

Table 1
Phase I ESA Findings Table
Sparrows Point, Maryland

Finding	¹ SWMU/ AOC #	Description	Status During Phase I ESA Site Reconnaissance	Phase I ESA Conclusion	² Basis for Phase I ESA Conclusion	¹ RFA Det. Code	DCC Report Recommended Action	¹ Basis For DCC Report Recommendation
Tin Mill Canal and Finishing Mills Area								
1	1	Tin Mill Canal (TMC)	Present and observed	REC	The DCC Report recommended further action was needed for this item. The TMC is included as a Special Study Area under the Consent Decree. In addition, during the site visit oil and grease impacted sediments were observed in the TMC. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Consent Decree "Special Study Area"
2	2	TMC Discharge Pipes	Present and observed	REC	The DCC Report recommended further action was needed for this item. The TMC is included as a Special Study Area under the Consent Decree. During the site visit turbid discharges from several pipes was observed flowing into the TMC. The potential for continuing discharge of residual contaminants may remain. Based on this information, the potential for a material release to the environment is present.	SD	Further Action	Include in SWMU 1 Evaluation
3	3	TMC Oil Skimming Devices	Present and observed	REC	The DCC Report recommended further action was needed for this item. The TMC is included as a Special Study Area under the Consent Decree. In addition, during the site visit the skimming devices were observed to be coated with oil and grease. Based on this information, the potential for a material release which may impact the environment is present. It is Weaver Boos understanding that this equipment is scheduled to be removed as part of continuing demolition activities.	SD	Further Action	Include in SWMU 1 Evaluation
4	4	TMC Dredging Containment Areas	No longer present, areas observed	REC	The DCC Report recommended further action was needed for this item (see Finding 6). The TMC is included as a Special Study Area under the Consent Decree. Based on our review of historical source information and experience, dredged materials from the TMC may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment. During the site visit the areas were observed to be level and paved with slag or vegetated.	SD	Further Action	Undifferentiated with SWMU 6, include in SWMU 1 Evaluation
5	5	TMC Waste Oil Storage Tanks	Present and observed	REC	The DCC Report recommended further action was needed for this item. The TMC is included as a Special Study Area under the Consent Decree. In addition, the storage tanks were observed in poor condition, with secondary containment compromised and oily contents leaking into the TMC. Based on this information, the potential for a material release which may impact the environment is present. It is Weaver Boos understanding that this equipment is scheduled to be removed as part of continuing demolition activities.	SD	Further Action	Include in SWMU 1 Investigation
6	6	TMC Impoundments	No longer present, areas observed	REC	The DCC Report recommended further action was needed for this item (see Finding 4). The TMC is included as a Special Study Area under the Consent Decree. Based on our review of historical source information and experience, an impoundment is typically associated with the placement of materials potentially containing hazardous substances and/or petroleum products which may have resulted in a release to the environment. During the site visit the areas were observed to be level and paved with slag or vegetated.	SD	Further Action	Undifferentiated with SWMU 4, include in SWMU 1 Evaluation
7	7	Recent TMC Embankment Dredgings	No longer present, areas observed	REC	The DCC Report recommended further action was needed for this item. The TMC is included as a Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the dredgings may have potentially contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	SD	Further Action	Include in SWMU 1 Evaluation
8	8	TMC Brill Skimmer Pits	Present and observed	REC	The DCC Report recommended further action was needed for this item. The skimmer pits are part of the TMC which is included as a Special Study Area under the Consent Decree. In addition, during the site visit oil and grease impacted sediments were observed in the skimmer pits. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Include in SWMU 1 Evaluation
9	9	Former TMC Oil Collection Dumpster	No longer present, areas observed	REC	The DCC Report recommended further action was needed for this item. The TMC is included as a Special Study Area under the Consent Decree. No obvious impact was observed during the site visit. However, in our experience, an oil collection dumpster may have potentially been a source for a release of petroleum products to the environment. During the site visit the area were observed to be paved with slag with no specific indication of the dumpsters former presence.	SD	Further Action	Include in SWMU 1 Evaluation
10	18	Chrome Recovery Reduction Tank	Present and observed	Non-REC	The DCC Report stated this treatment process unit was not observed to be releasing at the time of the DCC Report. In addition, no obviously apparent release was seen during site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this tank.	TP	---	---
11	19	Chrome Recovery Neutralization Tank	Present and observed	Non-REC	The DCC Report stated this treatment process unit was not observed to be releasing at the time of the DCC Report. In addition, no obviously apparent release was seen during site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this tank.	TP	---	---
12	20	Chrome Recovery Floc Tank	Present and observed	Non-REC	The DCC Report stated this treatment process unit was not observed to be releasing at the time of the DCC Report. In addition, no obviously apparent release was seen during site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this tank.	TP	---	---
13	21	Chrome Recovery Thickener	Present and observed	Non-REC	The DCC Report stated this treatment process unit was not observed to be releasing at the time of the DCC Report. In addition, no obviously apparent release was seen during site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with the recovery thickener.	TP	---	---
14	22	Chrome Recovery Sand Filters/Clarifier	Present and observed	Non-REC	The DCC Report stated this treatment process unit was not observed to be releasing at the time of the DCC Report. In addition, no obviously apparent release was seen during site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with these sand filters and clarifiers.	TP	---	---
15	23	Chrome Recovery Rotary Filter Press	Present and observed	Non-REC	The DCC Report stated this treatment process unit was not observed to be releasing at the time of the DCC Report. In addition, no obviously apparent release was seen during site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this filter press.	TP	---	---
16	24	Chrome Recovery Sludge Box	Present and observed	Non-REC	The DCC Report stated this treatment process unit was not observed to be releasing at the time of the DCC Report. In addition, no obviously apparent release was seen during site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this sludge box.	TP	---	---
17	25	Chrome Recovery Piping	Present and observed	Non-REC	The DCC Report stated this treatment process unit was not observed to be releasing at the time of the DCC Report. In addition, no obviously apparent release was seen during site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this recovery piping.	TP	---	---
18	26	Chrome Recovery Filtrate Sump	Present and observed	Non-REC	The DCC Report stated this treatment process unit was not observed to be releasing at the time of the DCC Report. In addition, no obviously apparent release was seen during site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this filtrate sump.	SD	No Further Action	Non-releasing unit, wastes managed within closed treatment system
19	54	Coating Lines Blind Sumps	Present, but not observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, materials in the coating lines and sumps may contain hazardous substances and/or petroleum products which may have resulted in a release to the environment. Weaver Boos understands that the blind sumps are to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Include in SWMU 1 Evaluation
20	55	Cold Sheet Mill Quencher	Present, but not observed	Non-REC	Listed as a DCC Report finding observed to be indoors and not releasing. Being that the quencher was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the quencher has not been identified as a recognized environmental condition.	I	---	---
21	56	Cold Sheet Mill Scrubber	Present, but not observed	Non-REC	Listed as a DCC Report finding observed to be indoors and not releasing. Being that the scrubber was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the scrubber has not been identified as a recognized environmental condition.	I	---	---
22	57	Cold Sheet Mill Wet Well	Present, but not observed	Non-REC	Listed as a DCC Report finding observed to be indoors and not releasing. Being that the wet well was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the wet well has not been identified as a recognized environmental condition.	I	---	---
23	58	Cold Sheet Mill Piping	Present, but not observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, materials in the cold sheet mill piping may contain hazardous substances and/or petroleum products which may have resulted in a release to the environment. Weaver Boos understands that the cold sheet mill piping is to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Evaluation
24	59	Tandem Mill Trench System	Present, but not observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, materials located in this trench system may contain hazardous substances and/or petroleum products which may have resulted in a release to the environment. Weaver Boos understands that the tandem mill trench system is to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Evaluation
25	60	Cold Sheet Mill Empty Drum Storage Area	Present, but not observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the empty drum storage area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the empty drum storage area has not been identified as a recognized environmental condition.	NR	---	---
26	61	Cold Sheet Mill Waste Oil Staging Area	Present, but not observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the oil staging area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the oil staging area has not been identified as a recognized environmental condition.	NR	---	---
27	62	Hot Strip Mill Basins	Present and observed	REC	The DCC Report recommended further action was needed for this item. In addition, during the site visit heavy oil and grease impacted scale and staining was observed along the east side of hot strip mill in the basins. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Condition of basins
28	63	Hot Strip Mill Waste Oil Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item. In addition, during the site visit the general area in the vicinity of this former tank was observed to be oil-stained. Based on our review of historical source information and experience, waste oils stored in tanks could potentially leak onto the ground surface thereby impacting the environment.	SD	Further Action	Include in SWMU 62 evaluation
29	64	Hot Strip Mill Oil Skimmer System	Potentially present, area observed	REC	The DCC Report recommended further action was needed for this item. It is unclear if the system is still present, but the general area observed to be oil stained during the site visit. In addition, based on our review of historical source information and experience, the oil skimmer system would likely have handled and contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Include in SWMU 62 evaluation
30	65	Hot Strip Mill Cooling Tower	Present and observed	REC	Listed as a DCC Report finding observed without a release. However, during the site visit heavy oil and grease impacted scale and staining was observed on the low-profile cooling tower and on the ground surface around the cooling tower. Based on our review of historical source information and experience, materials in grease impacted scale likely contain hazardous substances and/or petroleum products which may have resulted in a release to the environment.	NR	---	---
31	66	Hot Strip Mill Waste Oil Collection Point	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the building was in the process of being demolished. Therefore, only the general area was observed. However, being that the waste oil collection point was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the waste oil collection point has not been identified as a recognized environmental condition.	NR	---	---
32	67	Hot Strip Mill Waste Oil Accumulation Area	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed to be indoors and not releasing. During the site visit, the building was in the process of being demolished. Therefore, only the general area was observed. However, being that the waste accumulation area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the waste accumulation area has not been identified as a recognized environmental condition.	I	---	---
33	68	Hot Strip Mill Pickling Area	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed to be indoors and not releasing. During the site visit, the building was in the process of being demolished. Therefore, only the general area was observed. However, being that the pickling area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the pickling area has not been identified as a recognized environmental condition.	I	---	---

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34	69	Hot Strip Mill Satellite Accumulation Area	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed to be indoors and not releasing. During the site visit, the building was in the process of being demolished. Therefore, only the general area was observed. However, being that the satellite accumulation area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the satellite accumulation area has not been identified as a recognized environmental condition.	I	---	---
35	70	Hot Strip Mill Former SPL Tank Site	No longer present, area not observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the building was in the process of being demolished. Therefore, only the general area was observed. However, being that the former SPL tank site was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the former SPL tank site has not been identified as a recognized environmental condition.	NR	---	---
36	71	PORI Oil/Water Separator	Present and observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 73). Please note that the oil recovery system evaluated in the RFA is no longer present, and the system observed during the site visit was new. Approximately half of the system was full of oily water. Based on our review of historical source information, observations and experience, an oil/water separator may potentially contain hazardous substances and/or petroleum products which may have released to the environment. Weaver Boos understands that the oil/water separator is to be cleaned and decommissioned in the future.	SD	Further Action	Include in SWMU 73 evaluation
37	72	PORI Holding Tank	Present and observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 73). Please note that the oil recovery system evaluated in the RFA is no longer present, and the system observed during the site visit was new. Oily staining of the containment below the tank was observed during the site visit. Based on our review of historical source information, observations and experience, the holding tank may potentially contain hazardous substances and/or petroleum products which may have released to the environment. Weaver Boos understands that the holding tank is to be cleaned and decommissioned in the future.	SD	Further Action	Include in SWMU 73 evaluation
38	73	PORI Lagoon	Present, area not observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, materials located in the PORI lagoon contained residual petroleum products from the PORI system which may have resulted in a release to the environment. Weaver Boos understands that this lagoon is part of the TMC remedial effort.	SD	Further Action	Condition of lagoon
39	84	Tin Mill Trenches/Sumps	Present and observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 1). In addition, during the site visit, several trenches and sumps were observed most of which exhibited oil staining which may have resulted in a release to the environment. Weaver Boos understands that the trenches/sumps are to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Evaluation
40	85	Tin Mill Abatement System	Potentially present, area not observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the abatement system was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the abatement system has not been identified as a recognized environmental condition.	NR	---	---
41	86	Tin Mill Sump (Acid Monitoring)	Potentially present, not observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 1). Based on our review of historical source information and experience, sumps in this area handled pickling wastewater and may contain hazardous substances and/or petroleum products which may have resulted in a release to the environment. Weaver Boos understands that the sump and trench system are to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Evaluation
42	87	Tin Mill Waste Oil Satellite Accumulation Area	Potentially present, not observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the waste oil satellite accumulation area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the waste oil satellite accumulation area has not been identified as a recognized environmental condition.	NR	---	---
43	88	Halogen Lines Trenches/Sumps	Present and observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 1). In addition, during the site visit the area was observed with heavy oil staining and a blue chemical residue described as chromium ferrocyanide, which may have resulted in a release to the environment.	SD	Further Action	Include in SWMU 1 Evaluation
44	89	Halogen Lines Oil Skimmer	Potentially present, area not observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the oil skimmer was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the oil skimmer has not been identified as a recognized environmental condition.	NR	---	---
45	90	Halogen Lines Waste Pickle Liquor Tank	Present and observed	Non-REC	Listed as a DCC Report finding observed without a release. In addition, no release was observed during the site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this tank.	NR	---	---
46	91	Halogen Lines Waste Plating Solution Tank	Present and observed	Non-REC	Listed as a DCC Report finding observed without a release. In addition, no release was observed during the site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this tank.	NR	---	---
47	193	Regulated Storage Area	Potentially present, area not observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the regulated storage area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the regulated storage area has not been identified as a recognized environmental condition.	NR	---	---
48	198	Spent Pickle Liquor Sump and Trench System	Potentially present, area observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 1). Based on our review of historical source information and experience, the sump and trench system likely contains pickle liquor and may contain other hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that the sump and trench system is to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Investigation
49	A	Former 3/21/91 PCB Spill Area	Potentially present, area not observed	HREC	According to the DCC Report this area has been remediated, and no further action is proposed. As this spill area has been remediated to the satisfaction of an applicable regulatory agency, Weaver Boos has identified this former release as a historical recognized environmental condition.	AD	No Further Action	One time incident occurred indoors, low release potential
50	B	Former 1988 PCB Spill Area	No longer present, area observed	HREC	According to the DCC Report this area has been remediated, and no further action is proposed. As this spill area has been remediated to the satisfaction of an applicable regulatory agency, Weaver Boos has identified this former release as a historical recognized environmental condition.	AD	No Further Action	One time incident occurred indoors, low release potential
51	D	Former PCB Spill Area (Sheet Mill)	No longer present, area not observed	HREC	According to the DCC Report this area has been remediated, and no further action is proposed. As this spill area has been remediated to the satisfaction of an applicable regulatory agency, Weaver Boos has identified this former release as a historical recognized environmental condition.	AD	No Further Action	One time incident occurred indoors, and remediated, low release potential
52	I	Former 1991 Acid Leak Area	No longer present, area not observed	HREC	According to the DCC Report this area has been remediated, and no further action is proposed. As this spill area has been remediated to the satisfaction of an applicable regulatory agency, Weaver Boos has identified this former release as a historical recognized environmental condition.	AD	No Further Action	One time incident discharged to TMC
53	J	Acid Tanks	Present and observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 1). In addition, during the site visit oily staining was observed below the acid tanks. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that the tanks are to be dismantled and removed in the future.	AD	Further Action	Condition of tanks, and known releases
54	K	Truck Dock # 9's Former Diesel Spill & Diesel Fuel UST Area	No longer present, area not observed	HREC	According to the DCC Report this area has been remediated, and no further action is proposed. As this UST and spill has been remediated to the satisfaction of an applicable regulatory agency, Weaver Boos has identified this former release as a historical recognized environmental condition.	AD	No Further Action	One time incident, subsequent UST closure indicated no soil contamination
55	S	Former Chromic Acid Spill Area	Potentially present, area not observed	Non-REC	According to the DCC Report no further action is proposed for this area. Being that the acid spill area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the acid spill area has not been identified as a recognized environmental condition.	AD	No Further Action	One time incident primarily indoors with limited discharge to the TMC
56	T	Former Diesel Fuel UST (Cold Sheet Mill)	No longer present, area observed	Non-REC	According to the DCC Report the diesel fuel UST was removed with no indications of a release. Therefore, no further action was proposed for this area. In addition, during the site visit the area was observed to be vacant with no obviously apparent indications of USTs. Therefore, it is unlikely that a material threat of release to the environment is present in association with this former UST.	AD	No Further Action	UST removed, confirmatory soil samples indicated no contamination
57	V	Former Spent Pickle Liquor Tanks	No longer present, area not observed	Non-REC	Listed as a DCC Report finding observed without a release (duplicate of SWMU 70). Being that the former tanks were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the former tanks have not been identified as a recognized environmental condition.	AD	No Further Action	Area same as SWMU 70 (non-releasing unit)
58	W	Spent Pickle Liquor Tanks	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item due to the presence of heavy staining on soil and gravel underneath the tanks. During the site visit, this area was observed to contain ASTs and equipment but due to snow cover the ground surface could not be observed to determine if staining was still present. Based on our review of historical source information and experience, materials in these tanks were likely comprised of hazardous substances and/or petroleum products which could have leaked thereby impacting the environment. Weaver Boos understands that the tanks are to be removed as part of the Finishing Mills SSA.	AD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Evaluation
59	---	Hot Strip Mill Staining	Present and observed	REC	During the site visit the hot strip mills were observed to generally be heavily stained with apparent petroleum products on and under the equipment and in the associated pits. The condition of the ground surface and pits is unknown due to the heavy staining but in the surrounding area ranged from fair to good with some areas where pitting and cracking was apparent. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that the rolling mills are to be cleaned and decommissioned as part of the Finishing Mills SSA.	NH	No Further Action	No known releases, managed non-hazardous waste
60	---	Hot Strip Mill Drum Handling Area	No longer present, area not observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, materials in the drums in this handling area likely contained hazardous substances and/or petroleum products and likely leaked due to spillage or overflow. Larger spills were also possible. Therefore, these materials may have resulted in a release to the environment.	---	Further Action	Per DCC Report, added as an AOC for evaluation
Humphrey Impoundment								
61	190	Humphrey Impoundment Area	Present and observed	REC	The DCC Report recommended further action was needed for this item. This area was used to receive wastewater from various steel processing areas, as a sludge dewatering area, and for storage of process slurry and other materials. These materials likely contained hazardous substances and/or petroleum products. The area was closed out in the 1960s due to the Clean Water Act, and was subsequently filled in the 1980s. In the DCC Report the EPA was concerned due to the nature of wastes managed by this impoundment. The Humphrey Impoundment is included as a Special Study Area under the Consent Decree. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Consent Decree "Special Study Area"
Greys Landfill								
62	93	Greys Landfill	Present and observed	REC	The DCC Report recommended further action was needed for this item. Greys Landfill receives sludges from the HCWWTP, asbestos from building demolition activities, air emission control equipment, and wastes from the former steel mill. No lining is present in the landfill area and VOCs/SVOCs have been detected in the groundwater in this area. Greys Landfill is included as a Special Study Area under the Consent Decree. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Consent Decree "Special Study Area"
63	94	Greys Tar Decanter Cell	Present and observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 93). Based on our review of historical source information and experience, the decanter cell is a 1.5-acre impoundment located in the northeast corner of Greys Landfill and received wastes which may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Unit contained within SWMU 93
64	95	Greys Trash Transfer Station	Present and observed from a distance	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit the building appeared to be in good condition with no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with this station.	NR	---	---
Coke Point Landfill								

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65	191	Coke Point Landfill	Present and observed	REC	The DCC Report recommended further action was needed for this item. Documented fill contents have been recorded for this area. Large slag piles have been present since the 1970s and were observed to still be present during the site visit. The disposed materials are generally located on bare slag surface, with no plastic or clay liner. Coke Point Landfill is included as a Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the slag materials may contain hazardous substances and/or petroleum products associated with the coke oven activities. In addition, based on historical sampling data, benzene has been detected above objectives along the eastern boundary of the landfill, migrating east outside of the SSA.	SD	Further Action	Consent Decree "Special Study Area"
66	192	Coke Oven Sweepings Pile	Potentially present, area not observed	REC	The DCC Report recommended further action was needed for this item (located within SWMU 191). Based on our review of historical source information and experience, materials in this sweepings pile may have contained hazardous substances and/or petroleum products.	SD	Further Action	Contained within SWMU 191
Coke Oven Area								
67	102	Battery 12 Trash Collection Area	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. In addition, the area was observed to generally be vacant land with scattered warehouse buildings during the site visit with no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with this area.	NR	---	---
68	103	Battery 11 and 12 Quench Pit	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. In addition, the area was observed to generally be vacant land with scattered warehouse buildings during the site visit with no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with this quench pit.	NR	---	---
69	104	Battery A Trash Collection Area	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. In addition, the area was observed to generally be vacant land with scattered warehouse buildings during the site visit with no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with this area.	NR	---	---
70	105	Battery A Waste Oil Accumulation	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, materials associated with the waste oil accumulation area contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	SD	Further Action	Field observation of 1991 VSI
71	106	Former 1-10 Batteries	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. In addition, the area was observed to generally be vacant land during the site visit with no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with these batteries.	NR	---	---
72	107	Coke Oven Gas Main	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. In addition, the area was observed to generally be vacant land during the site visit with no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with the gas main.	NR	---	---
73	108	Mechanical Shop Waste Oil Accumulation Area	Potentially present, area not observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the materials were stored on the bare ground surface with evidence of staining and may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Field observation of 1991 VSI
74	109	AKJ Tar Decanter Batch Tank	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. In addition, the area was observed to generally be vacant land during the site visit with no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with this tank.	NR	---	---
75	110	AKJ Tar Decanter Buckets	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. In addition, the area was observed to generally be vacant land during the site visit with no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with these buckets.	NR	---	---
76	111	Battery A Baghouse	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. In addition, the area was observed to generally be vacant land during the site visit with no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with the baghouse.	NR	---	---
77	112	B CCP Tar Storage Tank Containment Areas	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the stored materials may have contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
78	113	B CCP Underground Weak Ammonia Pipeline	Potentially present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the pipeline may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
79	114	B CCP Acid Containment Pad	Potentially present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the pad may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
80	115	B CCP Acid Tanks	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tanks may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
81	116	B CCP Ammonia Clarifier Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tank may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
82	117	B CCP Lime Collection Bin	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the bin may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
83	118	B CCP Ammonia Stills	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the stills may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
84	119	B CCP Ammonia Saturator	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the saturator may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
85	120	B CCP Acid Surge Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tank may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
86	121	B CCP Wash Oil Coolers (Spiral)	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the coolers may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
87	122	B CCP Wash Oil Coolers (Shell & Tube)	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the coolers may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
88	123	B CCP Wash Oil Decanters	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the decanters may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
89	124	B CCP Wastewater Holding Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tank may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
90	125	B CCP Wash Oil Circulating Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tank may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
91	126	B CCP Scrubbers	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the scrubbers may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
92	127	B CCP Waste Oil Bin	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the bin may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
93	128	B CCP API Light Oil Separators	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the separators may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
94	129	B CCP Muck Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tank may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
95	130	B CCP Million Gallon Weak Ammonia Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tank may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (U)	Further Action	Within Consent Decree "Special Study Area"
96	131	Bio-Oxidation Plant Wastewater Tank	Present and observed from a distance	Non-REC	Listed as a DCC Report finding observed without a release. The general area was observed during the site visit with the WWTP buildings still present and no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with this tank.	NR	---	---
97	132	Bio-Oxidation Plant 1 MMG Wastewater Tank	Present and observed from a distance	Non-REC	Listed as a DCC Report finding observed without a release. The general area was observed during the site visit with the WWTP buildings still present and no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with this tank.	NR	---	---

Table 1
Phase I ESA Findings Table
Sparrows Point, Maryland

Finding	¹ SWMU/AOC #	Description	Status During Phase I ESA Site Reconnaissance	Phase I ESA Conclusion	² Basis for Phase I ESA Conclusion	¹ RFA Det. Code	DCC Report Recommended Action	¹ Basis For DCC Report Recommendation
98	133	Bio-Oxidation Plant Depurators	Present and observed from a distance	Non-REC	Listed as a DCC Report finding observed without a release. The general area was observed during the site visit with the WWTP buildings still present and no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with this depurator.	NR	---	---
99	134	Bio-Oxidation Plant Aeration Basins	Present and observed from a distance	Non-REC	Listed as a DCC Report finding observed without a release. The general area was observed during the site visit with the WWTP buildings still present and no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with these basins.	NR	---	---
100	135	Bio-Oxidation Plant Clarifiers	Present and observed from a distance	Non-REC	Listed as a DCC Report finding observed without a release. The general area was observed during the site visit with the WWTP buildings still present and no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with these clarifiers.	NR	---	---
101	136	A CCP Sulfuric Acid Tank Containment	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tank containment may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (M)	Further Action	Within Consent Decree "Special Study Area"
102	137	A CCP Cyanide Stripper/Stack	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the stripper/stack may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (M)	Further Action	Within Consent Decree "Special Study Area"
103	138	A CCP Oil/Water Separator	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the separator may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (M)	Further Action	Within Consent Decree "Special Study Area"
104	139	A CCP Former Tar Decanters	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the decanters may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (M)	Further Action	Within Consent Decree "Special Study Area"
105	140	A CCP Acid Saturator Tanks	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tanks may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (M)	Further Action	Within Consent Decree "Special Study Area"
106	141	A CCP Overflow Skimmer Box	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the skimmer box may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (M)	Further Action	Within Consent Decree "Special Study Area"
107	142	A CCP Wash Oil Decanters	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the decanters may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (M)	Further Action	Within Consent Decree "Special Study Area"
108	143	A CCP Scrubbers	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the scrubbers may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (M)	Further Action	Within Consent Decree "Special Study Area"
109	144	A CCP Wastewater Holding Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tank may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (M)	Further Action	Within Consent Decree "Special Study Area"
110	145	A CCP Wash Oil Holding Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tank may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (M)	Further Action	Within Consent Decree "Special Study Area"
111	146	A CCP Sump	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the sump may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (M)	Further Action	Within Consent Decree "Special Study Area"
112	147	B/L Oil/Water Separator	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the separator may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (L)	Further Action	Within Consent Decree "Special Study Area"
113	148	B/L Tank Sludge Staging Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the staging area may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (L)	Further Action	Within Consent Decree "Special Study Area"
114	149	B/L Tank Sludge Accumulation Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the accumulation area may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (L)	Further Action	Within Consent Decree "Special Study Area"
115	150	B/L Litol Plant Catalyst Drum Station	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the drum stations may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (L)	Further Action	Within Consent Decree "Special Study Area"
116	151	B/L Waste Oil Accumulation Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the accumulation area may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	CV (L)	Further Action	Within Consent Decree "Special Study Area"
117	152	B/L Litol Drum Staging Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the staging area may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (L)	Further Action	Within Consent Decree "Special Study Area"
118	153	B/L Benzene Truck Loading Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the truck loading area may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (L)	Further Action	Within Consent Decree "Special Study Area"
119	199	Bio-Oxidation Plant Oil/Water Separator	Present and observed from a distance	Non-REC	Listed as a DCC Report finding observed without a release. The general area was observed during the site visit with the WWTP buildings still present and no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with this separator.	NR	---	---
120	200	Bio-Oxidation Plant Depurator Oil Storage Tanks	Present and observed from a distance	Non-REC	Listed as a DCC Report finding observed without a release. The general area was observed during the site visit with the WWTP buildings still present and no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with these tanks.	NR	---	---
121	201	Coke Battery Repair Shop Baghouse	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. In addition, the area was observed to be vacant land with some remaining small buildings during the site visit and no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with this baghouse.	NR	---	---
122	203	Bio-Oxidation Plant Scum Collection Chamber	Present and observed from a distance	Non-REC	Listed as a DCC Report finding observed without a release. The general area was observed during the site visit with the WWTP buildings still present and no obvious indications of a release. Therefore, it is unlikely that a material threat of release to the environment is present in association with this collection chamber.	NR	---	---
123	L	Benzene/Litol Process Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the process area may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	Within Consent Decree "Special Study Area"
124	M	A Coal Chemicals Plant Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the plant area may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	Within Consent Decree "Special Study Area"
125	N	Bio-Oxidation Ferric Chloride Spill Site	No longer present, area observed	Non-REC	According to the DCC Report no further action is proposed for this area. The general area was observed during the site visit with the WWTP buildings still present and no obvious indications of a release. Based on our review of historical source information and experience, it is unlikely that a material threat of release to the environment is present in association with this spill site.	AD	No Further Action	One time incident of non-hazardous constituent
126	P	Former Naphthalene Plant Tank & Pit	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tank and pit may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	Former unit with Consent Decree "Special Study Area"
127	R	Underground Weak Ammonia Pipeline Spill Sites	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the pipeline spill sites may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	History of spills, within Consent Decree "Special Study Area"
128	U	B CCP Process Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the process area may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	Within Consent Decree "Special Study Area"
*129	---	Kinder Morgan ASTs and Drums	Present and observed	Non-REC	Kinder Morgan is listed on the AST database under the name Phoenix Services LLC and Kinder Morgan Chesapeake Bulk for five ASTs containing diesel fuel, used oil, gasoline, and oil/water and eight ASTs containing diesel fuel, hydraulic oil, transmission oil, and gear oil, respectively. During the site visit, several drums and ASTs were noted near the Kinder Morgan offices, but the containers appeared to be in good condition with no obviously apparent leaks or stains. Therefore, it is unlikely that a material threat of release to the environment is present in association with these drums and tanks.	---	---	---
*130	---	Oily Mill Scale Pile	Present, area not observed	REC	Based on Weaver Boos review of the 2010 aerial photograph and interview comments by Ms. Brown of MDE and Mr. Becker, a large pile of oily mill scale is present just west of the Kinder Morgan offices. Based on our review of historical source information and experience, this area may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
Rod and Wire and Pipe Mill Area								
131	27	Rod Mill Remediation Area	Present and observed	REC	Continuing interim measures (IM) are in place for cadmium/zinc impacted groundwater as per the Consent Decree. During the site visit the existing IM remediation system was observed. Based on this information, the potential for a material release which may impact the environment is present.	SD	No Further Action	IM groundwater remediation under MDE C-0-85-179

Table 1
Phase I ESA Findings Table
Sparrows Point, Maryland

Finding	¹ SWMU/ AOC #	Description	Status During Phase I ESA Site Reconnaissance	Phase I ESA Conclusion	² Basis for Phase I ESA Conclusion	¹ RFA Det. Code	DCC Report Recommended Action	¹ Basis For DCC Report Recommendation
132	28	[Filled] Northwest Pond	No longer present, area observed	REC	Continuing interim measures are in place for cadmium/zinc impacted groundwater as per the Consent Decree. During the site visit the existing IM remediation system was observed. Based on our review of historical source information and experience, the Northwest Pond may have potentially contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	SD	No Further Action	IM groundwater remediation under MDE C-O-85-179
133	29	[Filled] East Pond	Present and observed	REC	Continuing interim measures are in place for cadmium/zinc impacted groundwater as per the Consent Decree. During the site visit the existing IM remediation system was observed. Based on this information, the potential for a material release which may impact the environment is present.	SD	No Further Action	IM groundwater remediation under MDE C-O-85-179
134	30	[Former] Rod Mill Equalization Tanks	No longer present, area observed	Non-REC	These were identified in the DCC Report as former components of the Rod & Wire Mill IM remediation system and no further action is proposed for this item. Being that the system was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the system has not been identified as a recognized environmental condition.	SD	No Further Action	Removed
135	31	Cadmium Treatment Reactor A Tank	No longer present, area observed	Non-REC	These were identified in the DCC Report as former components of the Rod & Wire Mill IM remediation system and no further action is proposed for this item. Being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	TP	---	---
136	32	Cadmium Treatment Alkalinization Tank	No longer present, area observed	Non-REC	These were identified in the DCC Report as now former components of the Rod & Wire Mill IM remediation system and no further action is proposed for this item. Being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	TP	---	---
137	33	Cadmium Treatment Thickener	No longer present, area observed	Non-REC	These were identified in the DCC Report as now former components of the Rod & Wire Mill IM remediation system and no further action is proposed for this item. Being that the thickener was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the thickener has not been identified as a recognized environmental condition.	TP	---	---
138	34	Cadmium Treatment Sand Filter	No longer present, area observed	Non-REC	These were identified in the DCC Report as now former components of the Rod & Wire Mill IM remediation system and no further action is proposed for this item. Being that the sand filter was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the sand filter has not been identified as a recognized environmental condition.	TP	---	---
139	35	Cadmium Treatment Piping	No longer present, area observed	Non-REC	These were identified in the DCC Report as now former components of the Rod & Wire Mill IM remediation system and no further action is proposed for this item. Being that the piping was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the piping has not been identified as a recognized environmental condition.	TP	---	---
140	36	Cadmium Treatment Filter Press	No longer present, area observed	Non-REC	These were identified in the DCC Report as now former components of the Rod & Wire Mill IM remediation system and no further action is proposed for this item. Being that the filter press was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the filter press has not been identified as a recognized environmental condition.	TP	---	---
141	37	Cadmium Treatment Sludge Collection Box	No longer present, area observed	Non-REC	These were identified in the DCC Report as now former components of the Rod & Wire Mill IM remediation system and no further action is proposed for this item. Being that the collection box was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the collection box has not been identified as a recognized environmental condition.	TP	---	---
142	38	Cadmium Treatment Trenches	No longer present, area observed	Non-REC	According to the DCC Report no further action is proposed for this area. Being that the trenches were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the trenches have not been identified as a recognized environmental condition.	SD	No Further Action	Manages groundwater treatment process overflow, re-enters system
143	39	Rod Mill Scale Pits	No longer present, area observed	Non-REC	According to the DCC Report no further action is proposed for this area. Being that the scale pits were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the scale pits have not been identified as a recognized environmental condition.	NH	No Further Action	No known releases, managed non-hazardous waste
144	40	Rod Mill Cleaning House Containment	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the containment area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the containment area has not been identified as a recognized environmental condition.	NR	---	---
145	41	Rod Mill Former Waste TCE Storage	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the TCE storage was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the TCE storage has not been identified as a recognized environmental condition.	NR	---	---
146	42	Rod Mill Former Waste Oil Storage Tank	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the storage tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the storage tank has not been identified as a recognized environmental condition.	NR	---	---
147	43	Rod Mill Chloroethane Storage Tank	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the storage tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the storage tank has not been identified as a recognized environmental condition.	NR	---	---
148	44	Rod Mill Cooling Tower	No longer present, area observed	Non-REC	According to the DCC Report no further action is proposed for this area. Being that the tower was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tower has not been identified as a recognized environmental condition.	NH	No Further Action	No known releases, managed non-hazardous waste
149	45	Rod Mill Trenches/Sumps	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item which were brick-lined trenches beneath the Rod Mill equipment that managed contact cooling. Based on our review of historical source information and experience, the trenches/sumps may have potentially contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	SD	Further Action	Potential for environmental release
150	46	Pipe Mill Various 55-gallon Drums	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed indoors and without a release. Being that the drums were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the drums have not been identified as a recognized environmental condition.	I	---	---
151	47	Pipe Mill Oil/Water Separator	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the oil/water separator was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the oil/water separator has not been identified as a recognized environmental condition.	NR	---	---
152	48	Pipe Mill Former Zinc Ammonium Chloride Sludge Storage Area	No longer present, area observed	Non-REC	According to the DCC Report no further action is proposed for this area. Being that the sludge storage area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the sludge storage area has not been identified as a recognized environmental condition.	SD	No Further Action	Inactive unit, one release with subsequent soil remediation
153	49	Pipe Mill Trenches/Sumps	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item which were identified as piping designed to transport process wastewater. Based on our review of historical source information and experience, the trenches/sumps may have potentially contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	SD	Further Action	Focused closure-oriented project
154	50	Billet Prep Waste Oil Storage Tank	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the storage tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the storage tank has not been identified as a recognized environmental condition.	NR	---	---
155	51	Billet Prep Rinsewater Collection Tanks	No longer present, area observed	Non-REC	DCC Report finding (indoors, not releasing). Area observed to be vacant land during the site visit. Being that the collection tanks were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the collection tanks have not been identified as a recognized environmental condition.	I	---	---
156	52	Billet Prep Baghouse Collectors	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. Being that the collectors were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the collectors have not been identified as a recognized environmental condition.	NR	---	---
157	53	Billet Prep Trenches and Blind Sumps	No longer present, area observed	Non-REC	According to the DCC Report no further action is proposed for this area. Being that the trenches and sumps were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the trenches and sumps have not been identified as a recognized environmental condition.	SD	No Further Action	Managed non-hazardous material
158	189	Nail Mill Drum Storage Area	No longer present, area observed	Non-REC	DCC Report finding (previously removed from facility). Area observed to be vacant land during the site visit. Being that the drum storage area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the drum storage area has not been identified as a recognized environmental condition.	NR	---	---
159	O	Hydraulic Oil Storage Area	No longer present, area observed	Non-REC	According to the DCC Report no further action is proposed for this area. Being that the oil storage area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the oil storage area has not been identified as a recognized environmental condition.	AD	No Further Action	Unit managed non-hazardous, water-based hydraulic oil
160	X	Unknown Aboveground Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, the tank may have contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	AD	Further Action	Focused closure-oriented project
161	Y	Pipe Mill Selenium Testing Area	No longer present, area observed	Non-REC	According to the DCC Report no further action is proposed for this area. Being that the testing area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the testing area has not been identified as a recognized environmental condition.	AD	No Further Action	Former operations located indoors, low release potential
162	Z	Pipe Mill Acid Tanks	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, the acid tanks may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	Focused closure-oriented project
163	AA	Pipe Mill Process Area	No longer present, area observed	Non-REC	According to the DCC Report no further action is proposed for this area. Being that the process area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the process area has not been identified as a recognized environmental condition.	AI	No Further Action	---
164	AB	Rod and Wire Process Area	No longer present, area observed	Non-REC	According to the DCC Report no further action is proposed for this area. Being that the process area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the process area has not been identified as a recognized environmental condition.	AI	No Further Action	---
Wastewater Treatment Plant								
165	10	HCWWTP Settling Basins	Present and observed	REC	Basin No. 1 is no longer present, part of Basin No. 2 remains, and basin No. 3 remains. The basins were inferred to contain significant quantity of TMC sediment or WWTP sludge, and according to Mr. Becker were cleaned in 2003-2004. No sampling data was provided. Based on this information, the potential for a material release which may impact the environment is present.	TP	---	---
166	11	HCWWTP Thickeners	Present and observed	Non-REC	According to the DCC Report, the treatment process unit was not observed releasing. The unit was observed to be operating normally during the site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with these thickeners.	TP	---	---
167	12	HCWWTP Aerators	Present and observed	REC	Aeration basins were inferred to contain significant quantity of TMC sediment or WWTP sludge. The aerators were observed to be operating normally during the site visit. However, based on our experience, the potential for a material release which may impact the environment is present.	TP	---	---
168	13	HCWWTP Wastewater Chemical Treating Buildings	Present and observed	Non-REC	According to the DCC Report, the treatment process unit was not observed releasing. Observed the exterior of the building during the site visit, no obvious releases. Therefore, it is unlikely that a material threat of release to the environment is present in association with these buildings.	TP	---	---
169	14	HCWWTP Spent Pickle Liquor (SPL) Discharge Point	Present, but not observed	Non-REC	Listed as a DCC Report finding observed to be a former treatment process of acid introduction to TMC flow. Being that the discharge point was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the discharge point has not been identified as a recognized environmental condition.	AI	No Further Action	Part of treatment process, discharge is beneficially reused
170	15	HCWWTP Centrifuges	Present and observed	Non-REC	According to the DCC Report, this treatment process unit was not observed releasing. The unit was observed to be operating normally during the site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with these centrifuges.	TP	---	---

Table 1
Phase I ESA Findings Table
Sparrows Point, Maryland

Finding	¹ SWMU/AOC #	Description	Status During Phase I ESA Site Reconnaissance	Phase I ESA Conclusion	² Basis for Phase I ESA Conclusion	¹ RFA Det. Code	DCC Report Recommended Action	¹ Basis For DCC Report Recommendation
171	16	HCWWTP Sludge Collection Box	Present and observed	Non-REC	According to the RFA Report (page B-18), sludge was illustrated on the ground surface. No release was observed during the site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this collection box.	TP	---	---
172	17	HCWWTP Old Alum Tank	Potentially present, area not observed	Non-REC	According to the DCC Report, this treatment process unit was not observed releasing. Being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	TP	---	---
173	---	HCWWTP Emergency Detention Basin	Present and observed	REC	The Basin is a surface impoundment-like lagoon observed during the site visit. Approximately 2.5 acres in size, the basin was observed to contain what appeared to be several thousand cubic yards of sediment or WWTP sludge. The basin is constructed with a composite liner. The sediment or sludge is presumed to contain petroleum products or hazardous substances held within the structure. Based on our review of historical source information and experience, this area likely contains potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
Former Steel Making Area								
174	74	Green Pellet Plant Thickeners	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the thickeners were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the thickeners have not been identified as a recognized environmental condition.	NR	---	---
175	75	Scrubbers Open Hearth Furnace #4	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the furnace was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the furnace has not been identified as a recognized environmental condition.	NR	---	---
176	76	Caster Dust Baghouse Storage Area	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the storage area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the storage area has not been identified as a recognized environmental condition.	NR	---	---
177	77	Desulfurizer Baghouse	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the baghouse was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the baghouse has not been identified as a recognized environmental condition.	NR	---	---
178	78	Desulfurizer Collection Dumpsters	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the dumpsters were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the dumpsters have not been identified as a recognized environmental condition.	NR	---	---
179	79	Skimmer Baghouse	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the baghouse was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the baghouse has not been identified as a recognized environmental condition.	NR	---	---
180	80	Skimmer Baghouse Collection Dumpsters	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the dumpsters were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the dumpsters have not been identified as a recognized environmental condition.	NR	---	---
181	81	Former Open Hearth #3 Site	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the site was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the site has not been identified as a recognized environmental condition.	NR	---	---
182	82	Former Open Hearth #1 Site	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the site was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the site has not been identified as a recognized environmental condition.	NR	---	---
183	83	Caster Baghouse	Present and observed	Non-REC	Listed as a DCC Report finding observed without a release. No obviously apparent release was seen during site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this baghouse.	NR	---	---
184	173	BOF Scrubbers	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the scrubbers were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the scrubbers have not been identified as a recognized environmental condition.	NR	---	---
185	174	BOF Thickeners	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the thickeners were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the thickeners have not been identified as a recognized environmental condition.	NR	---	---
186	175	BOF Sand Collection Area	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the collection area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the collection area has not been identified as a recognized environmental condition.	NR	---	---
187	176	BOF Reclaimed Tank	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	NR	---	---
188	177	BOF Mixing Tank	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	NR	---	---
189	178	BOF Recycle Tank	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	NR	---	---
190	179	BOF Belt Press Station	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the station was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the station has not been identified as a recognized environmental condition.	NR	---	---
191	180	BOF Reladle Baghouse	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the baghouse was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the baghouse has not been identified as a recognized environmental condition.	NR	---	---
192	181	BOF Separator	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the separator was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the separator has not been identified as a recognized environmental condition.	NR	---	---
193	182	Former Tar Tanks at Fuel Station	Potentially present, not observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the tanks were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tanks have not been identified as a recognized environmental condition.	NR	---	---
194	183	Ball Mill Tank	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	NR	---	---
195	184	Ball Mill Waste Oil/Tar Dumpster	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the dumpster was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the dumpster has not been identified as a recognized environmental condition.	NR	---	---
196	185	Tar Decanter Buggies	No longer present, area observed	Non-REC	Listed as a DCC Report finding previously removed from the facility. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the buggies were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the buggies have not been identified as a recognized environmental condition.	RS	---	---
197	186	Tar Storage Box Area	No longer present, area observed	Non-REC	Listed as a DCC Report finding previously removed from the facility. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the box area was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the box area has not been identified as a recognized environmental condition.	RS	---	---
198	188	Former Sulfur Recovery Plant	No longer present, area observed	Non-REC	Listed as a DCC Report finding previously removed from the facility. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the recovery plant was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the recovery plant has not been identified as a recognized environmental condition.	NR	---	---

Table 1
Phase I ESA Findings Table
Sparrows Point, Maryland

Finding	¹ SWMU/ AOC #	Description	Status During Phase I ESA Site Reconnaissance	Phase I ESA Conclusion	² Basis for Phase I ESA Conclusion	¹ RFA Det. Code	DCC Report Recommended Action	¹ Basis For DCC Report Recommendation
199	195	Former ERS Oily Wastewater Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for the aboveground tank located north of the Electrical Repair Shop (ERS) under the Consent Decree. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures were still present and no obvious indications of release were observed. Based on our review of historical source information and experience, materials associated with the wastewater tank contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	AI	Further Action	Unknown impacts from previous activities
200	202	BOF Treatment Plant Pipeline	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures still present and no obvious indications of release observed. Being that the pipeline was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the pipeline has not been identified as a recognized environmental condition.	NR	---	---
201	C	Former ERS PCB Spill Area	No longer present, area observed	HREC	The DCC Report recommended no further action was needed for this area because it had been remediated. The general area was observed to be largely vacant land with some debris piles during the site visit. Miscellaneous small structure were still present, and no obvious indications of a release were observed. As this spill area has been remediated to the satisfaction of an applicable regulatory agency, Weaver Boos has identified this former release as a historical recognized environmental condition.	AD	No Further Action	One time incident, soil remediation met EPA guidelines for PCBs
202	---	No. 10 Fuel Oil Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for the fuel oil tank under the Consent Decree. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures were still present and no obvious indications of release were observed. Based on our review of historical source information and experience, materials associated with the tank may have contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	Further Action	Per DCC Report, added as an AOC for evaluation
*203	---	Oil House	No longer present, area observed	REC	According to FOIA documents provided by Baltimore County, an oil house was located in the former steel mill area. The use, condition, and status of the oil house are currently unknown and therefore may have caused a release to the environment.	---	---	---
*204	---	Gas Pumping Station	No longer present, area observed	REC	According to FOIA documents provided by Baltimore County and also as illustrated in the DCC Report, a gas pumping station was located just southeast of the adjoining Shipyard in the former steel mill area. Based on interview comments, Weaver Boos understands that this station was associated with coke oven gas. A potential historical release of coke oven gas condensate to the environment may have occurred.	---	---	---
Blast Furnace Area								
205	96	Sinter Plant Thickener	Potentially present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land. Being that the thickeners were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the thickeners have not been identified as a recognized environmental condition.	NR	---	---
206	97	Sinter Plant High Density Sludge (HDS) Tank	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land. Being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	NR	---	---
207	98	Sinter Plant Centrifuge Waste Pile	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land. Being that the waste pile was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the waste pile has not been identified as a recognized environmental condition.	NR	---	---
208	99	Sinter Plant Drum Separator	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land. Being that the separator was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the separator has not been identified as a recognized environmental condition.	NR	---	---
209	100	Sinter Plant Lime Grit Box	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land. Being that the grit box was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the grit box has not been identified as a recognized environmental condition.	NR	---	---
210	101	Sinter Plant SPL Tanks	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land. Being that the tanks were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tanks have not been identified as a recognized environmental condition.	NR	---	---
211	154	H Furnace Dust Catcher	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land, and the elevated pipe rack is still present. No obvious indications of release were observed. Being that the dust catcher was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the dust catcher has not been identified as a recognized environmental condition.	NR	---	---
212	155	H Furnace Wastewater Thickener	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land, and the elevated pipe rack is still present. No obvious indications of release were observed. Being that the thickener was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the thickener has not been identified as a recognized environmental condition.	NR	---	---
213	156	J Furnace Precipitators	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land, and the elevated pipe rack is still present. No obvious indications of release were observed. Being that the precipitators were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the precipitators have not been identified as a recognized environmental condition.	NR	---	---
214	157	J Furnace Gas Washer	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land, and the elevated pipe rack is still present. No obvious indications of release were observed. Being that the washer was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the washer has not been identified as a recognized environmental condition.	NR	---	---
215	158	J Furnace Scrubber	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land, and the elevated pipe rack is still present. No obvious indications of release were observed. Being that the scrubber was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the scrubber has not been identified as a recognized environmental condition.	NR	---	---
216	159	J Furnace Dust Catcher	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant land, and the elevated pipe rack is still present. No obvious indications of release were observed. Being that the dust catcher was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the dust catcher has not been identified as a recognized environmental condition.	NR	---	---
217	160	Former J Furnace Thickener	No longer present, area observed	Non-REC	Listed as a DCC Report finding as previously removed from the facility. During the site visit, the area was observed to be vacant land, and the elevated pipe rack is still present. No obvious indications of release were observed. Being that the thickener was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the thickener has not been identified as a recognized environmental condition.	RS	---	---
218	161	A-G & K Former Furnaces	No longer present, area observed	Non-REC	Listed as a DCC Report finding as previously removed from the facility. During the site visit, the area was observed to be vacant land, and the elevated pipe rack is still present. No obvious indications of release were observed. Being that the furnaces were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the furnaces have not been identified as a recognized environmental condition.	RS	---	---
219	162	L Furnace Baghouse	Present and observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be inactive. Being that the baghouse was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the baghouse has not been identified as a recognized environmental condition.	NR	---	---
220	163	L Furnace Thickener	Present and observed	Non-REC	Listed as a DCC Report finding as a treatment process unit not observed releasing. During the site visit, the area was observed to be inactive. Being that the thickener was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the thickener has not been identified as a recognized environmental condition.	TP	---	---
221	164	L Furnace Gas Scrubbers	Present and observed	Non-REC	Listed as a DCC Report finding as a treatment process unit not observed releasing. During the site visit, the area was observed to be inactive. Being that the scrubbers were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the scrubbers have not been identified as a recognized environmental condition.	TP	---	---
222	165	L Furnace Slag Piles	Present and observed	Non-REC	The DCC Report recommended No Further Action was needed for this item. During the site visit, small slag piles were observed in the area. However, being that the piles were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the piles have not been identified as a recognized environmental condition.	NH	No Further Action	No known releases, managed non-hazardous waste
223	166	RW Pipeline	Potentially present, not observed	Non-REC	The DCC Report recommended No Further Action was needed for this item. Being that the pipeline was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the pipeline has not been identified as a recognized environmental condition.	TP	---	---
224	167	RW Sumps (2)	Potentially present, not observed	Non-REC	The DCC Report recommended No Further Action was needed for this item. Being that the sumps were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the sumps have not been identified as a recognized environmental condition.	TP	---	---
225	168	RW Holding Tank	Potentially present, not observed	Non-REC	The DCC Report recommended No Further Action was needed for this item. Being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	TP	---	---
226	169	RW Clarifying Tank	Potentially present, not observed	Non-REC	The DCC Report recommended No Further Action was needed for this item. Being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	TP	---	---
227	170	Pilot Plant Slurry Mixing Tank	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. Demolition of this area is in progress, but no active demolition was observed during the site visit. However, being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	NR	---	---
228	171	Pilot Plant Holding Tank	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. Demolition of this area is in progress, but no active demolition was observed during the site visit. However, being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	NR	---	---
229	172	Pilot Plant Hydrocyclone	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. Demolition of this area is in progress, but no active demolition was observed during the site visit. However, being that the tank was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the tank has not been identified as a recognized environmental condition.	NR	---	---
230	187	Langenfelder Wastewater Treatment Tank	Present and observed	Non-REC	Listed as a DCC Report finding observed without a release. Demolition of this area is in progress, but no active demolition was observed during the site visit. Indications of releases from overfills were observed during the site visit in de minimis quantities. Therefore, it is unlikely that the de minimis releases from this tank would have caused an impact to the environment.	NR	---	---
*231	---	L Furnace Localized Surface Staining and Pooling	Present and observed	Non-REC	Localized de minimis oily staining of surfaces such as in the liquid fuel distribution system room and de minimis oily water pooled beneath stoves was observed during the site visit. However, it is unlikely that a material threat of release to the environment is present in association with this surface staining and pooling. Therefore, it is unlikely that the de minimis staining and pooling would have caused an impact to the environment.	---	---	---
Former Rolling Mills Area								
232	92	Rolling Plate Mill Scale Pit	No longer present, area observed	Non-REC	Listed as a DCC Report finding observed without a release. During the site visit, the area was observed to be vacant. Being that the scale pit was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the scale pit has not been identified as a recognized environmental condition.	NH	No Further Action	No known releases, managed non-hazardous waste
233	194	Waste Oil Stabilization/Packing Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item. During the site visit the area in the vicinity of this waste oil stabilization/packing area was observed to be vacant. Based on our review of historical source information and experience, materials associated with the waste oil stabilization/packing area may have contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	SD	Further Action	Field observation of 1991 VSI

Table 1
Phase I ESA Findings Table
Sparrows Point, Maryland

Finding	¹ SWMU/AOC #	Description	Status During Phase I ESA Site Reconnaissance	Phase I ESA Conclusion	² Basis for Phase I ESA Conclusion	¹ RFA Det. Code	DCC Report Recommended Action	¹ Basis For DCC Report Recommendation
234	F	Former Slab Cut Off Spill Area	No longer present, area observed from a distance	Non-REC	The DCC Report recommended No Further Action was needed for this 30-gallon spill of hydraulic oil. The area was observed to be vacant land during the site visit. Being that the spill was not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the spill has not been identified as a recognized environmental condition.	AD	No Further Action	No current evidence of impact
235	G	Former Diesel Fuel Spill Area (Slab Haul Road)	No longer present, area observed from a distance	HREC	The DCC Report recommended no further action was needed for this area because it had been remediated with Maryland Department of the Environment (MDE) approval. The area was observed to be vacant land during the site visit. As this spill area has been remediated to the satisfaction of an applicable regulatory agency, Weaver Boos has identified this former release as a historical recognized environmental condition.	AD	No Further Action	Soil remediation approved by MDE
236	Q	Former Diesel Fuel UST Area (Slab Haul Road)	No longer present, area observed from a distance	HREC	The DCC Report recommended no further action was needed for this area because it had been remediated with MDE approval. The area was observed to be vacant land during the site visit. As this UST area has been remediated to the satisfaction of an applicable regulatory agency, Weaver Boos has identified this former release as a historical recognized environmental condition.	AD	No Further Action	UST removal and closure approved by MDE
237	---	Apparent Former Surface Impoundment	No longer present, area observed	Non-REC	A small, dark, rectangular image appearing to be a surface impoundment or pond is visible in the Primary Rolling Mills Area, near the intersection of Roll Shop Road and 'E' Mill Road in historical documents. However this impoundment is likely to consist of slag materials; therefore, it is unlikely that a material threat of release to the environment is present in association with these slag piles.	---	---	---
238	---	Rolling Mills Impoundment	No longer present, area observed	REC	Based on Weaver Boos review of the 1952 aerial photograph, a small, dark, rectangular image appearing to be a surface impoundment or pond is visible in the Primary Rolling Mills Area, directly southwest of the Big Apple water tank. Weaver Boos observed this area to be vacant during the site visit. Based on our review of historical source information and experience, this area may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
239	---	Bulk Petroleum Storage	No longer present, area observed	REC	According to FOIA documents provided by Baltimore County, a bulk petroleum storage area was located northwest of the town in the former rolling mills area. It is unknown how many petroleum products were stored, the condition of the storage area, or the types and conditions of the storage containers. Therefore, a release to the environment may have occurred in this area.	---	---	---
ATEC								
240	---	Hazardous Materials Storage	Present and observed	REC	During the site visit, the former ATEC building on eastern side of Property observed with a hazardous materials room and ASTs with unknown contents or condition. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
241	---	Large Possible Historical AST	No longer present, area not observed	REC	A large circular structure appearing to be an AST surrounded by a circular berm is first visible in the 1957 aerial photograph along the east side of Wharf Road at the Sparrow Point Boulevard Interchange in an area identified as the Carrier Express Terminal near the ATEC facility. From the presence of the berm, it is considered reasonably likely that the AST contained oil. This feature remains visible in the 1994 aerial photograph, but is no longer present in the 2002 aerial photograph. Based on our review of historical source information and experience, materials in the tank may contain hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
Air Products								
242	---	Exposed Cold Box Insulation	Present and observed	REC	During the site visit, friable insulation of cryogenic cold boxes was observed exposed and released to the ground after their partial demolition. If the insulation is asbestos containing, the materials could enter water and soil in the area. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that the Air Products facility is to be demolished and removed in the future.	---	---	---
243	---	Oily Surface Water Discharges to High Head Reservoir	Present and observed	REC	During the site visit, oily water was observed on the surface of the adjoining High Head Reservoir and booms were placed around a discharge pipe coming from Air Products facility. The source and nature of the oily-appearing surface water is unknown. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
Rail Yards								
244	---	Greys Rail Yard	Present and observed	Non-REC	Greys Yard is located north of Greys Landfill. During the site visit, no buildings were observed and based on our review of historical records no buildings aside from an office had been present. Therefore, it is unlikely that a material threat of release to the environment is present in association with this yard.	---	---	---
245	---	Eastern Rail Yard	Present and observed	Non-REC	The Eastern Rail Yard is located on eastern part of the Property. During the site visit, no buildings were observed and based on our review of historical records no buildings had been present. Therefore, it is unlikely that a material threat of release to the environment is present in association with this yard.	---	---	---
246	---	Maintenance of Way Yard UST	Present and observed	REC	During the site visit, the Maintenance of Way Yard was observed north of the ATEC facility on the Property. Three fuel dispensers were observed during the site visit, one dispenser was marked as gasoline. The area itself has an unknown condition. According to the radius report, this yard is listed in the UST database with a 12,000-gallon gasoline tank listed as permanently out of service. No further information is available. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
247	---	Yacht Club Rail Yard Fill Materials	Present and observed	REC	This Yard is located north of the yacht clubs on the Property. Aerial photographs show potential fill materials being placed on the north side of the yard with general yard activities. Several piles of fill soil or debris were observed during the site visit. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
Transformers								
248	E	6 PCB Transformers	No longer present, area observed from a distance	Non-REC	The DCC Report recommended No Further Action was needed for these ore dock crane-mounted PCB transformers that were replaced with non-PCB transformers in 1995. Being that the transformers were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the transformers were not been identified as a recognized environmental condition.	AD	No Further Action	PCB oil replaced by mineral oil 7/27/95
249	---	Former PCB Containing Transformers	Generally present and observed	REC	According to historical documents, 28 larger transformers were formerly on the Property and based on testing were determined to contain PCBs. Two of these transformers are still in service. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
Machine Shop No. 2								
250	---	Demolition Debris Piles	Present and observed	REC	During the site visit, debris with asbestos containing materials was observed sitting on bare ground surface. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that these piles are to be removed in the future.	---	---	---
251	---	Oily Pits, Sumps	Present, area observed from a distance	REC	According to site contact, oily water has been noted in subsurface pits. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that the area is to be cleaned in the future.	---	---	---
Plant Garage (former Mason's Garage)								
252	---	Mason's Garage Current ASTs/Filling station	Present and observed	REC	Several petroleum ASTs were observed in the plant garage area that is generally associated with the filling station for company vehicles. Some staining was observed during the site visit. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
253	197	Mason's Garage Drums	No longer present, area observed	Non-REC	The DCC Report recommended No Further Action was needed for these drums. During the site visit, the area was observed to be in good condition. Being that the drums were not the subject of an enforcement action when brought to the attention of appropriate governmental agency, the drums have not been identified as a recognized environmental condition.	NR	---	---
254	H	Mason's Garage Former USTs	No longer present, area observed	REC	The DCC Report recommended further action was needed for these gasoline, diesel, and waste oil USTs that were closed without assessment sampling. According to historical documents, former UST(s) were located in this area for the filling station. No records on when or how they were removed or if leaks were observed. Based on our review of historical source information and experience, these former USTs may have contained petroleum products which may have resulted in a release to the environment.	AD	Further Action	UST closure/soil remediation completed but no confirmatory sampling
Other Property Locations								
255	196	Storm Water Sewer System	Present and observed (several locations)	Non-REC	The DCC Report recommended No Further Action was needed for this system. During the site visit, the area was observed to be in good condition with no obvious stains or spills near storm water receptors. Therefore, it is unlikely that a material threat of release to the environment is present in association with this system.	SD	No Further Action	Storm water and industrial wastewater combined as NPDES permitted discharge
256	---	County Lands #1A	Present, area observed from a distance	REC	The DCC Report recommended further action was needed for this former contractor storage area with historical waste and garbage dumping. It is currently unknown what exactly occurred in this area, what was disposed of, or how the materials were managed. During the site visit, the area was observed to be vacant, with piles of materials. Based on this information, the potential for a material release which may impact the environment is present.	---	Further Action	Per DCC Report, added as an AOC for evaluation
257	---	Coke Oven Gas Drip Legs	Potentially present, areas not observed	REC	The DCC Report recommended further action was needed for this item. No obviously apparent drip legs were observed during the site visit, but comments provided by site contacts indicated their former presence and use. Based on this information, the potential for a material release which may impact the environment is present.	---	Further Action	Per DCC Report, added as an AOC for evaluation
258	---	Asbestos in Warehouse Buildings to Remain	Present and observed	Non-Scope	SACM such as suspect transit panels observed in warehouses to remain on the Property post-demolition. Materials should be managed accordingly should damage or demolition activities occur.	---	---	---
259	---	BGE Substations	Present and observed	Non-REC	At least two large electrical substations owned and operated by BGE are present on the Property. The substations appeared to be in good condition during the site visit, but visibility was limited. However as the owner BGE is required to maintain the facilities as per all applicable regulations. Therefore, it is unlikely that a material threat of release to the environment is present in association with these substations.	---	---	---
260	---	Fly Dumping	Present and observed	Non-REC	Fly dumping was observed on the side of Property roads outside of the main facility and in vacant unmonitored areas during the site visit. While any historical fly dumping is unknown current fly dumping appears to be comprised of general refuse, household equipment and boats. According to site contacts historical fly dumping large consisted of similar items. Therefore, it is unlikely that a material threat of release to the environment is present in association with fly dumping.	---	---	---
261	---	Lafarge ASTs	Present and observed	Non-REC	During the site visit, large used oil ASTs, petroleum ASTs and one other chemical AST were observed but were noted to be in good condition. No obviously apparent leaks or stains. Therefore, it is unlikely that a material threat of release to the environment is present in association with these ASTs.	---	---	---
262	---	Southern Slag Pile Demolition Debris	Present and observed	REC	Slag piles along the southern Property boundary were observed during the site visit to also contain unknown quantities of demolition or other debris. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
263	---	Old Equipment, Debris, Drums and ASTs on Bare Ground Surface	Present and observed	Non-REC	A large number of drums and ASTs are scattered throughout Property. Containers are said to be empty, no major damage and no leaking or staining were observed during the site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with these ASTs.	---	---	---
264	---	Radioactive Materials	Present, not observed	Non-REC	A radioactive materials area was marked in the Hot Mill building during site visit. Radioactive materials have been reportedly removed and are stored on Property in a sealed vault in the Dietrich Building. Therefore, it is unlikely that a material threat of release to the environment is present in association with these materials.	---	---	---
265	---	Brick Storage Building	Present and observed	Non-REC	The chemical storage area south of the Tin Mill Canal includes open air storage area with acids, poisons, and petroleum products. The containers appeared in good condition with no obviously apparent leaks or stains during the site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this building.	---	---	---

Table 1
Phase I ESA Findings Table
Sparrows Point, Maryland

Finding	¹ SWMU/AOC #	Description	Status During Phase I ESA Site Reconnaissance	Phase I ESA Conclusion	² Basis for Phase I ESA Conclusion	¹ RFA Det. Code	DCC Report Recommended Action	¹ Basis For DCC Report Recommendation
'266	---	Pennwood Storage Tank Farm ASTs	Present and observed	REC	There are large ASTs east of the blast furnace that held fuel oil and recycled oil according to Mr. Vogler. No obvious leaks or staining were visible during the site visit, but due to age, corrosion and release(s) may have occurred. The 1952 aerial photograph shows dark area inside berm. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
'267	---	Pennwood Powerhouse Staining and Sediments	Present and observed	Non-REC	During site visit, large equipment, staining, and a history of flooding was observed near the Pennbrook Powerhouse. However, flooding in this area is relatively infrequent, with one flood in the past 40 years. It is not anticipated that the flooding of these areas resulted in a significant release of hazardous substances and/or petroleum products to the environment from the staining observed.	---	---	---
'268	---	Current Railroad Repair Building Activities	Present and observed	Non-REC	This building includes repairs of train cars and engines, and contains used oil, chemical storage areas, with sandblasting and paint booths. However, it is unlikely that a material threat of release to the environment is present in association with these activities.	---	---	---
'269	---	Former Railroad Repair Building Activities	No longer present, area observed	Non-REC	The activities of this former building include repaired old railcars and engines, no further information was available. Area was observed to be vacant land during the site visit. Therefore, it is unlikely that a material threat of release to the environment is present in association with this building.	---	---	---
'270	---	Former Fuel UST at Contractor's Village	Present and observed	REC	This UST was formerly used by subcontractors for the Property. During the site visit, it was observed as material storage. It is a reported former diesel UST location. The area was historically used for equipment repairs and storage. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
'271	---	Residential Town Tanks	Potentially present, observed from a distance	REC	Fire insurance maps depict buildings with boiler rooms and up to 9 tanks in the former Town area. No obviously apparent USTs observed during site visit. Based on our review of historical source information and experience, tanks may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
'272	---	Apparent Historical Surface Impoundment (B-Yard)	No longer present, area observed	Non-REC	A moderately large apparent surface impoundment in the 1952 aerial photograph exhibits sinuous braiding at the west end of the B-Yard located along the south side of the turning basin. Few hazardous materials were historically handled in this area. This feature is not visible in later aerial photographs. Therefore, it is unlikely that a material threat of release to the environment is present in association with this area.	---	---	---
'273	---	Apparent Historical Surface Impoundment ('G' Gate)	No longer present, area observed	REC	According to historic documents, a small, dark, irregularly shaped image appearing to be a pond is visible immediately north of the Tin Mill Canal, in the area that is now a vehicle parking lot just east of the 'G' Gate along the south side of Route 158. This pond appears to be discharging a dark plume to the adjoining surface water of the remnant Humphrey Creek. This historic feature is located north of the TMC/Finishing Mills Special Study Area boundary. Based on our review of historical source information and experience, this area may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
'274	---	Apparent Historical/Current Surface Impoundment (Blue Circle)	Potentially present, not observed	Non-REC	A moderately large dark image appearing to be a surface impoundment is visible southwest of the Blue Circle Atlantic Cement Co. facility near the southeast corner of the Property utilized for miscellaneous material storage in the 1982 aerial photograph. This feature appears to remain visible in the 2011 aerial photograph. Few hazardous materials were historically handled in this area. Therefore, it is unlikely that a material threat of release to the environment is present in association with this area.	---	---	---
'275	---	Miscellaneous Property Underground Storage Tanks	Potentially present, locations generally unknown	REC	Based on Weaver Boos' review of regulatory records and historical reports, twelve (12) to 34 USTs may have been or currently are present on the Property. These USTs contained materials such as fuel oil, gasoline, diesel fuel, waste oil, mixtures and other materials. Samples collected during the removal of select USTs indicate concentrations of TPH above MDE cleanup standards. The exact locations of these USTs is unknown as well as if each UST is unique or duplicative. Some of these USTs may also be referencing USTs known to have been present, such as at the Mason's Garage or Contractor's Village. Therefore, Based on our review of historical source information and experience, the known or potential releases from these USTs meets the definition of a recognized environmental condition.	---	---	---
'276	---	Miscellaneous Property Spills	Locations unknown	REC	The Property was listed numerous times in various spills related databases associated with spills of materials including, but not limited to, wash oil, waste oil, PCBs, oils, chemicals, spent pickle liquor and other materials ranging in size from 1-gallon to 5,000-gallons. Many of these spills were of a quantity larger than 100-gallons, had no cleanup performed, or otherwise had no information. The exact locations of these spills is currently unknown. These releases may have resulted in impact to the environment.	---	---	---
'277	---	Shipyards Apparent Impoundment	No longer present, area observed	REC	Based on Weaver Boos' review of aerial photographs, by 1938 what appears to be a large surface impoundment is visible just north of the coal slip and coal yard. It extends northerly onto what is presently Shipyards property just east of the Shipyards' Graving Dock. Apparent dark plumes on the adjoining surface waters of Bear Creek and the Patapsco River suggest process water discharges from the surface impoundment. This feature is present until at least 1952 on aerial photographs. Weaver Boos observed the area near the shipyard to be vacant at the time of the site visit, however portions of this area are on the adjoining shipyard property as well. Based on our review of historical source information and experience, this area may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment. It is Mr. Becker's belief that this surface impoundment is located on the Shipyards western adjoining property.	---	---	---
'278	---	TMC Oil Recovery Plant and Impoundment	No longer present, area observed	REC	Based on Weaver Boos review of the 1964 aerial photograph, a small Oil Recovery plant is present just north of the TMC SSA, and an apparent small, rectangular surface impoundment is visible to the southwest. The impoundment is diked to separate it from the remaining surface water of Humphrey Creek. Based on our review of historical source information and experience, this area may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
'279	---	Former Coke Point Process Tanks (Outlying)	No longer present, area observed	REC	Aerials and topographic maps depict a large number of ASTs adjoining the northeast corner of the Coke Oven SSA. The ASTs were not observed during the site visit with the area of the ASTs largely vacant land. The materials in these tanks may have leaked to the surrounding area. Based on our review of historical source information and experience, the process tanks may have potentially contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
'280	---	Mud Reservoir	Present, area not observed	Non-REC	The Mud Reservoir is a diamond-shaped area of mixed open/wooded land located in the County Lands 2 (CL2) Parcel in the northwestern portion of the Site. Much of the CL2 is developed and includes the former Pipe Mill and Cold Mill complexes. The Mud Reservoir received mud and clays from the former Humphrey Impoundment. Based on Weaver Boos' review of the organic data for VOCs, SVOCs, PAHs, and PCBs, concentrations were non-detect to minimal ppb levels. Sufficient data exists to conclude that no further assessment or action is warranted.	---	---	---
Adjoining Properties								
'281	---	Adjoining Property USTs	Potentially present, not observed	REC	According to the ERIS Report, the following up-gradient properties (generally northeast) are listed in the UST database with multiple USTs containing gasoline, diesel fuel, heating oil, and other materials listed as permanently out of use: Dietrich Industries Inc., American National Can Company, Greiff Brothers Corporation, AMG Resources Corporation. As the status of the USTs, including whether any leaks or spills have occurred which may migrate on to the Property, is currently unknown, the potential is present that the potentially hazardous substances and/or petroleum products within the tanks may have released into the environment and migrated on to the Property.	---	---	---
'282	---	Adjoining Property Spills	No longer present, not observed	REC	Various spill incidents were documented in the radius report on adjoining properties (specific locations unknown). No cleanup details were provided. These hazardous substances and/or petroleum products may have resulted in impact to the environment which could have migrated on to the Property.	---	---	---
'283	---	Kiel's Auto Repair	Potentially present, not observed	REC	Kiel's Auto Repair northeast of the Property across North Point Boulevard is listed on the OCP database with case number 10-0620BA that was opened May 2010 and remains open. As the OCP database relates to petroleum products and due to the nature of auto repair operations, it is likely that the materials released are petroleum products. This release may have resulted in impact to the environment which could have migrated on to the Property.	---	---	---
'284	---	AMG Resources	Present and observed	REC	Vulcan Materials Division (currently AMG Resources Corporation) north of the Property is listed on the SHWS database with no further information provided. The site is listed on the CERCLIS database as an archive site in April 1990. No further details regarding these listings is available. The SHWS and CERCLIS sites are generally associated with hazardous materials and/or petroleum products. As it is unclear what the ERIS database listings pertain to or what the current status of the facility is given its historic and current industrial nature, the potential is present that hazardous materials and/or petroleum products may have released to the environment and migrated on to the Property.	---	---	---
'285	---	Sparrows Point Shipyard	Present and observed	Non-REC	Sparrows Point Shipyard is listed on the ERNS database with various spill incidents. In most cases the materials are reported to have been contained and cleaned, but in at least seven instances no cleanup details were provided. The address is also listed in the SHWS database under the name Bethlehem Steel Shipyard. No further information is provided. Finally, the address is also listed in the SHWS and Voluntary Cleanup Program databases under the name Sparrows Point Shipyard LLC. As this facility is considered down-gradient to the Property it is unlikely that the aforementioned spills or listings resulted in impacts that would have migrated onto the Property.	---	---	---

Notes:

--- Not Applicable

DCC Report: Description of Current Conditions Report (January 1998)

Non-REC: A Finding which has been determined to not represent a recognized environmental condition for the Property

*Finding Number: Items which were identified over the course of the Phase I ESA which had not been previously identified as a Finding in other historical environmental reports such as the RFA and DCC Report.

¹ The source of this information was taken from the RFA (1993) and/or the DCC Report (January 1998).

² A recognized environmental condition (REC) is defined as the presence or likely presence of any hazardous substances or petroleum products in, on, or at the Property due to any release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. Therefore, Weaver Boos identified the presence of a REC in instances when one of the following was present: an obviously apparent indication of a release was observed during the site visit, a previously detected release was identified as represented within the historical documentation reviewed, and/or the material threat of a release is or was possible based on the current and/or historical uses, operations, and facilities present based upon Weaver Boos' experience and knowledge of sites of a similar nature.

RCRA Facility Report (RFA) Codes

SD = SWMU Description included in Section 4 of the RFA document

AD = AOC Description provided in RFA Report

I = Units located indoors and not observed to be releasing

TP = Treatment process units managing waste not observed to be releasing

NR = Units located outdoors but not observed to be releasing

NH = Unit managing non-hazardous waste

RS = Unit that no longer exists and was removed from site

AI = Additional information needed to assess potential for release

CV = Units of concern, inability to assess which unit was releasing

Table 2
Phase I ESA
REC Table
Sparrows Point, Maryland

Finding	RECs	¹ SWMU/ AOC #	Description	Status During Phase I ESA Site Reconnaissance	Phase I ESA Conclusion	² Basis for Phase I ESA Conclusion	¹ RFA Det. Code	DCC Report Recommended Action	¹ Basis For DCC Report Recommendation
Consent Decree: REC-1 through REC-6 are subject to evaluation under the 1997 Consent Decree.									
1 Tin Mill Canal and Finishing Mills Area									
1	1A	1	Tin Mill Canal (TMC)	Present and observed	REC	The DCC Report recommended further action was needed for this item. The TMC is included as a Special Study Area under the Consent Decree. In addition, during the site visit oil and grease impacted sediments were observed in the TMC. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Consent Decree "Special Study Area"
2	1B	2	TMC Discharge Pipes	Present and observed	REC	The DCC Report recommended further action was needed for this item. The TMC is included as a Special Study Area under the Consent Decree. During the site visit turbid discharges from several pipes was observed flowing into the TMC. The potential for continuing discharge of residual contaminants may remain. Based on this information, the potential for a material release to the environment is present.	SD	Further Action	Include in SWMU 1 Evaluation
3	1C	3	TMC Oil Skimming Devices	Present and observed	REC	The DCC Report recommended further action was needed for this item. The TMC is included as a Special Study Area under the Consent Decree. In addition, during the site visit the skimming devices were observed to be coated with oil and grease. Based on this information, the potential for a material release which may impact the environment is present. It is Weaver Boos understanding that this equipment is scheduled to be removed as part of continuing demolition activities.	SD	Further Action	Include in SWMU 1 Evaluation
4	1D	4	TMC Dredging Containment Areas	No longer present, areas observed	REC	The DCC Report recommended further action was needed for this item (see Finding 6). The TMC is included as a Special Study Area under the Consent Decree. Based on our review of historical source information and experience, dredged materials from the TMC may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment. During the site visit the areas were observed to be level and paved with slag or vegetated.	SD	Further Action	Undifferentiated with SWMU 6, include in SWMU 1 Evaluation
5	1E	5	TMC Waste Oil Storage Tanks	Present and observed	REC	The DCC Report recommended further action was needed for this item. The TMC is included as a Special Study Area under the Consent Decree. In addition, the storage tanks were observed in poor condition, with secondary containment compromised and oily contents leaking into the TMC. Based on this information, the potential for a material release which may impact the environment is present. It is Weaver Boos understanding that this equipment is scheduled to be removed as part of continuing demolition activities.	SD	Further Action	Include in SWMU 1 Investigation
6	1F	6	TMC Impoundments	No longer present, areas observed	REC	The DCC Report recommended further action was needed for this item (see Finding 4). The TMC is included as a Special Study Area under the Consent Decree. Based on our review of historical source information and experience, an impoundment is typically associated with the placement of materials potentially containing hazardous substances and/or petroleum products which may have resulted in a release to the environment. During the site visit the areas were observed to be level and paved with slag or vegetated.	SD	Further Action	Undifferentiated with SWMU 4, include in SWMU 1 Evaluation
8	1G	8	TMC Brill Skimmer Pits	Present and observed	REC	The DCC Report recommended further action was needed for this item. The skimmer pits are part of the TMC which is included as a Special Study Area under the Consent Decree. In addition, during the site visit oil and grease impacted sediments were observed in the skimmer pits. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Include in SWMU 1 Evaluation
9	1H	9	Former TMC Oil Collection Dumpster	No longer present, areas observed	REC	The DCC Report recommended further action was needed for this item. The TMC is included as a Special Study Area under the Consent Decree. No obvious impact was observed during the site visit. However, in our experience, an oil collection dumpster may have potentially been a source for a release of petroleum products to the environment. During the site visit the area were observed to be paved with slag with no specific indication of the dumpsters former presence.	SD	Further Action	Include in SWMU 1 Evaluation
19	1I	54	Coating Lines Blind Sumps	Present, but not observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, materials in the coating lines and sumps may contain hazardous substances and/or petroleum products which may have resulted in a release to the environment. Weaver Boos understands that the blind sumps are to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Include in SWMU 1 Evaluation
23	1J	58	Cold Sheet Mill Piping	Present, but not observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, materials in the cold sheet mill piping may contain hazardous substances and/or petroleum products which may have resulted in a release to the environment. Weaver Boos understands that the cold sheet mill piping is to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Evaluation
24	1K	59	Tandem Mill Trench System	Present, but not observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, materials located in this trench system may contain hazardous substances and/or petroleum products which may have resulted in a release to the environment. Weaver Boos understands that the tandem mill trench system is to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Evaluation
27	1L	62	Hot Strip Mill Basins	Present and observed	REC	The DCC Report recommended further action was needed for this item. In addition, during the site visit heavy oil and grease impacted scale and staining was observed along the east side of hot strip mill in the basins. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Condition of basins
28	1M	63	Hot Strip Mill Waste Oil Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item. In addition, during the site visit the general area in the vicinity of this former tank was observed to be oil-stained. Based on our review of historical source information and experience, waste oils stored in tanks could potentially leak onto the ground surface thereby impacting the environment.	SD	Further Action	Include in SWMU 62 evaluation
29	1N	64	Hot Strip Mill Oil Skimmer System	Potentially present, area observed	REC	The DCC Report recommended further action was needed for this item. It is unclear if the system is still present, but the general area observed to be oil stained during the site visit. In addition, based on our review of historical source information and experience, the oil skimmer system would likely have handled and contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Include in SWMU 62 evaluation
36	1O	71	PORI Oil/Water Separator	Present and observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 73). Please note that the oil recovery system evaluated in the RFA is no longer present, and the system observed during the site visit was new. Approximately half of the system was full of oily water. Based on our review of historical source information, observations and experience, an oil/water separator may potentially contain hazardous substances and/or petroleum products which may have resulted in a release to the environment. Weaver Boos understands that the oil/water separator is to be cleaned and decommissioned in the future.	SD	Further Action	Include in SWMU 73 evaluation
37	1P	72	PORI Holding Tank	Present and observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 73). Please note that the oil recovery system evaluated in the RFA is no longer present, and the system observed during the site visit was new. Only staining of the containment below the tank was observed during the site visit. Based on our review of historical source information, observations and experience, the holding tank may potentially contain hazardous substances and/or petroleum products which may have released to the environment. Weaver Boos understands that the holding tank is to be cleaned and decommissioned in the future.	SD	Further Action	Include in SWMU 73 evaluation
38	1Q	73	PORI Lagoon	Present, area not observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, materials located in the PORI lagoon contained residual petroleum products from the PORI system which may have resulted in a release to the environment. Weaver Boos understands that this lagoon is part of the TMC remedial effort.	SD	Further Action	Condition of lagoon
39	1R	84	Tin Mill Trenches/Sumps	Present and observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 1). In addition, during the site visit, several trenches and sumps were observed most of which exhibited oil staining which may have resulted in a release to the environment. Weaver Boos understands that the trenches/sumps are to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Evaluation
41	1S	86	Tin Mill Sump (Acid Monitoring)	Potentially present, not observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 1). Based on our review of historical source information and experience, sumps in this area handled pickling wastewater and may contain hazardous substances and/or petroleum products which may have resulted in a release to the environment. Weaver Boos understands that the sump and trench system are to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Evaluation
48	1U	198	Spent Pickle Liquor Sump and Trench System	Potentially present, area observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 1). Based on our review of historical source information and experience, the sump and trench system likely contains pickle liquor and may contain other hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that the sump and trench system is to be cleaned and decommissioned as part of the Finishing Mills SSA.	SD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Investigation
53	1V	J	Acid Tanks	Present and observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 1). In addition, during the site visit oily staining was observed below the acid tanks. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that the tanks are to be dismantled and removed in the future.	AD	Further Action	Condition of tanks, and known releases
58	1W	W	Spent Pickle Liquor Tanks	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item due to the presence of heavy staining on soil and gravel underneath the tanks. During the site visit, this area was observed to contain ASTs as well as some areas of pitting and cracking was apparent. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that the tanks are to be removed as part of the Finishing Mills SSA.	AD	Further Action	Discharges to TMC via SWMU 2, include in SWMU 1 Evaluation
59	1X	---	Hot Strip Mill Staining	Present and observed	REC	During the site visit the hot strip mills were observed to generally be heavily stained with apparent petroleum products on and under the equipment and in the associated pits. The condition of the ground surface and pits is unknown due to the heavy staining but in the surrounding area ranged from fair to good with some areas of pitting and cracking was apparent. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that the rolling mills are to be cleaned and decommissioned as part of the Finishing Mills SSA.	NH	No Further Action	No known releases, managed non-hazardous waste
60	1Y	---	Hot Strip Mill Drum Handling Area	No longer present, area not observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, materials in the drums in this handling area likely contained hazardous substances and/or petroleum products and likely leaked due to spillage or overflow. Larger spills were also possible. Therefore, these materials may have resulted in a release to the environment.	---	Further Action	Per DCC Report, added as an AOC for evaluation
2 Humphrey Impoundment									
61	2A	190	Humphrey Impoundment Area	Present and observed	REC	The DCC Report recommended further action was needed for this item. This area was used to receive wastewater from various steel processing areas, as a sludge dewatering area, and for storage of process slurry and other materials. These materials likely contained hazardous substances and/or petroleum products. The area was closed out in the 1960s due to the Clean Water Act, and was subsequently filled in the 1980s. In the DCC Report the EPA was concerned due to the nature of wastes managed by this impoundment. The Humphrey Impoundment is included as a Special Study Area under the Consent Decree. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Consent Decree "Special Study Area"
3 Greys Landfill									
62	3A	93	Greys Landfill	Present and observed	REC	The DCC Report recommended further action was needed for this item. Greys Landfill receives sludges from the HCWVTP, asbestos from building demolition activities, air emission control equipment, and wastes from the former steel mill. No lining is present in the landfill area and VOCs/SVOCs have been detected in the groundwater in this area. Greys Landfill is included as a Special Study Area under the Consent Decree. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Consent Decree "Special Study Area"
63	3B	94	Greys Tar Decanter Cell	Present and observed	REC	The DCC Report recommended further action was needed for this item (with SWMU 93). Based on our review of historical source information and experience, the decanter cell is a 1.5-acre impoundment located in the northeast corner of Greys Landfill and received wastes which may have contained hazardous substances and/or petroleum products. Based on this information, the potential for a material release which may impact the environment is present.	SD	Further Action	Unit contained within SWMU 93
4 Coke Point Landfill									
65	4A	191	Coke Point Landfill	Present and observed	REC	The DCC Report recommended further action was needed for this item. Documented fill contents have been recorded for this area. Large slag piles have been present since the 1970s and were observed to still be present during the site visit. The disposed materials are generally located on bare slag surface, with no plastic or clay liner. Coke Point Landfill is included as a Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the slag materials may contain hazardous substances and/or petroleum products associated with the coke oven activities. In addition, based on historical sampling data, benzene has been detected above objectives along the eastern boundary of the landfill, migrating east outside of the SSA.	SD	Further Action	Consent Decree "Special Study Area"
66	4B	192	Coke Oven Sweepings Pile	Potentially present, area not observed	REC	The DCC Report recommended further action was needed for this item (located within SWMU 191). Based on our review of historical source information and experience, materials in this sweepings pile may have contained hazardous substances and/or petroleum products.	SD	Further Action	Contained within SWMU 191
5 Coke Oven Area									
70	5A	105	Battery A Waste Oil Accumulation	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, materials associated with the waste oil accumulation area contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	SD	Further Action	Field observation of 1991 VSI

Table 2
Phase I ESA
REC Table
Sparrows Point, Maryland

Finding	RECs	¹ SWMU/ AOC #	Description	Status During Phase I ESA Site Reconnaissance	Phase I ESA Conclusion	² Basis for Phase I ESA Conclusion	¹ RFA Det. Code	DCC Report Recommended Action	¹ Basis For DCC Report Recommendation
117	5LL	152	B/L Litol Drum Staging Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the staging area may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (L)	Further Action	Within Consent Decree "Special Study Area"
118	5MM	153	B/L Benzene Truck Loading Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the truck loading area may have contained hazardous substances. Based on this information, the potential for a material release which may impact the environment is present.	CV (L)	Further Action	Within Consent Decree "Special Study Area"
123	5NN	L	Benzene/Litol Process Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the process area may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	Within Consent Decree "Special Study Area"
124	5OO	M	A Coal Chemicals Plant Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the plant area may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	Within Consent Decree "Special Study Area"
126	5PP	P	Former Naphthalene Plant Tank & Pit	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the tank and pit may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	Former unit with Consent Decree "Special Study Area"
127	5QQ	R	Underground Weak Ammonia Pipeline Spill Sites	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the pipeline spill sites may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	History of spills, within Consent Decree "Special Study Area"
128	5RR	U	B CCP Process Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item along with the Coke Oven Area Special Study Area under the Consent Decree. Based on our review of historical source information and experience, the process area may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	Within Consent Decree "Special Study Area"
130	5SS	---	Oily Mill Scale Pile	Present, area not observed	REC	Based on Weaver Boos review of the 2010 aerial photograph and interview comments by Ms. Brown of MDE and Mr. Becker of a large pile of oily mill scale is present just west of the Kinder Morgan offices. Based on our review of historical source information and experience, this area may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
6 Rod and Wire and Pipe Mill Area									
131	6A	27	Rod Mill Remediation Area	Present and observed	REC	Continuing interim measures (IM) are in place for cadmium/zinc impacted groundwater as per the Consent Decree. During the site visit the existing IM remediation system was observed. Based on this information, the potential for a material release which may impact the environment is present.	SD	No Further Action	IM groundwater remediation under MDE C-O-85-179
132	6B	28	[Filled] Northwest Pond	No longer present, area observed	REC	Continuing interim measures are in place for cadmium/zinc impacted groundwater as per the Consent Decree. During the site visit the existing IM remediation system was observed. Based on our review of historical source information and experience, the Northwest Pond may have potentially contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	SD	No Further Action	IM groundwater remediation under MDE C-O-85-179
133	6C	29	[Filled] East Pond	Present and observed	REC	Continuing interim measures are in place for cadmium/zinc impacted groundwater as per the Consent Decree. During the site visit the existing IM remediation system was observed. Based on this information, the potential for a material release which may impact the environment is present.	SD	No Further Action	IM groundwater remediation under MDE C-O-85-179
153	6D	49	Pipe Mill Trenches/Sumps	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item which were identified as piping designed to transport process wastewater. Based on our review of historical source information and experience, the trenches/sumps may have potentially contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	SD	Further Action	Focused closure-oriented project
160	6E	X	Unknown Aboveground Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, the tank may have contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	AD	Further Action	Focused closure-oriented project
162	6F	Z	Pipe Mill Acid Tanks	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item. Based on our review of historical source information and experience, the acid tanks may have potentially contained hazardous substances which may have resulted in a release to the environment.	AD	Further Action	Focused closure-oriented project
Voluntary Cleanup Program (VCP): REC-7 through REC-29 are subject to evaluation under the VCP (or enhanced procedures based on the VCP technical requirements).									
7 Wastewater Treatment Plant									
165	7A	10	HCWWTP Settling Basins	Present and observed	REC	Basin No. 1 is no longer present, part of Basin No. 2 remains, and basin No. 3 remains. The basins were inferred to contain significant quantity of TMC sediment or WWTP sludge, and according to Mr. Becker were cleaned in 2003-2004. No sampling data was provided. Based on this information, the potential for a material release which may impact the environment is present.	TP	---	---
167	7B	12	HCWWTP Aerators	Present and observed	REC	Aeration basins were inferred to contain significant quantity of TMC sediment or WWTP sludge. The aerators were observed to be operating normally during the site visit. However, based on our experience, the potential for a material release which may impact the environment is present.	TP	---	---
173	7C	---	HCWWTP Emergency Detention Basin	Present and observed	REC	The Basin is a surface impoundment-like lagoon observed during the site visit. Approximately 2.5 acres in size, the basin was observed to contain what appeared to be several thousand cubic yards of sediment or WWTP sludge. The basin is constructed with a composite liner. The sediment or sludge is petroleum products or hazardous substances held within the structure. Based on our review of historical source information and experience, this area likely contains potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
8 Former Steel Making Area									
199	8A	195	Former ERS Oily Wastewater Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for the aboveground tank located north of the Electrical Repair Shop (ERS) under the Consent Decree. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures were still present and no obvious indications of release were observed. Based on our review of historical source information and experience, materials associated with the wastewater tank contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	AI	Further Action	Unknown impacts from previous activities
202	8B	---	No. 10 Fuel Oil Tank	No longer present, area observed	REC	The DCC Report recommended further action was needed for the fuel oil tank under the Consent Decree. During the site visit, the general area was observed to be largely vacant land with some debris piles. Miscellaneous small structures were still present and no obvious indications of release were observed. Based on our review of historical source information and experience, materials associated with the tank may have contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	Further Action	Per DCC Report, added as an AOC for evaluation
203	8C	---	Oil House	No longer present, area observed	REC	According to FOIA documents provided by Baltimore County, an oil house was located in the former steel mill area. The use, condition, and status of the oil house is currently unknown and therefore may have caused a release to the environment.	---	---	---
204	8D	---	Gas Pumping Station	No longer present, area observed	REC	According to FOIA documents provided by Baltimore County and also as illustrated in the DCC Report, a gas pumping station was located just southeast of the adjoining Shipyard in the former steel mill area. Based on interview comments, Weaver Boos understands that this station was associated with coke oven gas. A potential historical release of coke oven gas condensate to the environment may have occurred.	---	---	---
9 Former Rolling Mills Area									
233	9A	194	Waste Oil Stabilization/Packing Area	No longer present, area observed	REC	The DCC Report recommended further action was needed for this item. During the site visit the area in the vicinity of this waste oil stabilization/packing area was observed to be vacant. Based on our review of historical source information and experience, materials associated with the waste oil stabilization/packing area may have contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	SD	Further Action	Field observation of 1991 VSI
238	9B	---	Rolling Mills Impoundment	No longer present, area observed	REC	Based on Weaver Boos review of the 1952 aerial photograph, a small, dark, rectangular image appearing to be a surface impoundment or pond is visible in the Primary Rolling Mills Area, directly southwest of the Big Apple water tank. Weaver Boos observed this area to be vacant during the site visit. Based on our review of historical source information and experience, this area may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
239	9C	---	Bulk Petroleum Storage	No longer present, area observed	REC	According to FOIA documents provided by Baltimore County, a bulk petroleum storage area was located northwest of the town in the former rolling mills area. It is unknown how many petroleum products were stored, the condition of the storage area, or the types and conditions of the storage containers. Therefore, a release to the environment may have occurred in this area.	---	---	---
10 ATEC									
240	10A	---	Hazardous Materials Storage	Present and observed	REC	During the site visit, the former ATEC building on eastern side of Property observed with a hazardous materials room and ASTs with unknown contents or condition. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
241	10B	---	Large Historical Possible AST	No longer present, area not observed	REC	A large circular structure appearing to be an AST surrounded by a circular berm is first visible in the 1957 aerial photograph along the east side of Wharf Road at the Sparrow Point Boulevard Interchange in an area identified as the Carrier Express Terminal near the ATEC facility. From the presence of the berm, it is considered reasonably likely that the AST contained oil. This feature remains visible in the 1994 aerial photograph, but is no longer present in the 2002 aerial photograph. Based on our review of historical source information and experience, materials in the tank may contain hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
11 Air Products									
242	11A	---	Exposed Cold Box Insulation	Present and observed	REC	During the site visit, friable insulation of cryogenic cold boxes was observed exposed and released to the ground after their partial demolition. If the insulation is asbestos containing, the materials could enter water and soil in the area. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that the Air Products facility is to be demolished and removed in the future.	---	---	---
243	11B	---	Oily Surface Water Discharges to High Head Reservoir	Present and observed	REC	During the site visit, oily water was observed on the surface of the adjoining High Head Reservoir and booms were placed around a discharge pipe coming from Air Products facility. The source and nature of the oil-suspended surface water is unknown. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
12 Rail Yards									
246	12A	---	Maintenance of Way Yard UST	Present and observed	REC	During the site visit, the Maintenance of Way Yard was observed north of the ATEC facility on the Property. Three fuel dispensers were observed during the site visit, one dispenser was marked as gasoline. The area itself has an unknown condition. According to the radius report, this yard is listed in the UST database with a 12,000-gallon gasoline tank listed as permanently out of service. No further information is available. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
247	12B	---	Yacht Club Rail Yard Fill Materials	Present and observed	REC	This Yard is located north of the yacht clubs on the Property. Aerial photographs show potential fill materials being placed on the north side of the yard with general yard activities. Several piles of fill soil or debris were observed during the site visit. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
13 Transformers									
249	13A	---	Former PCB Containing Transformers	Generally present and observed	REC	According to historical documents, 28 larger transformers were formerly on the Property and based on testing conducted to contain PCBs. Two of these transformers are still in service. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
14 Machine Shop No. 2									
250	14A	---	Demolition Debris Piles	Present and observed	REC	During the site visit, debris with asbestos containing materials was observed sitting on bare ground surface. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that these piles are to be removed in the future.	---	---	---
251	14B	---	Oily Pits, Sumps	Present, area observed from a distance	REC	According to site contact, oily water has been noted in subsurface pits. Based on this information, the potential for a material release which may impact the environment is present. Weaver Boos understands that the area is to be cleaned in the future.	---	---	---
15 Plant Garage (former Mason's Garage)									
252	15A	---	Mason's Garage Current ASTs/Filling station	Present and observed	REC	Several petroleum ASTs were observed in the plant garage area that is generally associated with the filling station for company vehicles. Some staining was observed during the site visit. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---

Table 2
Phase I ESA
REC Table
Sparrows Point, Maryland

Finding	RECs	¹ SWMU/ AOC #	Description	Status During Phase I ESA Site Reconnaissance	Phase I ESA Conclusion	² Basis for Phase I ESA Conclusion	¹ RFA Det. Code	DCC Report Recommended Action	¹ Basis For DCC Report Recommendation
254	15B	H	Mason's Garage Former USTs	No longer present, area observed	REC	The DCC Report recommended further action was needed for these gasoline, diesel, and waste oil USTs that were closed without assessment sampling. According to historical documents, former UST(s) were located in this area for the filling station. No records on when or how they were removed or if leaks were observed. Based on our review of historical source information and experience, these former USTs may have contained petroleum products which may have resulted in a release to the environment.	AD	Further Action	UST closure/soil remediation completed but no confirmatory sampling
Other Property Locations									
256	16	---	County Lands #1A	Present, area observed from a distance	REC	The DCC Report recommended further action was needed for this former contractor storage area with historical waste and garbage dumping. It is currently unknown what exactly occurred in this area, what was disposed of, or how the materials were managed. During the site visit, the area was observed to be vacant, with piles of materials. Based on this information, the potential for a material release which may impact the environment is present.	---	Further Action	Per DCC Report, added as an AOC for evaluation
257	17	---	Coke Oven Gas Drip Legs	Potentially present, areas not observed	REC	The DCC Report recommended further action was needed for this item. No obviously apparent drip legs were observed during the site visit, but comments provided by site contacts indicated their former presence and use. Based on this information, the potential for a material release which may impact the environment is present.	---	Further Action	Per DCC Report, added as an AOC for evaluation
262	18	---	Southern Slag Pile Demolition Debris	Present and observed	REC	Slag piles along the southern Property boundary were observed during the site visit to also contain unknown quantities of demolition or other debris. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
266	19	---	Pennwood Storage Tank Farm ASTs	Present and observed	REC	There are large ASTs east of the blast furnace that held fuel oil and recycled oil. No obvious leaks or staining were visible during the site visit, but due to age, corrosion and release(s) may have occurred. The 1952 aerial photograph shows dark area inside berm. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
270	20	---	Former Fuel UST at Contractor's Village	Present and observed	REC	This UST was formerly used by subcontractors for the Property. During the site visit, it was observed as material storage. It is a reported former diesel UST location. The area was historically used for equipment repairs and storage. Based on this information, the potential for a material release which may impact the environment is present.	---	---	---
271	21	---	Residential Town Tanks	Potentially present, observed from a distance	REC	Fire insurance maps depict buildings with boiler rooms and up to 9 tanks in the former Town area. It is unclear if these tanks are USTs or ASTs. No obviously apparent USTs or ASTs observed during site visit. Based on our review of historical source information and experience, tanks may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
273	22	---	Apparent Historical Surface Impoundment ("G" Gate)	No longer present, area observed	REC	According to historic documents, a small, dark, irregularly shaped image appearing to be a pond is visible immediately north of the Tin Mill Canal in the area that is now a vehicle parking lot just east of the "G" Gate along the south side of Route 158. This pond appears to be discharging a dark plume to the adjoining surface water of the remnant Humphrey Creek. This historic feature is located north of the TMC/Finishing Mills Special Study Area boundary. Based on our review of historical source information and experience, this area may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
275	23	---	Miscellaneous Property Underground Storage Tanks	Potentially present, locations generally unknown	REC	Based on Weaver Boos' review of regulatory records and historical reports, twelve (12) to 34 USTs may have been or currently are present on the Property. These USTs contained materials such as fuel oil, gasoline, diesel fuel, waste oil, mixtures and other materials. Samples collected during the removal of select USTs indicate concentrations of TPH above MDE cleanup standards. The exact locations of these USTs is unknown as well as if each UST is unique or duplicative. Some of these USTs may also be referencing USTs known to have been present, such as at the Mason's Garage or Contractor's Village. Therefore, Based on our review of historical source information and experience, the known or potential releases from these USTs meets the definition of a recognized environmental condition.	---	---	---
276	24	---	Miscellaneous Property Spills	Locations unknown	REC	The Property was listed numerous times in various spills related databases associated with spills of materials including, but not limited to, wash oil, waste oil, PCBs, oils, chemicals, spent pickle liquor and other materials ranging in size from 1-gallon to 5,000-gallons. Many of these spills were of a quantity larger than 100-gallons, had no cleanup performed, or otherwise had no information. The exact locations of these spills is currently unknown. These releases may have resulted in impact to the environment.	---	---	---
277	25	---	Shipyards Apparent Impoundment	No longer present, area observed	REC	Based on Weaver Boos' review of aerial photographs, by 1938 what appears to be a large surface impoundment is visible just north of the coal slip and coal yard. It extends northerly onto what is presently Shipyards property just east of the Shipyards Graving Dock. Apparent dark plumes on the adjoining surface waters of Bear Creek and the Patapsco River suggest process water discharges from this surface impoundment. This feature is present until at least 1952 on aerial photographs. Weaver Boos observed the area near the shipyard to be vacant at the time of the site visit, however portions of this area are on the adjoining shipyard property as well. Based on our review of historical source information and experience, this area may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment. It is Mr. Becker's belief that this surface impoundment is located on the Shipyards western adjoining property.	---	---	---
278	26	---	TMC Oil Recovery Plant and Impoundment	No longer present, area observed	REC	Based on Weaver Boos review of the 1964 aerial photograph, a small Oil Recovery plant is present just north of the TMC SSA, and an apparent small, rectangular surface impoundment is visible to the southwest. The impoundment is diked to separate it from the remaining surface water of Humphrey Creek. Based on our review of historical source information and experience, this area may have contained potentially hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
279	27	---	Former Coke Point Process Tanks (Outlying)	No longer present, area observed	REC	Aerials and topographic maps depict a large number of ASTs adjoining the northeast corner of the Coke Oven SSA. The ASTs were not observed during the site visit with the area of the ASTs largely vacant land. The materials in these tanks may have leaked to the surrounding area. Based on our review of historical source information and experience, the process tanks may have potentially contained hazardous substances and/or petroleum products which may have resulted in a release to the environment.	---	---	---
28 Adjoining Properties									
281	28A	---	Adjoining Property USTs	Potentially present, not observed	REC	According to the ERIS Report, the following up-gradient properties (generally northeast) are listed in the UST database with multiple USTs containing gasoline, diesel fuel, heating oil, and other materials listed as permanently out of use: Dairich Industries Inc., American National Can Company, Greiff Brothers Corporation, AMG Resources Corporation. As the status of the USTs, including whether any leaks or spills have occurred which may migrate on to the Property, is currently unknown, the potential is present that the potentially hazardous substances and/or petroleum products within the tanks may have released into the environment and migrated on to the Property.	---	---	---
282	28B	---	Adjoining Property Spills	No longer present, not observed	REC	Various spill incidents were documented in the radius report on adjoining properties (specific locations unknown). No cleanup details were provided. These hazardous substances and/or petroleum products may have resulted in impact to the environment which could have migrated on to the Property.	---	---	---
283	28C	---	Kiel's Auto Repair	Potentially present, not observed	REC	Kiel's Auto Repair northeast of the Property across North Point Boulevard is listed on the OCP database with case number 10-0620BA that was opened May 2010 and remains open. As the OCP database relates to petroleum products and due to the nature of auto repair operations, it is likely that the materials released are petroleum products. This release may have resulted in impact to the environment which could have migrated on to the Property.	---	---	---
284	28D	---	AMG Resources	Present and observed	REC	Vulcan Materials Division (currently AMG Resources Corporation) north of the Property is listed on the SHWS database with no further information provided. The site is listed on the CERCLIS database as an archive site in April 1990. No further details regarding these listings is available. The SHWS and CERCLIS sites are generally associated with hazardous materials and/or petroleum products. As it is unclear what the ERIS database listings pertain to or what the current status of the facility is given its historic and current industrial nature, the potential is present that hazardous materials and/or petroleum products may have released to the environment and migrated on to the Property.	---	---	---

Notes:

- Not Applicable
- DCC Report: Description of Current Conditions Report (January 1998)
- Non-REC: A Finding which has been determined to not represent a recognized environmental condition for the Property
- *Finding Number: Items which were identified over the course of the Phase I ESA which had not been previously identified as a Finding in other historical environmental reports such as the RFA and DCC Report.
- ¹ The source of this information was taken from the RFA (1993) and/or the DCC Report (January 1998).
- ² A recognized environmental condition (REC) is defined as the presence or likely presence of any hazardous substances or petroleum products in, on, or at the Property due to any release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. Therefore, Weaver Boos identified the presence of a REC in instances when one of the following was present: an obviously apparent indication of a release was observed during the site visit, a previously detected release was identified as represented within the historical documentation reviewed, and/or the material threat of a release is or was possible based on the current and/or historical uses, operations, and facilities present based upon Weaver Boos' experience and knowledge of sites of a similar nature.

RCRA Facility Report (RFA) Codes

- SD = SWMU Description included in Section 4 of the RFA document
- AD = AOC Description provided in RFA Report
- I = Units located indoors and not observed to be releasing
- TP = Treatment process units managing waste not observed to be releasing
- NR = Units located outdoors but not observed to be releasing
- NH = Unit managing non-hazardous waste
- RS = Unit that no longer exists and was removed from site
- AI = Additional information needed to assess potential for release
- CV = Units of concern, inability to assess which unit was releasing