



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: AOLS MR Parcel
Date: 04.10.23
Sampling Method: hand collect

Weather: 40S, sun
Tide Source: RNC tide station
Crew: SR TD

GRAB DATA	Location ID: <u>FT1042</u>					
	On armored slope (Y/N)? <u>N</u>			Depth of overlying sediment, if known (cm): <u>NA</u>		
Latitude/Northing (Y): <u>HC</u>				Longitude/Easting (X): <u>HC</u>		
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1652</u>	<u>Ø</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>NA</u>	<u>reddish layer ~ 15cm down.</u>
						<u>primarily rock/gravel in top 15cm.</u>
SAMPLE DATA						
Sample ID: <u>LDW23-IT1042</u>						
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments:		
cobble	<u>brown surface</u>	<u>none</u>	H ₂ S	<u>tr- pockets of sheen.</u>		
<u>gravel</u>	drab olive	slight	petroleum			
sand (F/M/C)	brown	moderate	other:			
<u>silt</u>	<u>gray</u>	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: APCS MR Phase 1
 Date: 04.10.23
 Sampling Method: hand collect

Weather: 40s, rain
 Tide Source: RTK tide station
 Crew: SR TD

GRAB DATA		Location ID: <u>IT1043</u>				
		On armored slope (Y/N)? <u>N</u>	Depth of overlying sediment, if known (cm): <u>NA</u>			
Latitude/Northing (Y): <u>HC</u>					Longitude/Easting (X): <u>HC</u>	
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1703</u>	<u>Ø</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>NA</u>	<u>1 layer compacted grey silt ~10-20 cm.</u>
						<u>pockets of oxidized.</u>
						<u>glass/metal frag at surface.</u>
SAMPLE DATA		Sample ID: <u>LDW23-IT1043</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments:		
cobble	brown surface	<u>none</u>	H ₂ S			
<u>gravel</u>	<u>drab olive</u>	<u>slight</u>	petroleum			
<u>sand (F, M, C)</u>	<u>brown</u>	moderate	other:			
silt	gray	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: ADCS MR Phase I
Date: 04.10.23
Sampling Method: hand collect

Weather: 40s, rain
Tide Source: RTK tide station
Crew: SR ID

GRAB DATA	Location ID: <u>IT1049</u>					
	On armored slope (Y/N)? <u>N</u>			Depth of overlying sediment, if known (cm): <u>N/A</u>		
Latitude/Northing (Y): <u>HC</u>				Longitude/Easting (X): <u>HC</u>		
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1635</u>	<u>0</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>VA</u>	<u>~10 cm down, pieces of metal - orange/black striation below (20-30 cm)</u>
SAMPLE DATA						
Sample ID: <u>LDW23-IT1049</u>						
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments:		
<u>cobble</u>	<u>brown surface</u>	<u>none</u>	<u>H₂S</u>			
<u>gravel</u>	<u>drab olive</u>	<u>slight</u>	<u>petroleum</u>			
<u>sand (F/M/C)</u>	<u>brown</u>	<u>moderate</u>	<u>other:</u>			
<u>silt</u>	<u>gray</u>	<u>strong</u>				
<u>clay</u>	<u>black</u>					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: ADCS MR Phex 1
Date: 04.11.23
Sampling Method: hand collected

Weather: 40s, sun
Tide Source: RTK tide station
Crew: SR, TD

GRAB DATA		Location ID: <u>IT 1050</u>				
		On armored slope (Y/N)? <u>N</u>	Depth of overlying sediment, if known (cm): <u>N/A</u>			
Latitude/Northing (Y): <u>HC</u>				Longitude/Easting (X): <u>HC</u>		
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1545</u>	<u>0</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>NA</u>	<u>Sample collected amid debris / rip rap in pocket / area of exposed sediment</u>
SAMPLE DATA		Sample ID: <u>LDW 23 - IT 1050</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type		Sediment color	Sediment odor		Comments: <u>RPD not visible</u>	
cobble	brown surface	<u>none</u>	H ₂ S			
<u>gravel</u>	drab olive	slight	petroleum			
sand (F/M/C)	brown	moderate	other:			
<u>silt</u>	<u>gray</u>	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: AOC5 NR Phase 1
Date: 04.11.23
Sampling Method: hand collected

Weather: _____
Tide Source: RTK tide station
Crew: SR, TD

GRAB DATA	Location ID: <u>IT1055</u>					
	On armored slope (Y/N)? <u>N</u>			Depth of overlying sediment, if known (cm): <u>NA</u>		
Latitude/Northing (Y): <u>HC</u>				Longitude/Easting (X): <u>HC</u>		
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1532</u>	<u>8</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>NA</u>	<u>Gravel/cobble at surface, bricks.</u>
SAMPLE DATA						
Sample ID: <u>WDW 23-IT1055</u>						
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments:		
cobble	brown surface	<u>none</u>	H ₂ S	<u>bricks & metal in hole</u>		
<u>gravel</u>	drab olive	slight	petroleum			
sand (F M C)	<u>brown</u>	moderate	other:			
silt	gray	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: ADC5 NR Phase I
Date: 04.11.23
Sampling Method: hand collected

Weather: 40s, sun
Tide Source: RTK tide station
Crew: SR, TD

GRAB DATA	Location ID: <u>IT 1067</u>					
	On armored slope (Y/N)? <u>N</u>			Depth of overlying sediment, if known (cm): <u>NA</u>		
Latitude/Northing (Y): <u>4 C</u>				Longitude/Easting (X): <u>HC</u>		
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1440</u>	<u>0</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>NA</u>	<u>Sample collected behind low wall behind marina. Lots of debris (e.g., bottles, plywood) in this area.</u>
SAMPLE DATA						
Sample ID: <u>LDW23-IT 1067</u>						
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments:		
<u>cobble</u>	<u>brown surface</u>	<u>none</u>	<u>H₂S</u>	<u>wood fragments</u>		
<u>gravel</u>	<u>drab olive</u>	<u>slight</u>	<u>petroleum</u>			
<u>sand (F M C)</u>	<u>brown</u>	<u>moderate</u>	<u>other:</u>			
<u>silt</u>	<u>gray</u>	<u>strong</u>				
<u>clay</u>	<u>black</u>					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: ADCS MR Phase I
Date: 04.11.23
Sampling Method: hand collected

Weather: 40s, pty cloudy
Tide Source: RTK tide station
Crew: SRTD

GRAB DATA	Location ID: <u>IT1071</u>					
	On armored slope (Y/N)? <u>N</u>			Depth of overlying sediment, if known (cm): <u>NA</u>		
Latitude/Northing (Y): <u>HC</u>				Longitude/Easting (X): <u>HC</u>		
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1402</u>	<u>0</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>NA</u>	<u>~1.0 ft MLLW</u> <u>1 ft above waterline</u> <u>coord. under bridge.</u> <u>(low accuracy)</u>
						<u>Lots of composite/cobble</u> <u>pieces in this area - not</u> <u>continuously armored.</u>
SAMPLE DATA Sample ID: <u>LDW23-IT1071</u>						
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments: <u>glass</u>		
cobble	brown surface	<u>none</u>	H ₂ S			
<u>gravel</u>	drab olive	slight	petroleum			
sand (F/M/C)	<u>brown</u>	moderate	other:			
<u>silt</u>	gray	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: AOCs NR Phase I
Date: 04.10.23
Sampling Method: hand collect

Weather: 40s, showers
Tide Source: R72 tide station
Crew: TD SR

GRAB DATA	Location ID: <u>FT1086</u>					
	On armored slope (Y/N)? <u>N</u>			Depth of overlying sediment, if known (cm): <u>N/A</u>		
Latitude/Northing (Y): <u>HC</u>				Longitude/Easting (X): <u>HC</u>		
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1507</u>	<u>Ø</u>	<u>45.0</u>	<u>X</u>	<u>NA</u>	<u>NA</u>	<u>Sample collected along "creek," approx 1ft above waterline.</u>
SAMPLE DATA						
Sample ID: <u>LDW23- FT1086</u>						
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments: <u>RPD not visible, if rusty colored pockets isolated pockets of shear.</u>		
cobble	brown surface	<u>none</u>	H ₂ S			
gravel	drab olive	slight	petroleum			
sand (F/M/C)	brown	moderate	other:			
<u>silt</u>	<u>gray</u>	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: ADCS NR Phase 1
Date: 04.10.23
Sampling Method: hand collect

Weather: 40s, showers
Tide Source: RTK tide station
Crew: SR TD

GRAB DATA		Location ID: <u>IT1087</u>		Depth of overlying sediment, if known (cm): <u>N/A</u>		
		On armored slope (Y/N)? <u>N</u>				
Latitude/Northing (Y): <u>HC</u>				Longitude/Easting (X): <u>HC</u>		
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1525</u>	<u>0</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>NA</u>	<u>Target coordinates appeared to be up on barrier/bridge. Collected sample to south of "creek."</u>
SAMPLE DATA		Sample ID: <u>LDW23-IT 1087</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments: <u>rusty pockets throughout.</u>		
cobble	brown surface	<u>none</u>	H ₂ S			
<u>gravel</u>	drab olive	slight	petroleum			
sand (F M C)	<u>brown</u>	moderate	other:			
silt	gray	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: AOC5 NR Phase 1
Date: 05.08.23
Sampling Method: hand collect

Weather: 60s sunny
Tide Source: RTK tide station
Crew: TD, SR, ES

GRAB DATA		Location ID: <u>IT1121</u>		Depth of overlying sediment, if known (cm): <u>N/A</u>		
		On armored slope (Y/N)? <u>(Y)</u>				
Latitude/Northing (Y): <u>200461.60</u>		Longitude/Easting (X): <u>1270208.15</u>				
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1431</u>	<u>0</u>	<u>45.0</u>	<u>Y</u>	<u>-1.54</u>	<u>-1.5</u>	<u>at waterline</u>
SAMPLE DATA		Sample ID: <u>LDW23-IT1121</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments: <u>RPD not visible</u> <u>shell hash + tr-org material</u>		
cobble	<u>brown surface</u>	none	<u>H₂S</u>			
<u>gravel</u>	drab olive	<u>slight</u>	petroleum			
sand (F M C)	brown	moderate	other:			
<u>silt cl</u>	<u>gray</u>	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: ADCS MR Phase I
Date: 05.08.23
Sampling Method: hand collect

Weather: 60s sunny
Tide Source: RTK tide station
Crew: TD, SR, ES

GRAB DATA		Location ID: <u>IT1146</u>		Depth of overlying sediment, if known (cm): <u>NA</u>		
		On armored slope (Y/N)? <u>(N)</u>		Longitude/Easting (X): <u>127.0904.44</u>		
Latitude/Northing (Y): <u>200402.02</u>						
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1422</u>	<u>0</u>	<u>45.0</u>	<u>Y</u>	<u>-1.86</u>	<u>-1.9</u>	<u>at waterline</u>
SAMPLE DATA		Sample ID: <u>LDW23-IT1146</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments: <u>RPD not visible</u>		
cobble	brown surface	<u>none</u>	H ₂ S			
<u>gravel up to 1"</u>	drab olive	slight	petroleum			
sand <u>(F M C)</u>	<u>brown</u>	moderate	other:			
silt	gray	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: ADCS MR Phase I
Date: 04.10.23
Sampling Method: hand collect

Weather: 40s, gray
Tide Source: RTK tide station
Crew: SR TD

GRAB DATA	Location ID: <u>IT1147</u>					
	On armored slope (Y/N)? <u>N</u>	Depth of overlying sediment, if known (cm): <u>N/A</u>				
Latitude/Northing (Y): <u>HC</u>		Longitude/Easting (X): <u>HC</u>				
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1402</u>	<u>Ø</u>	<u>45.0</u>	<u>X</u>	<u>NA</u>	<u>NA</u>	<u>lots of glass at surface.</u>
SAMPLE DATA		Sample ID: <u>LDW23-IT1147</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments: <u>glass fragments</u>		
cobble	brown surface	<u>none</u>	H ₂ S			
<u>gravel</u>	drab olive	slight	petroleum			
sand (F/M/C)	<u>brown</u>	moderate	other:			
<u>silt</u>	gray	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: AOC5 MR Phase 1
 Date: 05.08.23
 Sampling Method: hand collect

Weather: 50s, sunny
 Tide Source: RTK tide station
 Crew: TD, SR, ES

GRAB DATA		Location ID: <u>IT1167</u>				
		On armored slope (Y/N)? <u>N</u>	Depth of overlying sediment, if known (cm): <u>NA</u>			
Latitude/Northing (Y): <u>199467.38</u> <u>hand collect</u>		Longitude/Easting (X): <u>127444.49</u> <u>hand collect</u>				
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1205</u>	<u>NA</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>NA</u>	
SAMPLE DATA		Sample ID: <u>LDW23-IT1167</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments: <u>RPD not visible.</u> <u>roots, fr. org. material.</u>		
cobble	brown surface	<u>none</u>	H ₂ S			
gravel	drab olive	slight	petroleum			
sand (F M C)	<u>brown</u>	moderate	other:			
<u>silt</u>	gray	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: AOC5 ME Phase 1
 Date: 04.10.23
 Sampling Method: hand collect.

Weather: 40S, rain
 Tide Source: RTK tide station
 Crew: SR, ITD.

GRAB DATA		Location ID: <u>IT1223</u>		Depth of overlying sediment, if known (cm): <u>N/A</u>		
		On armored slope (Y/N)? <u>N</u>		Latitude/Northing (Y): <u>HC</u>		
				Longitude/Easting (X): <u>HC</u>		
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1245</u>	<u>0</u>	<u>45.0</u>	<u>Y</u>	<u>N/A</u>	<u>N/A</u>	<u>podlets of reddish rusty sediment throughout.</u>
						<u>no visible lagging.</u>
SAMPLE DATA		Sample ID: <u>LDW23-IT1223</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments: <u>concrete & brick frag. in wood debris.</u>		
cobble	brown surface	<u>none</u>	H ₂ S			
<u>gravel</u>	drab olive	slight	petroleum			
sand <u>(F M C)</u>	<u>brown</u>	moderate	other:			
<u>silt</u>	<u>gray</u>	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: MOCS NR Phase 1
Date: 04.10.25
Sampling Method: hand collect

Weather: 40% rain
Tide Source: PTK side station
Crew: SR TD

GRAB DATA	Location ID: <u>IT 1231</u>					
	On armored slope (Y/N)? <u>Y</u>	Depth of overlying sediment, if known (cm): <u>N/A</u>				
Latitude/Northing (Y): <u>HC</u>		Longitude/Easting (X): <u>HC</u>				
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1337</u>	<u>Ø</u>	<u>45.0</u>	<u>Y</u>	<u>N/A</u>	<u>N/A</u>	<u>Some bricks / gravel / cobble at surface (less than at 1233)</u>
SAMPLE DATA		Sample ID: <u>LDW 23 IT 1231</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments:		
cobble	brown surface	<u>none</u>	H ₂ S			
<u>gravel</u>	drab olive	slight	petroleum			
sand (F/M/C)	<u>brown</u>	moderate	other:			
silt	gray	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: AOC5 NR Phase 1
Date: 04.10.23
Sampling Method: hand collect

Weather: 40s rain
Tide Source: RTK tide station
Crew: SR, JD

GRAB DATA		Location ID: <u>IT 1233</u>				
		On armored slope (Y/N)? <u>N</u>	Depth of overlying sediment, if known (cm): <u>N/A</u>			
Latitude/Northing (Y): <u>HC</u>					Longitude/Easting (X): <u>HC</u>	
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1317</u>	<u>0</u>	<u>45.0</u>	<u>Y</u>	<u>N/A</u>	<u>N/A</u>	<u>uniform layering - clay layer ~ 30cm & reddish brown.</u>
						<u>Lots of bricks at surface in this area.</u>
SAMPLE DATA		Sample ID: <u>LDW23-IT1233</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments: <u>brick fragments</u>		
cobble	brown surface	<u>none</u>	H ₂ S			
<u>gravel</u>	drab olive	slight	petroleum			
sand <u>FN</u>	<u>brown</u>	moderate	other:			
<u>silt</u>	gray	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: ADCS UR Phase 1
Date: 04.11.23
Sampling Method: hand collected

Weather: 40s, sun
Tide Source: RTK tide station
Crew: SR TD

GRAB DATA	Location ID: <u>IT1806</u>					
	On armored slope (Y/N)? <u>N</u>	Depth of overlying sediment, if known (cm): <u>N/A</u>				
Latitude/Northing (Y): <u>HC</u>		Longitude/Easting (X): <u>HC</u>				
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1625</u>	<u>0</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>NA</u>	<u>Under-structure sample (Samson)</u>
SAMPLE DATA		Sample ID: <u>LDW23-IT1806</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments:		
cobble	brown surface	<u>none</u>	H ₂ S	<u>glass and shell fragments.</u>		
gravel	drab olive	slight	petroleum			
sand (F/M/C)	brown	moderate	other:			
<u>silt</u>	<u>gray</u>	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: ADCS NR Phase 1
 Date: 04.11.23
 Sampling Method: hand collected

Weather: 40s, sun
 Tide Source: RTK tide station
 Crew: SR, TD

GRAB DATA		Location ID: <u>IT1807</u>				
		On armored slope (Y/N)? <u>N</u>	Depth of overlying sediment, if known (cm): <u>NA</u>			
Latitude/Northing (Y): <u>HC</u>				Longitude/Easting (X): <u>HC</u>		
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1507</u>	<u>0</u>	<u>45.0</u>	<u>X</u>	<u>NA</u>	<u>NA</u>	<u>Under-structure sample (mucklesheet)</u>
SAMPLE DATA		Sample ID: <u>LDW23-IT1807</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments:		
cobble	brown surface	<u>none</u>	H ₂ S			
<u>gravel</u>	drab olive	slight	petroleum			
sand (F M C)	<u>brown</u>	moderate	other:			
<u>clay</u>	gray	strong				
	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: AOC5 ME Phase 1
Date: 05.08.23
Sampling Method: hand collect

Weather: 50s sunny
Tide Source: RTK tide station
Crew: TD, SR, ES

GRAB DATA		Location ID: <u>IT1814</u>				
		On armored slope (Y/N)? <u>N</u>	Depth of overlying sediment, if known (cm): <u>NA</u>			
Latitude/Northing (Y): <u>hand collect</u>				Longitude/Easting (X): <u>hand collect</u>		
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1225</u>	<u>NA</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>NA</u>	
SAMPLE DATA		Sample ID: <u>LW23-IT1814</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments: <u>RPT not visible. rusty pockets of sand fr. org. material.</u>		
cobble	brown surface	<u>none</u>	H ₂ S			
gravel	drab olive	slight	petroleum			
sand (F, M, C)	<u>brown</u>	moderate	other:			
silt	gray	strong				
clay	black					



SURFACE SEDIMENT COLLECTION FORM

Project Name / #: ADCS MR Phase I
Date: 05.08.23
Sampling Method: hand collect

Weather: 60s, sunny
Tide Source: RNC tide station
Crew: TD, SR, ES

GRAB DATA	Location ID: <u>IT1B15</u>					
	On armored slope (Y/N)? <u>N</u>	Depth of overlying sediment, if known (cm): <u>NA</u>				
Latitude/Northing (Y): <u>hand-collect</u>		Longitude/Easting (X): <u>hand-collect</u>				
Grab time	Water depth (ft)	Penetration depth (cm)	Acceptable grab (Y/N)	Tide Level (ft)	Mudline elevation (ft MLLW)	Comments
<u>1325</u>	<u>NA</u>	<u>45.0</u>	<u>Y</u>	<u>NA</u>	<u>NA</u>	
SAMPLE DATA		Sample ID: <u>LDW23-IT1B15</u>				
Pre-homogenization analyses (circle): VOC Sulfides Ammonia AVS/SEM TPH-P Other:						
Sediment type	Sediment color	Sediment odor		Comments: <u>RPD not visible</u> <u>tr. shell frag & org. debris</u>		
cobble	brown surface	<u>none</u>	H ₂ S			
gravel	drab olive	slight	petroleum			
sand (F, M, C)	brown	moderate	other:			
<u>silt</u>	<u>gray</u>	strong				
clay	black					