals	652	100	8	104	0	864

Table D.8-15: Build Alternative J1-04

Risk Ranking	Alignment	Stations			TMF	Total
	BWP West	Mount Vernon Square East	BWI Marshall Airport	Camden Yards	MD 198	
5-High	0	0	0	0	0	0
4-Medium High	6	0	0	1	0	7
3-Medium	26	1	0	0	0	27
2-Low	57	19	1	8	0	85
1-Insignificant	563	80	7	96	6	752
Totals	652	100	8	105	6	871

Table D.8-16: Build Alternative J1-05

Risk Ranking	Alignment	Stations			TMF	Total
	BWP West	Mount Vernon Square East	BWI Marshall Airport	Camden Yards	BARC Airstrip	
5-High	0	0	0	0	0	0
4-Medium High	6	0	0	1	0	7
3-Medium	26	1	0	0	1	28
2-Low	57	19	1	8	0	85
1-Insignificant	563	80	7	96	0	746
Totals	652	100	8	105	1	866

Table D.8-17: Build Alternative J1-06

Risk Ranking	Alignment	Stations			TMF	Total
	BWP West	Mount Vernon Square East	BWI Marshall Airport	Camden Yards	BARC West	
5-High	0	0	0	0	0	0
4-Medium High	6	0	0	1	0	7
3-Medium	26	1	0	0	0	27
2-Low	57	19	1	8	0	85
1-Insignificant	563	80	7	96	0	746
Totals	652	100	8	105	0	865

Table D.8.18: Build Alternative J Site Data

ENVID	NAME	CITY	Align Group	Orientation	Alt J Distance (ft)	Higher/Lower than LOD?	Listing Score	Distance Adjustment	Additional Adjustment	Risk Ranking (LS + DA + AA)	MAP ID
U003764192	CRUSTY PIE CO	WASHINGTON	Alignment	Surface	28	LOWER	4	0	0	4	3
U003764193	52 O STREET	WASHINGTON	Alignment	Surface	50	LOWER	4	0	0	4	5
U002110985	1765	WASHINGTON	Alignment	Surface	39	HIGHER	4	0	0	4	10
U002111373	AMOCO GAS STATION	WASHINGTON	Alignment	Surface	16	HIGHER	4	0	0	4	11
U003055688	UNKNOWN	WASHINGTON	Alignment	Surface	37	LOWER	4	0	0	4	14
S104599362	VILLAGES AT MONTPELIER	LAUREL	Alignment	Surface	14	LOWER	4	0	0	4	21
S109326162	D.C. C HILLDREN'S CENTER	ANNE ARUNDEL	Alignment	Surface	15	HIGHER	4	0	0	4	23
S113768403	OAK HILL YOUTH CENTER THERAPY BLDG	LAUREL	Alignment	Surface	15	HIGHER	4	0	0	4	23
U004126652	BALTIMORE TANK LINES AT OAK HILL YOUTH SERVICE CNTR	LAUREL	Alignment	Surface	15	HIGHER	4	0	0	4	23
S112333338	BUCK'S AUTO DUMP	BALTIMORE	Alignment	Surface	15	HIGHER	4	0	0	4	40
S109488986	LAFARGE PROPERTY	BALTIMORE	Camden Station	Surface	27	LOWER	4	0	0	4	41
	PWRR HEI Area		Alignment	Surface	0	LOWER	4	0	0	4	43
S105029698	YOUNG KIM	WASHINGTON	MVS Station	Surface	130	HIGHER	4	-1	0	3	1
1009133000	UNIVERSITY CLEANERS & DYERS	WASHINGTON	Alignment	Surface	32	HIGHER	3	0	0	3	2
U003764194	1418 FIRST STREET	WASHINGTON	Alignment	Surface	69	HIGHER	4	-1	0	3	4
S105029696	DOUGLAS DEVELOPMENT CORP	WASHINGTON	Alignment	Surface	217	HIGHER	4	-1	0	3	6
U003764196	ABANDONED SERVICE STATION	WASHINGTON	Alignment	Surface	217	HIGHER	4	-1	0	3	6
U003055687	HARRIS FAMILY TRUST	WASHINGTON	Alignment	Surface	175	HIGHER	4	-1	0	3	7
U003763930	HECHT'S COMPANY WAREHOUSE	WASHINGTON	Alignment	Surface	244	HIGHER	4	-1	0	3	8
S110337751	UNKNOWN	WASHINGTON	Alignment	Surface	29	LOWER	3	0	0	3	9
S110337848	UNKNOWN	WASHINGTON	Alignment	Surface	41	LOWER	3	0	0	3	12

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ENVID	NAME	CITY	Align Group	Orientation	Alt J Distance (ft)	Higher/Lower than LOD?	Listing Score	Distance Adjustment	Additional Adjustment	Risk Ranking (LS + DA + AA)	MAP ID
S110338002	UNKNOWN	WASHINGTON	Alignment	Surface	16	LOWER	3	0	0	3	13
U003763888	J.B. KENDALL COMPANY.	WASHINGTON	Alignment	Surface	116	HIGHER	4	-1	0	3	15
S101505354	SECRET SERVICE FAC, SECURITY BLDG		BARC EAST TMF	Surface	14	LOWER	3	0	0	3	18
S108475069	SECRET SERVICE FACILITY	LAUREL	BARC EAST TMF	Surface	88	HIGHER	4	-1	0	3	19
S113768044	US SECRET SERVICE	LAUREL	BARC EAST TMF	Surface	88	HIGHER	4	-1	0	3	19
S121712352	JAMES J ROWLEY TRAINING CENTER	LAUREL	BARC EAST TMF	Surface	88	HIGHER	4	-1	0	3	19
S121712415	SECRET SERVICE TRAINING CENTER	BELTSVILLE	BARC EAST TMF	Surface	88	HIGHER	4	-1	0	3	19
S121712778	US SECRET SERVICE	LAUREL	BARC EAST TMF	Surface	88	HIGHER	4	-1	0	3	19
S121712854	US SECRET SERVICE	GREENBELT	BARC EAST TMF	Surface	88	HIGHER	4	-1	0	3	19
S104639219	EVERGREEN AT LAUREL APTS	LAUREL	Alignment	Surface	177	HIGHER	4	-1	0	3	20
S113769649	EVERGREENS OF LAUREL	LAUREL	Alignment	Surface	177	HIGHER	4	-1	0	3	20
S104642066	EXXON S\S 2-6933	LAUREL	Alignment	Surface	200	HIGHER	4	-1	0	3	22
S108474309	EXXON #26943	LAUREL	Alignment	Surface	200	HIGHER	4	-1	0	3	22
S121712637	EXXON #26943	LAUREL	Alignment	Surface	200	HIGHER	4	-1	0	3	22
	FGGM95 (OU-45) B		Alignment	Surface	243	LOWER	5	-2	0	3	24
S107193353		LINTHICUM HEIGH	Alignment	Tunnel	18	HIGHER	3	0	0	3	25
S121372220		LINTHICUM	Alignment	Tunnel	18	HIGHER	3	0	0	3	25
S111863237		LINTHICUM	Alignment	Tunnel	25	HIGHER	3	0	0	3	26
S104628823	TAUBER'S SERVICE, INC.	LINTHICUM HEIGHTS	Alignment	Tunnel	8	LOWER	3	0	0	3	27
U003753815	TAUBER'S SERVICE, INC.	LINTHICUM HEIGHTS	Alignment	Tunnel	8	LOWER	3	0	0	3	27
U003754515	CAMP MEADE SHELL #525	LINTHICUM HEIGHTS	Alignment	Tunnel	30	HIGHER	3	0	0	3	28
S108252003		HALETHORPE	Alignment	Tunnel	9	LOWER	3	0	0	3	29
1018449961	PREMIUM DRY CLEANING	BALTIMORE	Alignment	Tunnel	38	LOWER	3	0	0	3	30
1018666739	WASH CLOTH LAUNDERMAT	BALTIMORE	Cherry Hill Station	Surface	40	HIGHER	3	0	0	3	31
S117334327		BALTIMORE	Cherry Hill Station	Surface	18	LOWER	3	0	0	3	32
U004065877	STEEL AND WIRE PRODCUTS COMPANY,	BALTIMORE	Cherry Hill Station	Surface	20	HIGHER	3	0	0	3	33

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	INC.										
ENVID	NAME	CITY	Align Group	Orientation	Alt J Distance (ft)	Higher/Lower than LOD?	Listing Score	Distance Adjustment	Additional Adjustment	Risk Ranking (LS + DA + AA)	MAP ID
S104630193	E.I. KANE INTERMODAL TRANSPORT	BALTIMORE	Cherry Hill Station	Surface	46	LOWER	3	0	0	3	34
U004065790	H&E EQUIPMENT BRANCH #1115	BALTIMORE	Cherry Hill Station	Surface	46	LOWER	3	0	0	3	34
S104636473	NATIONAL FREIGHT, INC.	BALTIMORE	Cherry Hill Station	Surface	49	LOWER	3	0	0	3	35
U004011530	FORMER NATIONAL FREIGHT	BALTIMORE	Cherry Hill	Surface	49	LOWER	3	0	0	3	35
S104630094	HOUFF TRANSFER, INC.	BALTIMORE	Alignment	Surface	20	LOWER	3	0	0	3	36
U003753278	HOUFF TRANSFER, INC.	BALTIMORE	Alignment	Surface	20	LOWER	3	0	0	3	36
U004011429	HOUFF TRANSFER INC.	BALTIMORE	Alignment	Surface	22	HIGHER	3	0	0	3	37
S108950724	2940 WATERVIEW AVENUE	BALTIMORE	Cherry Hill Station	Surface	87	HIGHER	4	-1	0	3	38
S120842094	HARBOR GREEN LLC	BALTIMORE	Cherry Hill Station	Surface	87	HIGHER	4	-1	0	3	38
1000341158	ALFORD PACKAGING	BALTIMORE	Alignment	Surface	228	HIGHER	4	-1	0	3	39
9041526		BALTIMORE	Alignment	Surface	15	HIGHER	3	0	0	3	40
S110089967	FORMER WESTPORT GENERATING STATION	BALTIMORE	Alignment	Surface	94	HIGHER	4	-1	0	3	42

Table D.8-19: Build Alternative J1 Site Data

ENVID	NAME	CITY	Align Group	Orientation	Alt J1 Distance (ft)	Higher/Lower than LOD?	Listing Score	Distance Adjustment	Additional Adjustment	Risk Ranking (LS + DA + AA)	MAP ID
U003764192	CRUSTY PIE CO	WASHINGTON	Alignment	Surface	28	LOWER	4	0	0	4	3
U003764193	52 O STREET	WASHINGTON	Alignment	Surface	50	LOWER	4	0	0	4	5
U002110985	1765	WASHINGTON	Alignment	Surface	39	HIGHER	4	0	0	4	10
U002111373	AMOCO GAS STATION	WASHINGTON	Alignment	Surface	16	HIGHER	4	0	0	4	11
U003055688	UNKNOWN	WASHINGTON	Alignment	Surface	37	LOWER	4	0	0	4	14
S112333338	BUCK'S AUTO DUMP	BALTIMORE	Alignment	Surface	15	HIGHER	4	0	0	4	40
S109488986	LAFARGE PROPERTY	BALTIMORE	Camden Station	Surface	27	LOWER	4	0	0	4	41
S105029698	YOUNG KIM	WASHINGTON	MVS Station	Surface	130	HIGHER	4	-1	0	3	1
1009133000	UNIVERSITY CLEANERS & DYERS	WASHINGTON	Alignment	Surface	32	HIGHER	3	0	0	3	2
U003764194	1418 FIRST STREET	WASHINGTON	Alignment	Surface	69	HIGHER	4	-1	0	3	4
S105029696	DOUGLAS DEVELOPMENT CORP	WASHINGTON	Alignment	Surface	217	HIGHER	4	-1	0	3	6
U003764196	ABANDONED SERVICE STATION	WASHINGTON	Alignment	Surface	217	HIGHER	4	-1	0	3	6
U003055687	HARRIS FAMILY TRUST	WASHINGTON	Alignment	Surface	175	HIGHER	4	-1	0	3	7
U003763930	HECHT'S COMPANY WAREHOUSE	WASHINGTON	Alignment	Surface	244	HIGHER	4	-1	0	3	8
S110337751	UNKNOWN	WASHINGTON	Alignment	Surface	29	LOWER	3	0	0	3	9
S110337848	UNKNOWN	WASHINGTON	Alignment	Surface	41	LOWER	3	0	0	3	12
S110338002	UNKNOWN	WASHINGTON	Alignment	Surface	16	LOWER	3	0	0	3	13
U003763888	J.B. KENDALL COMPANY.	WASHINGTON	Alignment	Surface	116	HIGHER	4	-1	0	3	15
S101505354	SECRET SERVICE FAC, SECURITY BLDG		BARC EAST TMF	Surface	14	LOWER	3	0	0	3	18
S104639219	EVERGREEN AT LAUREL APTS	LAUREL	Alignment	Surface	177	HIGHER	4	-1	0	3	20
S113769649	EVERGREENS OF LAUREL	LAUREL	Alignment	Surface	177	HIGHER	4	-1	0	3	20
S107193353		LINTHICUM HEIGH	Alignment	Tunnel	18	HIGHER	3	0	0	3	25
S121372220		LINTHICUM	Alignment	Tunnel	18	HIGHER	3	0	0	3	25
S111863237		LINTHICUM	Alignment	Tunnel	25	HIGHER	3	0	0	3	26
S104628823	TAUBER'S SERVICE, INC.	LINTHICUM HEIGHTS	Alignment	Tunnel	8	LOWER	3	0	0	3	27
U003753815	TAUBER'S SERVICE, INC.	LINTHICUM HEIGHTS	Alignment	Tunnel	8	LOWER	3	0	0	3	27
U003754515	CAMP MEADE SHELL #525	LINTHICUM HEIGHTS	Alignment	Tunnel	30	HIGHER	3	0	0	3	28
S108252003		HALETHORPE	Alignment	Tunnel	9	LOWER	3	0	0	3	29
1018449961	PREMIUM DRY CLEANING	BALTIMORE	Alignment	Tunnel	38	LOWER	3	0	0	3	30

Appendix D.8 Hazardous Material
Sites and Solid Waste

ENVID	NAME	CITY	Align Group	Orientation	Alt J1 Distance (ft)	Higher/Lower than LOD?	Listing Score	Distance Adjustment	Additional Adjustment	Risk Ranking (LS + DA + AA)	MAP ID
1018666739	WASH CLOTH LAUNDERMAT	BALTIMORE	Cherry Hill Station	Surface	40	HIGHER	3	0	0	3	31
S117334327		BALTIMORE	Cherry Hill Station	Surface	18	LOWER	3	0	0	3	32
U004065877	STEEL AND WIRE PRODCUTS COMPANY, INC.	BALTIMORE	Cherry Hill Station	Surface	20	HIGHER	3	0	0	3	33
S104630193	E.I. KANE INTERMODAL TRANSPORT	BALTIMORE	Cherry Hill Station	Surface	46	LOWER	3	0	0	3	34
U004065790	H&E EUIPMENT BRANCH #1115	BALTIMORE	Cherry Hill Station	Surface	46	LOWER	3	0	0	3	34
S104636473	NATIONAL FREIGHT, INC.	BALTIMORE	Cherry Hill Station	Surface	49	LOWER	3	0	0	3	35
U004011530	FORMER NATIONAL FREIGHT	BALTIMORE	Cherry Hill Station	Surface	49	LOWER	3	0	0	3	35
S104630094	HOUFF TRANSFER, INC.	BALTIMORE	Alignment	Surface	20	LOWER	3	0	0	3	36
U003753278	HOUFF TRANSFER, INC.	BALTIMORE	Alignment	Surface	20	LOWER	3	0	0	3	36
U004011429	HOUFF TRANSFER INC.	BALTIMORE	Alignment	Surface	22	HIGHER	3	0	0	3	37
S108950724	2940 WATERVIEW AVENUE	BALTIMORE	Cherry Hil Station	Surface	87	HIGHER	4	-1	0	3	38
S120842094	HARBOR GREEN LLC	BALTIMORE	Cherry Hil Station	Surface	87	HIGHER	4	-1	0	3	38
1000341158	ALFORD PACKAGING	BALTIMORE	Alignment	Surface	228	HIGHER	4	-1	0	3	39
9041526		BALTIMORE	Alignment	Surface	15	HIGHER	3	0	0	3	40
S110089967	FORMER WESTPORT GENERATING STATION	BALTIMORE	Alignment	Surface	94	HIGHER	4	-1	0	3	42