

ATTACHMENT A
Reconnaissance, Targeted Sampling, and Potential Chemical and Physical Hazards Inventory
Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area:L

Property (Common Name):Former Amoco Tank Farm, Julio Contracting Company

Property Identification Number/Owner:009-033-037-00, 006-032-026-00/Lawrence Julio

Inspection Date:9/27/2018

General Property Description (Significant Landscape Features, Topography, Cover, Etc.): Area L was not identified on available Sanborn Maps; however, according to Monette's Dollar Bay, Michigan, Fifty-Fourth of a Local History Series (Monette, 2000), Dollar Bay Terminal Company erected three storage tank onsite in May of 1945. It was reported the welded steel gasoline tanks each had a capacity of 840,000 gallons, with dimensions of forty feet high and sixty feet in diameter. Dikes or firewalls surrounded each tank, while lake tankers were used to transport the product from Chicago refineries. Three additional tanks were added to the site, which increased storage for kerosene, diesel fuel, and three grades of gasoline. In May 1984, the owner/operator Amoco Oil Company closed the facility, selling the property to Julio Contracting Company of Ripley. The six tanks were dismantled in October 1994 after a tug-barge was used to drain the tanks. The tug-barge has also been observed at another Julio property along the Portage Canal. Other historic land use and/or mining operations are unknown. The current usage of the area is unknown, although it appears to be inactive. This property is bound to the south and east by residential properties. The Copper Heritage Trail is located to the north of the property, while an undeveloped wooded lot is located to the west. There is one building at the north corner on the property that includes a garage. Semi-tractor trailers, heavy equipment, fuel tanks of varying sizes and construction material are staged throughout the property. Sand, gravel and stamp sand piles are observed, along with large piles of sandstone construction debris. The topography is relatively flat towards the north; however, undulating hills that appear to be overgrown cobbler/boulder piles are observed to the southeast and central portions of the property. Access to the property is restricted by fencing.

Description		Notes:		Potentially Abandoned Containers																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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ATTACHMENT A
Reconnaissance, Targeted Sampling, and Potential Chemical and Physical Hazards Inventory
Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area:G

Property (Common Name):Julio Contracting Company

Property Identification Number/Owner:006-166-01-00/Lawrence Julio

Inspection Date:9/25/2018

General Property Description (Significant Landscape Features, Topography, Cover, Etc.):
Standard Oil Company operated at the northwest corner of the area according to the 1917 Sanborn Map. Other historic land use and/or operations are unknown following review of available historic Sanborn Maps and other resources. The area is currently the location of Julio Contracting Company and is bound to the north by the ROW for Highway M-26 and to the south by the Portage Canal. A vacant lot is located to the west and the Dollar Bay Motor Sports property is located to the east. The ROW for the Copper Heritage Trail transects the property. At least two mining-era buildings, along with another building that appears to be used for company business are located on the property. Semi-tractor trailers, a crane and other heavy equipment are located on the property. Suspect asbestos containing materials, including asphaltic roofing material and potential thermal insulation material, along with abandoned drums are observed throughout the property. Topography is relatively flat, sloping gently to the Portage Canal. This is an unsecured area easily accessed by the public via the trail. Boat slips are located along the shoreline.

Not Intact = filled with scrap, appears or is visibly empty, carcass, major holes, rusted with holes, split seams		Potentially Abandoned Containers														Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018		Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon Latitude	Recon Longitude	Observation Number
		1-25 gallon container		35-40 gallon drums		55 gallon drums		>55 gallon drums	ASTs/USTs 25-200 gallons		ASTs/USTs >200 gallons		Pressurized Vessel/Compressed Cylinders	Auto/Boat Fuel Tanks																			
		Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass	Intact	Intact	Not Intact	Intact	Not Intact																					
Description	Notes:																							Targeted Sample ID									
Ditch running along the west side of property, metal culvert under road, surface water appears to have an oily sheen	Same sheen observed, oily smell																						QMCP-SS62 QMCP-SB/GW75 QMCP-SB/GW76		0	47.125531884	-88.552100436	Outfall009					
Black coated piping with triangular shaped concrete-like inside	Potentially asbestos containing																						Y	Y	QMCP-ASBBLK19	Non-Friable	0	47.124968934	-88.551428794	SACM023			
Lengths of pipe, with black coating material on outside, various lengths, diameters																							Y	N			0	47.125001605	-88.551545287	SPCB011			
Green roofing on ground Tar paper, fibrous Silver coated tar paper	Material scattered throughout the area																						Y	Y	QMCP-ASBBLK22 QMCP-ASBBLK23	Friable Friable	0	47.125226494	-88.551117164	SACM024			
Darkened material on stamp sand near box equipment	Previously sampled, N flag																						1	N	N			0	47.125169779	-88.550949884	Soil006		
1- Rusted drum, appears intact, bulging 1- AST, appears intact, upright, 200 gallon 1- AST, split seem, on yellow equipment, 250 gallon	Drum may require characterization					1						1	1											N	N			3	47.125149138	-88.550860885	Cont076		
White deteriorated material	SS13 was collected previously																						Y	Y	QMCP-ASBBLK24	Friable	0	47.125195714	-88.550757241	SACM025			
2- heating oil tanks in the back of the dump truck 1- 55 gal drum, open spout, appears intact	Drum may require characterization					1				2														Y	N			3	47.125280603	-88.551185874	Cont077		
5- 1 gallon plastic buckets, appears full, unknown contents 2- 55 gallon drum carcass, empty	May require characterization	5					2																	Y	N			7	47.125346401	-88.551261059	Cont078		
16- drums, appear to be intact 5- drums, appear split or open 1- heating oil tank, appears intact 2- 35 gallon drum, empty or split 1- gray pressure vessel 1- drum inside sandstone house	Drums may require characterization					2	17	5		1				1													26	47.125258000	-88.551554000	Cont079			
White material, deteriorated, in wooden box on sandstone building, on ground																								Y	Y	QMCP-ASBBLK20 QMCP-ASBBLK21	Friable Non-Friable	0	47.125165837	-88.551156472	SACM026		
Rusted 35 gallon drum, open at one end	May require characterization			1																				N	N			1	47.125727433	-88.551707859	Cont080		
3- 55 gallon drums, crushed, rusted, appear intact, unknown contents 4- 55 gallon drums, crushed, open, unknown contents 1- 35 gallon drum, missing bottom	Drums may require characterization						1	7																	N	N			8	47.125966913	-88.551686499	Cont081	
Stained black soil																								Y	N			0	47.125832318	-88.551328183	Soil007		
2- 55 gallon drums, intact, "magic formula" 2- 55 gallon drums, open valve on one, other spilt and partially buried 2- 35 galling drums, appear open	May require characterization						2	2	2																N	Y	QMCP-SS52		6	47.125823000	-88.551345000	Cont082	

Note: Total Item Count is included on the last page of the table.

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Not Intact = filled with scrap, appears or is visibly empty, carcass, major holes, rusted with holes, split seams		Potentially Abandoned Containers														Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon Latitude	Recon Longitude	Observation Number
		1-25 gallon container		35-40 gallon drums		55 gallon drums		>55 gallon drums	ASTs/USTs 25-200 gallons		ASTs/USTs >200 gallons		Pressurized Vessel/ Compressed Cylinders	Auto/Boat Fuel Tanks																			
		Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass	Intact	Intact	Not Intact	Intact	Not Intact																					
Description	Notes:																																
1- 35 gallon drum attached to cement mixer 4- 55 gallon drums, one with holes in top, others appear intact Soil staining near parked equipment Area includes three active ASTs on north side of drive, stained soil throughout area Light ballast	Drums may require characterization				1		3	1				3									1			N	N			8	47.125408000	-88.550641000	Cont083		
Includes: 1- 35 gal drum carcass, open empty 2- 55 gal drums in work trailer, appear intact Staining at pipe near work trailer door	May require characterization																							Y	N			0	47.125250113	-88.550282209	SPCB0012		
Black paper with silver paint, deteriorated, falling off building 36'x45'x30'																		1						Y	Y	QMCP-ASBBLK25	Non-Friable	0	47.124964096	-88.550507296	SACM027		
1- 5 gallon pail, empty Black box on equipment, white material at welding Black SACM on ground	Box may require characterization		1																					N	N			1	47.125102128	-88.550552844	Cont085		
1- 35 gallon rusted drum, crushed, partially buried, no top visible 2- 5 plastic container, one red, appears full		2		1																				N	N			3	47.124970878	-88.549991836	Cont086		
Total Item Count:		7	1	5	4	33	10	0	3	0	4	1	1	0	0	0	0	6	0	2	0	1	4	1			12		69				

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Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area:

I

Property (Common Name):

Julio Contracting Company

Property Identification Number/Owner:

006-031-034-00/Lawrence Julio

Inspection Date:

9/25/2018 & 9/26/2018

General Property Description (Significant Landscape Features, Topography, Cover, Etc.): Portage Boiler Works operated within Area I in 1907 according to historical Sanborn review and by 1928 Lake Superior Iron and Metal Company operated at the site. The 1949 Sanborn Map depicts Area I was used for scrap iron storage and was the location of the J.H. Green Company; however, the nature of the company is unknown. The area is currently the location of various metal scrap and machinery, and is operated in conjunction with Julio Construction Company and Julio Marine and Salvage. This property is bound to the north by the ROW for Highway M-26 and to the south by the Portage Canal. The Wuebben property is located to the west, and H&Y Marina is located to the east. At least one mining-era building that is identified on the 1907 Sanborn map as a boiler house remains on the property, with one other additional wooden structure that appears to have been a residence. Semi-tractor trailers and other heavy equipment are located on the property. Suspect asbestos containing materials, including Transite tile, gasket material, boiler insulation, and roofing material are observed throughout the property and nearby trail. Abandoned containers with unknown contents, fuel tanks of various sizes and piles of electrical and suspect PCB and mercury containing equipment were also observed in proximity to the trail. Piles of what appear to be construction and rock debris are located near the shoreline; however, general, topography is relatively flat, sloping gently to the Portage Canal. While the road entrance is secured with a gate, the area is easily accessed by the public via the ROW for the Copper Heritage Trail that transects the property. A cellular tower operated by Verizon is located in a fenced area in the central portion of the property.

Description	Notes:	Potentially Abandoned Containers												Pressurized Vessel/ Compressed Cylinders	Auto/Boat Fuel Tanks	Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/ Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon Latitude	Recon Longitude	Observation Number	
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Not Intact = filled with scrap, appears or is visibly empty, carcass, major holes, rusted with holes, split seams																																		
Black and white wrapped around metal pole																		1						Y	Y	QMCP-ASBBLK26	Friable	0	47.124590014	-88.547494748	SACM028			
Rusted metal Container with black gasket and bolted metal top, partially buried, potentially oil filled	No visible soil staining																		1					Y	Y	QMCP-SS53		0	47.124524459	-88.547108993	SPCB013			
White TSI material, deteriorated																		1						Y	Y	QMCP-ASBBLK28	Friable	0	47.124569494	-88.547021217	SACM029			
Metal canister with no lid in pile of electrical debris, no other suspect transformers, capacitors visible	Pile on hillside, mixed with gravel																									QMCP-ASBBLK29 QMCP-RPM05 QMCP-SS54	Non-Friable	0	47.124496000	-88.546851000	SPCB014			
Gasket material on orange pipe 2LF visible Black/white fibrous belt, 3LF visible Black roofing on ground, 1SF Crystalline fibrous material on pipe, long fibers 1- open 55 gallon drum 1- intact drum near SS16, 1- Black fuel tank, 60 gallon 1- Rust orange, 50 gallon 1- Rectangular fuel tank, 6 gal	SACM Drum may require characterization					2									3											QMCP-ASBBLK27 QMCP-SS16	Friable	5	47.124426000	-88.547301000	Cont087 SACM030			
Green and black coating on metal pipe	potentially PCB containing																	1						Y	N			0	47.124415668	-88.547040839	SPCB015			
Black with white corrugated material, deteriorated in piles																		1						Y	Y	QMCP-ASBBLK35	Non-Friable	0	47.124505723	-88.546077257	SACM031			
Fabric coated black rubber coated piping																		1						Y	Y	QMCP-ASBBLK36	Friable	0	47.124494190	-88.545816628	SACM032			
1- Riveted tank on skid, open at one end 9'x5'x2.5'											1													N	N			1	47.124379452	-88.545386041	Cont088			
1- AST 6'x6' diam holes on side 1- fuel tank, 60 gallon 1- fuel tank, black, 100 gallon												1		2										N	N			3	47.124239820	-88.545599458	Cont089			
2- fuel tanks on side 27'x11'dia, 30'x11'dia 3- vertical 18'x10'dia 2- fiberglass tanks, 9'x8'dia 1- yellow propane tank, 16'x42" diameter 1- smaller fuel tank on side, with cut, 12'x64" dia 1- 55 gal drum, appears empty	Characterization may be required					1					8		1											1	N	Y	QMCP-SS20 QMCP-SS39		10	47.124087000	-88.545412000	Cont090		
2- AST on ground, appear intact, 21'x9'dia 1- AST vertical, N top, trees growing through	May require characterization										2	1												N	N			3	47.124205866	-88.547634381	Cont092			
Silver fuel tank on side, open vent												1												N	N			1	47.123691863	-88.547396933	Cont093			
Rusted drum, hole in top, partially buried, 55 gal White Transite board with black mastic, broken in pieces, 1CY	Drum may require characterization SACM					1																				QMCP-ASBBLK39	Non-Friable	1	47.123598564	-88.546761521	Cont094 SACM033			
4 ASTs welded together as a barge, appear intact, but sounds empty	Car battery on ground nearby											4		1										N	N			4	47.123675301	-88.546764640	Cont095			
1- 250 gallon AST, open hole on side												1												N	N			1	47.123792734	-88.546821776	Cont096			
1- 60 gal fuel tank on side, appears intact	May require characterization													1										N	N			1	47.123672740	-88.547128111	Cont097			
Brown sand with black staining, oil odor, partially buried																													0	47.123760089	-88.546977660	Soil008		

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Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area:

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Property (Common Name):

Julio Contracting Company

Property Identification Number/Owner:

006-031-034-00/Lawrence Julio

Inspection Date:

9/25/2018 & 9/26/2018

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		Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass		Intact	Intact	Not Intact	Not Intact																							
Not Intact = filled with scrap, appears or is visibly empty, carcass, major holes, rusted with holes, split seams																																			
1- fuel tank on side, appears intact, "<10% LEL Do not reuse gasoline" 7.5'x3'dia											1													N			1	47.123672394	-88.546340223	Cont098					
Potential capacitors in shed, potentially pump starters, inaccessible on wall																	1							N	N		0	47.123908747	-88.545679046	SPCB016					
1- grey truck fuel tank, oblong, 12'x6'x4' 1- rusted fuel tank, 5'x4'dia	May require characterization Grey tank appears to be leaking, SS19 collected previously, VOC reading 1ppm										1	1											N	Y	QMCP-SS19		2	47.123904027	-88.545663557	Cont099					
1- fuel tank, upright, hole at top, black tar coated insulation on one side, 10'x10'dia	SACM										1						1						Y	Y	QMCP-ASBBLK38	Friable	1	47.124059762	-88.546229685	Cont100					
Includes: Hot oil heater with two tanks, rusted, SACM insulation Orange heater with two tanks, with oil, SS40 previously collected, SACM insulation underneath, 3-fuel tanks on 12'x4'dia, 18'x64" diameter, 6'x4'dia Rectangular fuel tank, 6'x2.5'x1', 'gas' on lid Drum, 100 gallon on side Fuel tank on side, holes on top, 5'x3.5'dia Asphalt tank, 7'x4'dia Yellow trailer with 3 tanks Crushed drum, rusted, with holes, contents unknown							1	1	2		10		1				2							Y		QMCP-ASBBLK37 QMCP-SS40	Friable	15	47.123852000	-88.546364000	Cont101				
Tanker fuel Container, riveted, rusted, white paint peeling, oil leaking from valve at bottom	LBP, SS near valve										1												Y	Y	QMCP-SB/GW31		1	47.123972154	-88.546967842	Cont102					
10- 55 gallon drums 1- 10000 gallon tank 1- 6000 gallon tank	May require characterization Inside building, inaccessible					10					2												N	N			12	47.124013320	-88.547056695	Cont103					
3- 250 gallon fuel oil tanks, 1- 400 gallon tank Ovens, with SACM gasket material 1- 55 gal drum, hole at bottom, crushed 1- 500 gal fuel tank	May require characterization Gasket scam						1				5						1							N			6	47.124302000	-88.547068000	Cont104					
2- rectangular fuel tanks, cut on side, sheen on tank, diesel-like smell, 1ppm 1- Heater with tank, electrical components, cylinder, unknown device	house w/ roofing										2						1						Y	Y	QMCP-ASBBLK30 QMCP-ASBBLK31 QMCP-ASBBLK32 QMCP-ASBBLK33 QMCP-ASBBLK34	Non-Friable Non-Friable Non-Friable Non-Friable Friable	2	47.124274773	-88.546164396	Cont105					
Roofing material, deteriorated, falling from wooden structure, red, white, green black tar paper, 20'x12'x8' Potential fire doors, with black layered material inside, 3 sheets, 20'x14'																	1							N			0	47.124297098	-88.546052070	SACM034					
Total Item Count:		0	0	0	0	12	4	1	2	0	34	9	1	7	1	0	1	11	0	5	0	0	1	1		24		70							

ATTACHMENT A
Reconnaissance, Targeted Sampling, and Potential Chemical and Physical Hazards Inventory
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Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area: N

Property (Common Name): Dollar Bay Wire Mill

Property Identification Number/Owner: 009-033-055-00/Lawrence Julio

Inspection Date: 9/26/2018

General Property Description (Significant Landscape Features, Topography, Cover, Etc.): The parcel was identified as Tamarack and Osceola Copper Manufacturing Company on the 1907 Sanborn Map. It was the location of John A. Roebling's Sons Copper Manufacturing and Foley Copper Products Company Copper Wire Mill in 1928 and 1949, respectively. The EPA as part of the Torch Lake Superfund Site remedial action capped portions of Area M, N, and O. Dollar Bay Torch Lake EPA Superfund Site as-built drawings (USDA NRCS, 2004) indicate that the cap was placed as part of the Torch Lake Superfund Site Dollar Bay remedial action. The Fourth Five-Year Review Report for the Torch Lake Superfund Site (USEPA, 2018) indicated that construction was completed in 2002; however, the Dollar Bay parcel has not been deleted from the NPL. The capped areas are subject to an on-going DEQ O&M plan. The balance of the areas were not addressed as part of the Torch Lake Superfund Site remedial action. The area is currently the location of mining-era buildings; however, specific present day use is unknown. The property includes portions of the former wire mill operations. The parcel is bound by the Portage Canal to the west and south, by wooded property to the east and residential and privately owned properties to the north and north-west. Many mining-era buildings, some that appear to be used for boat storage, are present in the central portion of the property. Additional boats, heavy equipment and other vehicles are located north of the property buildings. Suspect asbestos containing materials, including roofing, thermal insulation material are observed throughout. Abandoned containers with unknown contents, fuel tanks of various sizes, including a tanker trailer along the shoreline, are also observed both inside and outside of property buildings. A large pile that appears to be building construction material is located near the shoreline. Topography is relatively flat, sloping gently to the Portage Canal and Lake. Public access to the property is restricted by a fence and gate.

Not Intact = filled with scrap, appears or is visibly empty, carcass, major holes, rusted with holes, split seams		Potentially Abandoned Containers														Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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ATTACHMENT A
Reconnaissance, Targeted Sampling, and Potential Chemical and Physical Hazards Inventory
Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area: N

Property (Common Name): Dollar Bay Wire Mill

Property Identification Number/Owner: 009-033-055-00/Lawrence Julio

Inspection Date: 9/26/2018

General Property Description (Significant Landscape Features, Topography, Cover, Etc.): The parcel was identified as Tamarack and Osceola Copper Manufacturing Company on the 1907 Sanborn Map. It was the location of John A. Roebling's Sons Copper Manufacturing and Foley Copper Products Company Copper Wire Mill in 1928 and 1949, respectively. The EPA as part of the Torch Lake Superfund Site remedial action capped portions of Area M, N, and O. Dollar Bay Torch Lake EPA Superfund Site as-built drawings (USDA NRCS, 2004) indicate that the cap was placed as part of the Torch Lake Superfund Site Dollar Bay remedial action. The Fourth Five-Year Review Report for the Torch Lake Superfund Site (USEPA, 2018) indicated that construction was completed in 2002; however, the Dollar Bay parcel has not been deleted from the NPL. The capped areas are subject to an on-going DEQ O&M plan. The balance of the areas were not addressed as part of the Torch Lake Superfund Site remedial action. The area is currently the location of mining-era buildings; however, specific present day use is unknown. The property includes portions of the former wire mill operations. The parcel is bound by the Portage Canal to the west and south, by wooded property to the east and residential and privately owned properties to the north and north-west. Many mining-era buildings, some that appear to be used for boat storage, are present in the central portion of the property. Additional boats, heavy equipment and other vehicles are located north of the property buildings. Suspect asbestos containing materials, including roofing, thermal insulation material are observed throughout. Abandoned containers with unknown contents, fuel tanks of various sizes, including a tanker trailer along the shoreline, are also observed both inside and outside of property buildings. A large pile that appears to be building construction material is located near the shoreline. Topography is relatively flat, sloping gently to the Portage Canal and Lake. Public access to the property is restricted by a fence and gate.

Not Intact = filled with scrap, appears or is visibly empty, carcass, major holes, rusted with holes, split seams		Potentially Abandoned Containers														Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon		Observation Number
		1-25 gallon container		35-40 gallon drums		55 gallon drums		>55 gallon drums	ASTs/USTs 25-200 gallons		ASTs/USTs >200 gallons		Pressurized Vessel/Compressed Cylinders	Auto/Boat Fuel Tanks																			
		Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, Carcass	Intact	Intact	Not Intact	Intact	Not Intact																					
Description	Notes:																																
2-55 gallon drums, one upright with tree, second on side, suspect white SACM filled																																	
2-50 gallon tanks, partially buried	SACM in drum					3	1										1						Y	Y	QMCP-ASBBLK57	Friable	4	47.114198489	-88.501053103	Cont109			
Area on south end of building used for boat storage, debris piles of building material																									QMCP-ASBBLK53	Friable							
Black roofing with silver paint																									QMCP-ASBBLK54	Non-Friable							
Red roofing																									QMCP-ASBBLK55	Non-Friable							
Black tar paper																									QMCP-ASBBLK56	Non-Friable							
Concrete side of building																						Y	Y							SACM036			
Fuel tank on shoreline, two open vents, 21'x9'	May require characterization										1											N	N				1	47.114358199	-88.500974000	Cont110			
4 fuel tanks welded together to form two barges, 18'x4.5'dia, sound empty																																	
											4												N	N				4	47.115267167	-88.500025972	Cont111		
Silver/gray riveted tank, 10'x3'd																																	
2-Rusted riveted tanks, 19'x4'd, 16'x4'd, 21'x6'd, 5'x2.5'd																																	
Silver fuel tank, 200 gallon																																	
Yellow fuel tank, 200 gallon																																	
Larger rusted, riveted tank, 31'x7'd																																	
2-Rusted fuel tank, 6'x4'd																																	
Black rusted fuel tank, 5'x3.5'd																																	
Black/silver fuel tank, 18'x64'd																																	
Fuel tank w white end, 9'x64"																																	
200 gall fuel tank in concrete																																	
Black fuel tank, 20.5'x8', 8000gallon																																	
Rusted fuel tank, 23'x10.5'd	May require characterization								3		13												N	N				16	47.114511000	-88.500617000	Cont112		
3- 200 gallon fuel tanks, 1 open at top																																	
1- 100 gallon tank black residue at end																																	
6- 55 gallon drums,																																	
1-200 gallon fuel tank inside building																																	
13- 55 gallon drums, 9 appear intact, unknown contents, rest open or split	Drums may require characterization					15	4		4	1													N	N				24	47.114541000	-88.500338000	Cont113		
31- 55 gallon drums, most appeared intact	Drum may require characterization					31																	N	N				31	47.114349000	-88.499013000	Cont114		
2- 55 gallon drums, one green with holes, one red bulging "hydraulic"	May require characterization					1	1																N	N				2	47.114697767	-88.498739047	Cont115		
Steam pipe with white TSI coming out of ground, also at west end of building, roofing, siding																									QMCP-ASBBLK42	Friable							
																									QMCP-ASBBLK43	Non-Friable							
																									QMCP-ASBBLK44	Non-Friable							
																									QMCP-ASBBLK45	Friable							
																									QMCP-ASBBLK46	Non-Friable							
																									QMCP-ASBBLK47	Friable							
																									QMCP-ASBBLK49	Friable	0	47.114649687	-88.498538911	SACM037			

Note: Total Item Count is included on the last page of the table.

ATTACHMENT A
Reconnaissance, Targeted Sampling, and Potential Chemical and Physical Hazards Inventory
Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area:D

Property (Common Name):Julio Marine & Salvage

Property Identification Number/Owner:006-136-002-00/Lawrence Julio

Inspection Date:9/14/2018, 9/17/2018, 9/18/2018, 9/19/2018, 9/25/2018

General Property Description (Significant Landscape Features, Topography, Cover, Etc.):
Historic mining-era operations include the Portage Lake Foundry and Machinery operating within the area until at least 1949 based on review of Sanborn Maps. Julio Marine & Salvage currently operates at the location. This property is bound to the north by the ROW for Highway M-26 and to the south by the Portage Canal. The Quincy Smelting Works is located to the west, and a relatively undeveloped property that appears to be used for boat storage is located to the east. The ROW for the Copper Heritage Trail transects the property. At least two sandstone buildings that appear to be of mining-era remain in dilapidated condition. Operations in the area include a recycling facility that entails piles of assorted debris and equipment, some sorted for recycling purposes. Semi-tractor trailers and other heavy equipment are located on the property. Suspect asbestos containing materials, including asphaltic roofing material and potential thermal insulation material, along with abandoned containers, compressed gas cylinders, piles of electrical and suspect PCB and mercury containing equipment, residual processing material, and suspect burn areas are present throughout the property. Topography is relatively flat, sloping gently to the Portage Canal. This is an unsecured area easily accessed by the public via the Copper Heritage Trail that transects the property. In addition, signage indicates that access to the facility may have been permitted for recycling drop-off.

Description		Notes:		Potentially Abandoned Containers																Pressurized Vessel/ Compressed Cylinders		Auto/Boat Fuel Tanks		Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/ Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon LatitudeRecon Longitude		Observation Number																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Reconnaissance, Targeted Sampling, and Potential Chemical and Physical Hazards Inventory
Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

General Property Description (Significant Landscape Features, Topography, Cover, Etc.):
Historic mining-era operations include the Portage Lake Foundry and Machinery operating within the area until at least 1949 based on review of Sanborn Maps. Julio Marine & Salvage currently operates at the location. This property is bound to the north by the ROW for Highway M-26 and to the south by the Portage Canal. The Quincy Smelting Works is located to the west, and a relatively undeveloped property that appears to be used for boat storage is located to the east. The ROW for the Copper Heritage Trail transects the property. At least two sandstone buildings that appear to be of mining-era remain in dilapidated condition. Operations in the area include a recycling facility that entails piles of assorted debris and equipment, some sorted for recycling purposes. Semi-tractor trailers and other heavy equipment are located on the property. Suspect asbestos containing materials, including asphaltic roofing material and potential thermal insulation material, along with abandoned containers, compressed gas cylinders, piles of electrical and suspect PCB and mercury containing equipment, residual processing material, and suspect burn areas are present throughout the property. Topography is relatively flat, sloping gently to the Portage Canal. This is an unsecured area easily accessed by the public via the Copper Heritage Trail that transects the property. In addition, signage indicates that access to the facility may have been permitted for recycling drop-off.

Area:	D
Property (Common Name):	Julio Marine & Salvage
Property Identification Number/Owner:	006-136-002-00/Lawrence Julio
Inspection Date:	9/14/2018, 9/17/2018, 9/18/2018, 9/19/2018, 9/25/2018

Description		Notes:		Potentially Abandoned Containers																								Targeted Sample ID		Asbestos Friable/Non-friable		Container Count per Obs. Area		Recon LatitudeRecon Longitude		Observation Number			
				1-25 gallon container		35-40 gallon drums		55 gallon drums		>55 gallon drums		ASTs/USTs 25-200 gallons		ASTs/USTs >200 gallons		Pressurized Vessel/Compressed Cylinders	Auto/Boat Fuel Tanks	Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/Stressed Vegetation	Physical Hazards											Field Sample Recommendation	Field Sampled 2018
				Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass	Intact	Intact	Not Intact	Intact	Not Intact	Intact																								
Description		Notes:		Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass	Intact	Intact	Not Intact	Intact	Not Intact	Pressurized Vessel/Compressed Cylinders	Auto/Boat Fuel Tanks	Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon Latitude	Recon Longitude	Observation Number					
White woven fibrous material covered in black tar-coated material, partially buried		15SF visible																		1							Y	N			0	47.126251638	-88.559874496	SACM008					
2- 250 gallon heating oil tanks, rusted, dented but intact												2															N	N			2	47.126078500	-88.559838388	Cont015					
Compressed gas cylinder, rusted with three black stripes that may indicate the tank was strapped, rounded bottom, gauge on top shows tank is full															1										1	N	N			1	47.126372374	-88.559926121	Cont016						
Rusted safe door on top of larger pile of potential SACM, white concrete in chunks		Similar to safe area located downgradient																		1							Y	N			0	47.126355780	-88.559882810	SACM009					
2- tanks: one green, rusted 500 gallon, second rusted orange 200 gallon, dented, both appear with holes												1		1													N	N			2	47.126286894	-88.559434831	Cont017					
Black tar paper roofing, multiple layers with silver specks, deteriorated, attached to siding of collapsed		Refractory brick within collapsed building Safe to the east of collapsed building																		1							Y	Y	QMCP-ASBBLK12	Non-Friable	0	47.126277543	-88.559468137	SACM010					
3- black with silver, rusted oil tanks with gauges, each approximately 150 gallons, 2- 55 gallon black, rusted drum, dented, but both appear intact, 1- heating oil tank, approximately 250 gallons located in truck sander box, rusted, appears intact		55 gallon drums may require characterization																																					
Pile of container, includes: 7-plastic auto ~18 gallon fuel tanks 50+- metal auto fuel tanks of various sizes 1- Standard oil drum 1- 55 gallon drum 1- 2"x0.5" fire extinguisher 1- 1000 gallon UST 3- 200 gallon tanks 5- rectangular industrial tanks 100gal		Substantial odor, motor oil, petroleum-like smell 55 gallon drums may require characterization																																					
Gray metal box with white fibrous material as insulation and white woven material wrapped around pile		Sample both material																																					
Large debris/waste pile that includes soil, white SACM, metal scrap and sheet metal, foam insulation, boulders, wooden boards, plastic debris, hosing, brick, charred wood, tire scrap		Characterization may be required Pile potentially traverses the property line																																					
Rusted drum, appears intact, bulging at end, "America's Finest Lubricant" script on one end		May require characterization Car battery nearby																																					
Stained stamp sand actively dripping from backhoe																																							
Light blue, rusted drum, crushed with gash along underside, appears empty																																							
Laminate patterned countertop material, attached to board, deteriorated																																							
Self piling pump attached to water pump, "oil line" script on side, unknown if empty																																							

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ATTACHMENT A
Reconnaissance, Targeted Sampling, and Potential Chemical and Physical Hazards Inventory
Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area:D

Property (Common Name):Julio Marine & Salvage

Property Identification Number/Owner:006-136-002-00/Lawrence Julio

Inspection Date:9/14/2018, 9/17/2018, 9/18/2018, 9/19/2018, 9/25/2018

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Description		Notes:		Potentially Abandoned Containers														Pressurized Vessel/ Compressed Cylinders	Auto/Boat Fuel Tanks	Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/ Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon		Observation Number
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				Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass	Intact	Intact	Not Intact	Intact	Not Intact																							
Not Intact = filled with scrap, appears or is visibly empty, carcass, major holes, rusted with holes, split seams																																					
1- yellow 5'4"7' rusted container on side, darkened stained soil		Sample stained soil										1											1		Y	N			1	47.126130815	-88.559217296	Cont023					
Black rusted crushed drum, open at top, black material, liquid inside, crack at bottom, stained soil at bottom		Sample stained soil Characterization may be required				1																1		Y	N			1	47.126128532	-88.559186730	Cont024						
2- dump truck boxes with cast iron furnace/boiler parts, sinks, tubs with undercoating, piping with suspect TSI and silver coating, white SACM on ground to east		Sample SACMs																						Y	Y	QMCP-ASBBLK11	Friable	0	47.126091688	-88.559118047	SACM013						
America outboard motor oil container, appears empty		Silver coated woven material nearby		1																				N	N			1	47.126056154	-88.559113106	Cont025						
Silver painted, rusted compressed gas cylinder, flammable sticker "propane" on top													1											N	N			1	47.126132060	-88.559089463	Cont026						
Rusted boiler part with gray mastic																								Y	Y	QMCP-ASBBLK11	Friable	0	47.126127187	-88.559072565	SACM013						
4-55 gallons drums, 3 supporting trailer, 1 on side 1-20 gallons metal container 1-5 gallon mineral oil container, all located under trailer, contents unknown		Characterization may be required		2		4																		Y	N			6	47.126146354	-88.559014380	Cont027						
White deteriorated ceiling tile, under trailer		With mineral oil tank noted in Cont027																						Y	N			0	47.126168596	-88.558998592	SACM014						
2- silver 55 gallon drum 1- 35 gallon black rusted 1-15 gallon		Characterization may be required		1		1	2																	Y	N			4	47.126329799	-88.558967184	Cont028						
7-55 drums in trailer 5-5 gallon Container 5-20 lb propane		Characterization may be required		5		7							5										5	Y	N			17	47.126266652	-88.559008442	Cont029						
Fuel tank on dump truck													1											N	N			1	47.126341746	-88.559341547	Cont030						
Boat fuel tank													1											N	N			1	47.126326472	-88.559465933	Cont031						
1- orange fuel tank, approximately 100 gallon 1-55 gal, crushed, holes material appears to be slag		Drum may require characterization					1		1															Y	N			2	47.125879606	-88.559528733	Cont032						
White fibrous material on stain steel door																								Y	N			0	47.125824173	-88.559516622	SACM015						
Includes: 1-AST 3 safes 4-55 gallon drums filled with metal scrap debris 2-25 gallon drums with metal scrap and debris, gauge in one of the drums, broken		Gauge may require characterization			2		4				1							3						Y	N			7	47.125737925	-88.559485359	Cont033						
Includes: 7- rusted crushed 55 gallon drums, most appeared filled with scrap debris 1- furnace tank, rusted upright		Black drum on side may require characterization, all others appear empty				1	6		1															Y	N			8	47.125781766	-88.559452443	Cont034						
Rusted metal cylinder with SACM like deteriorated material		May require characterization																	1		1			Y	Y	QMCP-ASBBLK10	Friable	0	47.125646330	-88.559330050	SPCB001						
1- 60 gallon fuel oil tank resting on 1- compressed gas cylinder, compressed gas cylinder is ~40 lbs		Fuel-like odor							1				1											Y	N			2	47.125592913	-88.559331361	Cont035						
Darkened stamp sand soil with petroleum-like odor																							1	Y	Y	QMCP-ASBBLK59	Friable	0	47.125629473	-88.559181278	Soil003						

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ATTACHMENT A
Reconnaissance, Targeted Sampling, and Potential Chemical and Physical Hazards Inventory
Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

General Property Description (Significant Landscape Features, Topography, Cover, Etc.) :

Historic mining-era operations include the Portage Lake Foundry and Machinery operating within the area until at least 1949 based on review of Sanborn Maps. Julio Marine & Salvage currently operates at the location. This property is bound to the north by the ROW for Highway M-26 and to the south by the Portage Canal. The Quincy Smelting Works is located to the west, and a relatively undeveloped property that appears to be used for boat storage is located to the east. The ROW for the Copper Heritage Trail transects the property. At least two sandstone buildings that appear to be of mining-era remain in dilapidated condition. Operations in the area include a recycling facility that entails piles of assorted debris and equipment, some sorted for recycling purposes. Semi-tractor trailers and other heavy equipment are located on the property. Suspect asbestos containing materials, including asphaltic roofing material and potential thermal insulation material, along with abandoned containers, compressed gas cylinders, piles of electrical and suspect PCB and mercury containing equipment, residual processing material, and suspect burn areas are present throughout the property. Topography is relatively flat, sloping gently to the Portage Canal. This is an unsecured area easily accessed by the public via the Copper Heritage Trail that transects the property. In addition, signage indicates that access to the facility may have been permitted for recycling drop-off.

Area:	D
Property (Common Name):	Julio Marine & Salvage
Property Identification Number/Owner:	006-136-002-00/Lawrence Julio
Inspection Date:	9/14/2018, 9/17/2018, 9/18/2018, 9/19/2018, 9/25/2018

Not Intact = filled with scrap, appears or is visibly empty, carcass, major holes, rusted with holes, split seams		Potentially Abandoned Containers														Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon Latitude	Recon Longitude	Observation Number
		1-25 gallon container		35-40 gallon drums		55 gallon drums		>55 gallon drums	ASTs/USTs 25-200 gallons		ASTs/USTs >200 gallons		Pressurized Vessel/Compressed Cylinders	Auto/Boat Fuel Tanks																			
		Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass	Intact	Intact	Not Intact	Intact	Not Intact																					
Description	Notes:																																
85+ crushed, rushed drums scattered in piles, most appear compromised, unknown contents, if any, area littered with SACM debris and other scrap, 1- safe																																	
1- hydraulic machine with "high-low" gauge	May require characterization						85																			85	47.125763068	-88.559147364	Cont036				
Area with copper colored metal debris, mixed with crushed drums, other metal scrap debris	May require characterization																																
1- compressed gas cylinder																																	
12- drum carcasses, either empty or filled with scrap metal																																	
6- drums, 1- standard oil drum, bulging, others unknown contents																																	
3- compressed gas cylinder: 2-80 lbs, 1-150lb																																	
1- hydraulic oil equipment																																	
5- SACM covered boiler tanks																																	
3- rectangular fuel oil tank																																	
2- AST	Drums may require characterization, SACM on ground throughout and in drum					6	12			3		2		3																			
Rusted, crushed drum with black dried tar-like material	Material includes approximately 2/3 full					1																											
Radiomarine equipment with glass switches, tubes	Potentially Hg/PCB Containing																																
Gray, rusted "General Electric Transformer" Serial: PJ																																	
Instrument: K-8161155NT																																	
General Electric transformer																																	
1- hydraulic equipment with gauge	Does not appear mining era																																
White painted compressed cylinder, pressure gauge reads 40psi																																	
1000 gallon tank, rusted, black solid material on side	May require characterization																																
3-55 gallon drums; appear intact, "Property of Standard Oil"	May require characterization					3																											
Diesel fuel generator	May require characterization																																
2000 gallon tank in woods, inaccessible	May require characterization																																
Drum, rusted, appears intact	May require characterization					1																											
1000 gallon fuel tank, dented "Bowser", open valves	May require characterization																																
Drum on side, rusted, appears intact	May require characterization					1																											
Pile of insulators, various types, broken	May require further investigation																																
White rusted compressed gas cylinder	Gauge reads empty																																
3- 6"x 3" diameter tanks, rusted sitting on sand with tube connected at bottom	Contents unknown																																
Includes: 1- Black rusted 55 gallon drum, empty used for storage 1- Red rusted 1000 gallon fuel tank, 4'x3'diameter 1- Black rusted 1000 gallon fuel tank 4'x32"diameter 1- Black cubic fuel tank 40x28x30"							1			1		2																					

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ATTACHMENT A
Reconnaissance, Targeted Sampling, and Potential Chemical and Physical Hazards Inventory
Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area:D

Property (Common Name):Julio Marine & Salvage

Property Identification Number/Owner:006-136-002-00/Lawrence Julio

Inspection Date:9/14/2018, 9/17/2018, 9/18/2018, 9/19/2018, 9/25/2018

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Description		Notes:		Potentially Abandoned Containers												Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/ Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon Latitude	Recon Longitude	Observation Number	
				1-25 gallon container		35-40 gallon drums		55 gallon drums		>55 gallon drums	ASTs/USTs 25-200 gallons		ASTs/USTs >200 gallons		Pressurized Vessel/ Compressed Cylinders																			Auto/Boat Fuel Tanks
				Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass	Intact	Intact	Not Intact	Intact	Not Intact																				
3- 55 Gallon drums, 2 used for storage of rollers with black tar-like material on some, 1-55 gallon white drum crushed with potential rain water grease trap White linoleum hanging on Pipe rack		May require characterization SACM						1	3								1						Y	N			4	47.124413000	-88.559387000	Cont052				
Metal wheel, unknown contents, surrounded by stamp sand, ground started to sink when standing on stamp sand		May require characterization														1						1	Y	N			0	47.124698768	-88.559215593	Cont053				
Crushed tank, partially buried in brick pile with black tar paper roofing		SACM, ~10SF visible											1				1					1	Y	N			1	47.124627749	-88.559142732	Cont054				
Motor Control panel, "oil pressure" gauge, includes gray box		May require characterization																1					Y	N			0	47.124636404	-88.558965522	SPCB004				
1- 5 gal fuel tank, appears partially full, 1- 100 gallon rusted diesel fuel tank, unknown contents, appears intact Red fire extinguisher 1- white compressed gas cylinder, 7"x18" diameter, "LP gas above ground only"				1						1			1									1	N	N			3	47.124702000	-88.558909000	Cont055				
1- 10 gallon fuel tank, appears intact and open, 1- 25 gallon fuel tank, black appears intact		Contents unknown		2																			N	N			2	47.124752308	-88.558930758	Cont056				
Includes: Green/yellow caterpillar generator 2- 55 gal drum used for storage 1- rusted, gashed, 55 gal drum, unknown Contents White TSI SACM material on ground throughout area 26- approx. 200 gal AST 1- 24x5' diameter AST 2- 19x5'dia AST, hardened soil, LBP 1- burnt tank 1- red boat fuel tank		Area marked Contents unknown May require characterization- soil, SACM sampling Scrap metal near by burnt tank																																
Includes: 1- 55 gal drum with pour spout, 1- plastic 5 gal 2- 35 gal drums, 1 bulging 3- boat fuel tanks, red 6- gal kerosene		May require characterization- drum Contents unknown		7		2		1							3								Y	N			13	47.124770397	-88.558628345	Cont058				
Portable incinerator "Plibrico" with TSI material visible, deteriorated Furnace 6'x6.5'x5.5'		SACM															1						Y	Y	QMCP-ASBBLK07	Friable	0	47.124661444	-88.558705979	SACM015				
Burn pile, white, gray fibrous material, deteriorated		SACM															1						Y	N			0	47.124936598	-88.558579236	SACM016				
E-waste bins with electric components, suspect capacitors with electric waste		May require characterization																	1				Y	N			0	47.125029383	-88.558648102	SPCB005				

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Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area:D

Property (Common Name):Julio Marine & Salvage

Property Identification Number/Owner:006-136-002-00/Lawrence Julio

Inspection Date:9/14/2018, 9/17/2018, 9/18/2018, 9/19/2018, 9/25/2018

General Property Description (Significant Landscape Features, Topography, Cover, Etc.):
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Description	Notes:	Potentially Abandoned Containers												Pressurized Vessel/ Compressed Cylinders	Auto/Boat Fuel Tanks	Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/ Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon Latitude	Recon Longitude	Observation Number
		1-25 gallon container		35-40 gallon drums		55 gallon drums		>55 gallon drums	ASTs/USTs 25-200 gallons		ASTs/USTs >200 gallons																						
		Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass	Intact	Intact	Not Intact	Intact	Not Intact																					
Not Intact = filled with scrap, appears or is visibly empty, carcass, major holes, rusted with holes, split seams																																	
White TSI material on ground near shoreline	SACM																							Y	N			0	47.125174508	-88.558421679	SACM017		
Black fuel staining near over turned equipment, substantial fuel/dead odor	May require characterization																						1		Y	N			0	47.125046481	-88.558755855	Soil004	
1- Black, rusted fuel tank, 12x5'dia	Contents unknown											1												N	N			1	47.125061118	-88.558837697	Cont059		
5- gray, rusted cylinder with keyed shaft, appears black around edges, closed Container, 20"x12" dia	May require characterization	5																						Y	N			5	47.125205113	-88.559122577	Cont060		
3- ASTs 1- 55 gallon drum carcass, empty 2- 48"x42" dia 1-6'x4' dia	Unknown Contents						1		2		4													N	N			7	47.124940957	-88.559079401	Cont061		
White fibrous TSI on ground, deteriorated	SACM																							Y	Y	QMCP-ASBBLK08	Friable	0	47.124929705	-88.559037802	SACM018		
Includes: 15- 55 gallon drums, "oil corporation," "waste oil, "supreme engine oil" appear intact Possible transformer core, w/ SACM coating 7- 55 gal drums, used for storage with 1-empty 7- drum carcasses, unknown Contents Propane tank, 2 fire extinguisher SACM on equipment 6- ASTs, appear intact, contents unknown Additional cut ASTs	Darkened stained leaf litter in container Wrapped tubing in building					15	14				6		1			2		1		1			1	Y	N			36	47.125544000	-88.558802000	Cont062		
Potential petroleum shed, locked, inaccessible, no visible staining 3- CO ₂ tanks (dates: 9-85, 11-88, 2' tall) 1- fire extinguisher	Further investigation inside												3			1							3	N	N			3	47.125674612	-88.558470683	Cont063		
Black tar roofing with silver paint, potential burn area	SACM, ~ 25SF scattered in vicinity																	1						Y	Y	QMCP-ASBBLK04 QMCP-ASBBLK05	Friable Friable	0	47.125573344	-88.558479218	SACM019		
1- fuel tank, "danger gasoline no smoking,"16'x4' dia	Contents unknown										1													N	N			1	47.125527409	-88.558479381	Cont064		
3- Roller drum, red w/ roll top, "Atlas powder Wilmington Delaware"	Contents unknown							3																N	N			3	47.125458912	-88.558524831	Cont065		
5- 55 gallon drums, appear intact, inaccessible in building Oil drain/receptacle Bathtub full of white/metallic material 8- 5 gal plastic buckets with white cake-like material and on ground White SACM TSI material on ground, 30SF 1- propane cylinder	May require characterization, drum Contents unknown, SACM	8				5			1				1					1						Y	N			15	47.125491437	-88.558604342	WP003		
2- 55 gal drums, 1- white appears intact, contents unknown, 1- open, contains black crystalline material	May require characterization					2																		Y	N			2	47.125450744	-88.558375639	Cont066		

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Area:D

Property (Common Name):Julio Marine & Salvage

Property Identification Number/Owner:006-136-002-00/Lawrence Julio

Inspection Date:9/14/2018, 9/17/2018, 9/18/2018, 9/19/2018, 9/25/2018

Description	Notes:	Potentially Abandoned Containers												Pressurized Vessel/ Compressed Cylinders	Auto/Boat Fuel Tanks	Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/ Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon Latitude	Recon Longitude	Observation Number
		1-25 gallon container		35-40 gallon drums		55 gallon drums		>55 gallon drums	ASTs/USTs 25-200 gallons		ASTs/USTs >200 gallons																						
		Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass	Intact	Intact	Not Intact	Intact	Not Intact																					
45- 55 gal drums on side, stacked, appear to be intact, 1- w/ bulged bottom 2- 55 gal drums open and used for storage of insulators 1- compressed gas cylinder partially under trailer, 5ft long	May require characterization					45	2						1											1	Y	Y	QMCP-SS45		48	47.125519000	-88.558843000	Cont067	
36- 55 gallon drums, unknown contents, 7 not intact, others appear intact, 11- open top 55 gallon drums used for storage 1- fuel oil tank with open bottom, gauge Galbestos sheet with fibrous black layer	Drum Contents unknown SACM 20'x2.5'					29	18		1							1									Y	N			48	47.125124000	-88.558802000	Cont068	
7- transformer casings, appear rusted, potentially burnt, filled with insulators and debris, 3.2'x2'dia																	7							Y	Y	QMCP-SS44		0	47.125813046	-88.558267907	SPCB006		
1- 55 gal drum, intact, bent, 1- 55 drum intact 3- 55 Standard oil drums, appear intact Gray cubic equipment with rope gasket, greasy paper 21- compressed cylinders, some appear to be propane, "acetylene flammable" on one Hydraulic oil tank Truck fuel tank 2- 55 gal drum used for storage 3- fire extinguishers Black cylinder, unknown contents Silver chemical container near brick building	Contents unknown SACM on ground					5	2		1				22	1		3	1	1		1				22	Y	Y	QMCP-RPM01 QMCP-SS42 QMCP-ASBBLK06	Friable	31	47.125658000	-88.558922000	Cont069	
Pile of nickel iron batteries, approximately 80														80						1					N	N			0	47.125783000	-88.558230000	WP004	
Includes: Yellow tank equipment, unknown contents Electrical equipment with SACM wire wrap Boat fuel container and battery 3- empty drum carcasses 11- open top drums with liquid contents, one appears w/ sheen 2- gray fuel tanks with gauge	May require characterization					11	3		1					1	1										Y	N			16	47.125870000	-88.558300000	Cont070	
Corrugated Plastic 2'	Drum																				1				N	N			0	47.125876435	-88.557648653	Outfall008	
2 piles of white material, deteriorated, corrugated cardboard, sheeting	SACM																	1							Y	Y	QMCP-SS41		0	47.125996258	-88.557735100	SACM020	
8- 55 gallon drums, 3-appear intact, others carcasses 3-ASTs White SACM TSI on ground in various places	Drums may require characterization SACM, 1 SF friable deteriorated					3	5				3							1							Y	Y	QMCP-ASBBLK01 QMCP-ASBBLK02 QMCP-ASBBLK03	Friable Friable Friable	11	47.126063996	-88.558507861	Cont071	

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Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area:D

Property (Common Name):Julio Marine & Salvage

Property Identification Number/Owner:006-136-002-00/Lawrence Julio

Inspection Date:9/14/2018, 9/17/2018, 9/18/2018, 9/19/2018, 9/25/2018

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Not Intact = filled with scrap, appears or is visibly empty, carcass, major holes, rusted with holes, split seams		Potentially Abandoned Containers												Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/ Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon LatitudeRecon Longitude		Observation Number	
		1-25 gallon container		35-40 gallon drums		55 gallon drums		>55 gallon drums	ASTs/USTs 25-200 gallons		ASTs/USTs >200 gallons		Pressurized Vessel/ Compressed Cylinders																			Auto/Boat Fuel Tanks
		Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass	Intact	Intact	Not Intact	Intact	Not Intact																				
Description	Notes:																															
Includes: 10- vapor lamp ballasts gray scattered throughout area/pile 4- black cylinders, potentially oil containing 2- potential transformers 2- gray metal potential transformer 1- dry type transformer w/ blacker material 2- potential Hg lights, old broken	Soil sample White material in stainless steel box, deteriorated																															
Includes: Acetylene compressed gas tank White SACM on ground next to tank 1-open drum with black/brown material on inside walls 1-open black drum with copper colored liquid 4- open topped drums, storage 1- rusted drum, with rust holes on top Soil staining on ground Jute-like greasy wiring White TSI 2-Heating oil tank, intact, various sizes Riveted tank, appears intact Larger riveted tank, crushed, mothball smell nearby 3- crushed drums 2-drum, appears intact, 1 white,1 1- riveted tank, intact 3- fire extinguishers																																
Pile of natural gas pressure regulators, potentially Hg containing pots	Monitored area with Lumex																															
White TSI material on ground next to older stove, deteriorated	SACM																															
9- Coleman propane fuel tanks, release not punched 1- Red AST on side, appears intact 1- Black AST, intact with 1 hole 1- white drum appears intact, along trail 3- crushed drums in junk pile 1- gray old style drum on side, SOC 2- drum intact drum on side	Area Drums may require characterization																															
1- 55 gal drum, appears full 1- 40 gal drum, appears full 1- 5 gal pail 1- pressurized gas cylinder		1		1		1																										
Duct work covered in white fibrous material, deteriorated																																

Note: Total Item Count is included on the last page of the table.

ATTACHMENT A
Reconnaissance, Targeted Sampling, and Potential Chemical and Physical Hazards Inventory
Quincy Mining Company Portage Operations Area
Abandoned Mining Wastes - Torch Lake Non-Superfund Site

Area:D

Property (Common Name):Julio Marine & Salvage

Property Identification Number/Owner:006-136-002-00/Lawrence Julio

Inspection Date:9/14/2018, 9/17/2018, 9/18/2018, 9/19/2018, 9/25/2018

General Property Description (Significant Landscape Features, Topography, Cover, Etc.):
Historic mining-era operations include the Portage Lake Foundry and Machinery operating within the area until at least 1949 based on review of Sanborn Maps. Julio Marine & Salvage currently operates at the location. This property is bound to the north by the ROW for Highway M-26 and to the south by the Portage Canal. The Quincy Smelting Works is located to the west, and a relatively undeveloped property that appears to be used for boat storage is located to the east. The ROW for the Copper Heritage Trail transects the property. At least two sandstone buildings that appear to be of mining-era remain in dilapidated condition. Operations in the area include a recycling facility that entails piles of assorted debris and equipment, some sorted for recycling purposes. Semi-tractor trailers and other heavy equipment are located on the property. Suspect asbestos containing materials, including asphaltic roofing material and potential thermal insulation material, along with abandoned containers, compressed gas cylinders, piles of electrical and suspect PCB and mercury containing equipment, residual processing material, and suspect burn areas are present throughout the property. Topography is relatively flat, sloping gently to the Portage Canal. This is an unsecured area easily accessed by the public via the Copper Heritage Trail that transects the property. In addition, signage indicates that access to the facility may have been permitted for recycling drop-off.

Not Intact = filled with scrap, appears or is visibly empty, carcass, major holes, rusted with holes, split seams		Potentially Abandoned Containers												Auto/Boat Fuel Tanks	Batteries	Fire Extinguishers	Other Items	Suspect Asbestos Containing Material	Residual Process Material	Potential PCB/Mercury Containing Equipment	Waste Pile	Outfalls	Soil Staining/ Stressed Vegetation	Physical Hazards	Field Sample Recommendation	Field Sampled 2018	Targeted Sample ID	Asbestos Friable/Non-friable	Container Count per Obs. Area	Recon LatitudeRecon Longitude		Observation Number
		1-25 gallon container		35-40 gallon drums		55 gallon drums		>55 gallon drums	ASTs/USTs 25-200 gallons		ASTs/USTs >200 gallons		Pressurized Vessel/ Compressed Cylinders																			
		Intact	Not Intact	Intact	Not Intact	Intact	Not Intact, carcass	Intact	Intact	Not Intact	Intact	Not Intact																				
Description	Notes:																															
1- Rusted, bulged drum, appears intact 14- open topped drums carcasses, appear to be used for storage or empty, leaf litter 34- drums, appears intact 1- white painted 'Dow' drum, soil inside 1-AST 24'x9' diameter, empty Pile of crushed auto fuel tanks Gray insulator, appears oily at top 2- fire extinguisher 1- 35 gal drum carcass 1- AST on top of trailer White TSI material on ground, potentially carpet Transite board 1- Grey rusted compressed gas cylinder White material on silver 'inlet end'																																
Black box connected to wheel, motor, suspect transformer																																
Transformer, light ballast on conveyor belt, sitting on leaf litter, potentially stained																																
Gray transformer, appears oily at top, partially buried with debris																																
Pressure vessel with valves, green, holes on either end, 10'x6'dia																																
Total Item Count:		37	2	3	2	201	190	3	28	1	65	8	57	71	83	14	9	45	1	42	4	1	7	58			34		668			