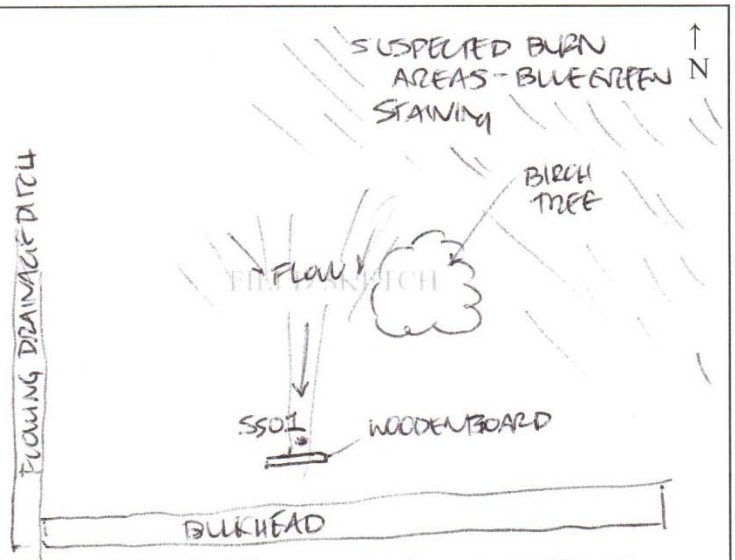
ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).

Representative photograph of sample location and/or targeted feature.

Inspection Date: 10/15/14 *Feature Identification/Name* COAL DOCK SHORELINE / EROSION GAWER

Geographic Area: HUBBELL COAL DOCK AREA Property Identification Number: 014-307-001-25

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO / D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: (Yes) No Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: Yes (No) Abandoned Container: Yes (No)

Stressed Vegetation: (Yes) No Visible Staining: Yes (No) Building Materials: Yes (No)

Describe Targeted Feature:
A CHANNELIZED DRAINAGE AREA NEAR THE SOUTHERN PROPERTY BOUNDARY. CHANNEL APPEARS ERODED, RECEIVING RUNOFF FROM THE SITE, THE CHANNEL ENTERS A VOID BEHIND THE BULKHEAD WHERE TORCH LAKE SURFACE WATER IS VISIBLE.

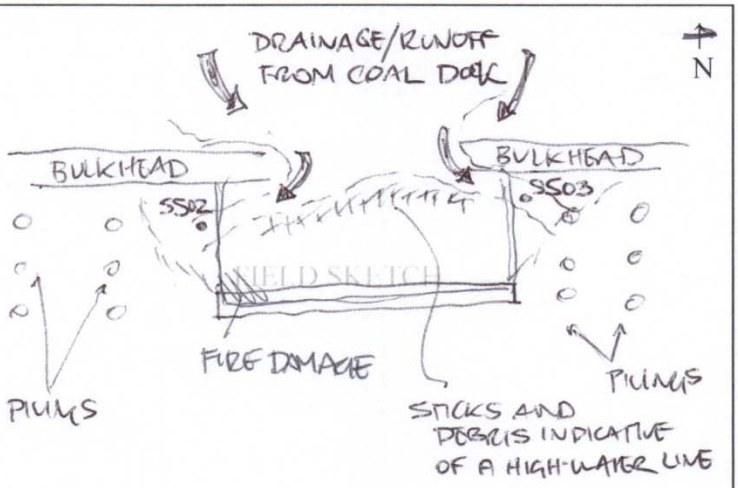
Sampling Activities ***(Sample Description, Sample Time, Requested Analyses)*:**
SAMPLE COLLECTED FROM 0-6", DARK BROWN/BLACK, SAND AND GRAVEL, COARSE TO MEDIUM GRAINED, SAMPLE COLLECTED AT 1315

CHL-SS01-101514

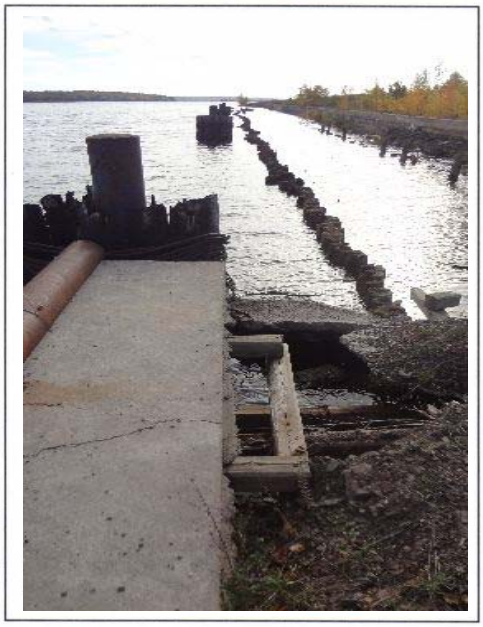
Potential Exposure Pathways ***(Ingestion, Inhalation, Direct Contact)*:**
THE EROSION OF CONTACT WATER AND CONTAMINATED ~~SEDIMENT~~ SURFACE SOIL ~~MAY~~ COULD MIGRATE FROM THE SITE AND ENTER TORCH LAKE. PHYSICAL HAZARDS MAY BE PRESENT DUE TO DETERIORATION OF THE BULKHEAD

Other Relevant Below and Above Ground Features ***(Conduit, Drainage Swales, Culverts)*:** (UNDERMINING)

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).



Inspection Date: 10/15/14 *Feature Identification/Name* COAL DOCK SHORELINE/EROSION CHANNELS

Geographic Area: HUBBELL COAL DOCK AREA Property Identification Number: 014-307-001-25

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO / D. WEBB

Circle the appropriate answer;

Potential Physical Hazard: (Yes) No Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: Yes (No) Abandoned Container: Yes (No)

Stressed Vegetation: (Yes) No Visible Staining: Yes (No) Building Materials: Yes (No)

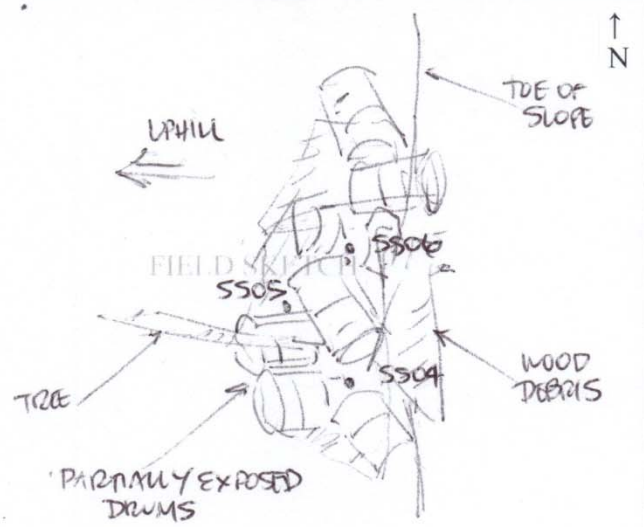
Describe Targeted Feature:
THE OPEN FLAT AREA OF THE COAL DOCK FEATURES BURN AREAS (SUSPECTED) COAL AND OTHER WASTES ON THE GROUND SURFACE; RUNOFF FROM THESE AREAS ARE GENERALLY PREVENTED FROM ENTERING THE LAKE ALONG THE BULKHEAD; ERODED CHANNELS HAVE FORMED THAT APPEAR TO DISCHARGE

Sampling Activities *(Sample Description, Sample Time, Requested Analyses)*:
SAMPLES COLLECTED FROM 0-6"; BROWN/DARK ~~GREY~~ GRAY SAND AND GRAVEL, COARSE TO MEDIUM GRAINED
CHUL-SS02-101514 SAMPLES COLLECTED AT ~~1340~~ 1346 AND 1413
CHUL-SS03-101514

Potential Exposure Pathways *(Ingestion, Inhalation, Direct Contact)*:
POTENTIALLY CONTAMINATED RUNOFF AND SOIL FROM THE SIGHT MAY WASH/ERODE FROM THE SITE AND DEPOSIT IN THE LAKE THROUGH DRAINAGE PATHWAYS; PHYSICAL HAZARDS ARE PRESENT DUE TO ERODED VOIDS IN THE BULKHEAD.

Other Relevant Below and Above Ground Features *(Conduit, Drainage Swales, Culverts)*:

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).

Representative photograph of sample location and/or targeted feature.

Inspection Date: 10/15/14 *Feature Identification/Name* PARTIALLY BURIED DRUMS

Geographic Area: HUBBELL COALDOCK AREA Property Identification Number: 014-307-001-25

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO/D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: (Yes) No Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: Yes (No) Abandoned Container: (Yes) No

Stressed Vegetation: (Yes) No Visible Staining: Yes (No) Building Materials: Yes (No)

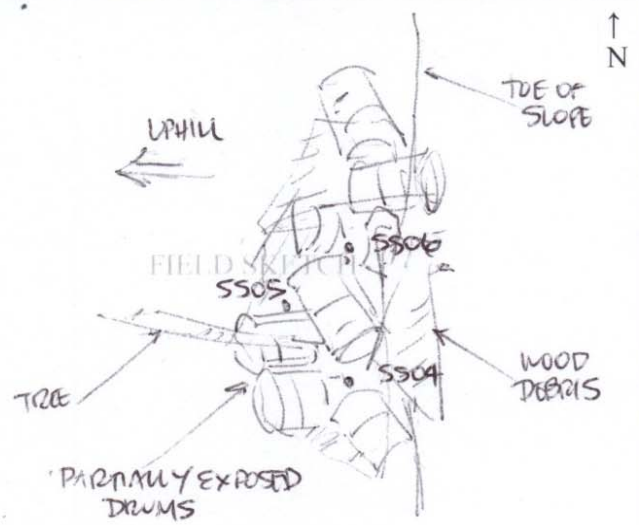
Describe Targeted Feature:
UP TO 10 DRUMS PROTRUDING FROM THE TOE OF THE SLOPE FROM THE UPPER COAL DOCK TO THE LOWER COAL DOCK; DRUMS ARE IN VARIOUS STATES OF DEGRADATION

Sampling Activities ***(Sample Description, Sample Time, Requested Analyses)***: UNCLEAR IF DRUMS ARE FULL OR EMPTY COLLECT SOIL SAMPLES FROM 0-6"; BROWNISH BLACK SANDY LOAM, ORGANICS, STANDING WATER/WET SOILS CHL-SS04-101514, CHL-SS05-101514, AND CHL-SS06-101514 SAMPLES COLLECTED BETWEEN 1430 AND 1450

Potential Exposure Pathways ***(Ingestion, Inhalation, Direct Contact)***:
DRUMS ARE PARTIALLY BURIED AND STANDING WATER IS PRESENT, MAKING THE POTENTIAL FOR LEAKING DRUM CONTENTS TO SEEP INTO SOIL AND GROUNDWATER, EROSION OF IMPACTED SOILS IS ALSO A POSSIBILITY; PHYSICAL HAZARDS ARE POSED BY THE DRUMS AND POTENTIAL SPILLAGE.

Other Relevant Below and Above Ground Features ***(Conduit, Drainage Swales, Culverts)***:

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).

Representative photograph of sample location and/or targeted feature.

Inspection Date: 10/15/14 *Feature Identification/Name* PARTIALLY BURIED DRUMS

Geographic Area: HUBBELL COALDOCK AREA Property Identification Number: 014-307-001-25

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO/D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: (Yes) No Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: Yes (No) Abandoned Container: (Yes) No

Stressed Vegetation: (Yes) No Visible Staining: Yes (No) Building Materials: Yes (No)

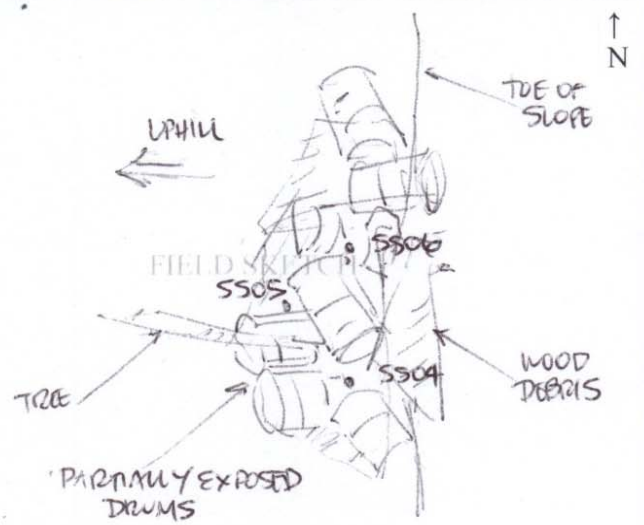
Describe Targeted Feature:
UP TO 10 DRUMS PROTRUDING FROM THE TOE OF THE SLOPE FROM THE UPPER COAL DOCK TO THE LOWER COAL DOCK; DRUMS ARE IN VARIOUS STATES OF DEGRADATION

Sampling Activities ***(Sample Description, Sample Time, Requested Analyses)***: UNCLEAR IF DRUMS ARE FULL OR EMPTY COLLECT SOIL SAMPLES FROM 0-6"; BROWNISH BLACK SANDY LOAM, ORGANICS, STANDING WATER/WET SOILS CHLL-SS04-101514, CHLL-SS05-101514, AND CHLL-SS06-101514 SAMPLES COLLECTED BETWEEN 1430 AND 1450

Potential Exposure Pathways ***(Ingestion, Inhalation, Direct Contact)***:
DRUMS ARE PARTIALLY BURIED AND STANDING WATER IS PRESENT, MAKING THE POTENTIAL FOR LEAKING DRUM CONTENTS TO SEEP INTO SOIL AND GROUNDWATER, EROSION OF IMPACTED SOILS IS ALSO A POSSIBILITY, PHYSICAL HAZARDS ARE POSED BY THE DRUMS AND POTENTIAL SPILLAGE.

Other Relevant Below and Above Ground Features ***(Conduit, Drainage Swales, Culverts)***:

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).

Representative photograph of sample location and/or targeted feature.

Inspection Date: 10/15/14 *Feature Identification/Name* PARTIALLY BURIED DRUMS

Geographic Area: HUBBELL COALDOCK AREA Property Identification Number: 014-307-001-25

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO/D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: (Yes) No Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: Yes (No) Abandoned Container: (Yes) No

Stressed Vegetation: (Yes) No Visible Staining: Yes (No) Building Materials: Yes (No)

Describe Targeted Feature:
UP TO 10 DRUMS PROTRUDING FROM THE TOE OF THE SLOPE FROM THE UPPER COAL DOCK TO THE LOWER COAL DOCK; DRUMS ARE IN VARIOUS STATES OF DEGRADATION

Sampling Activities ***(Sample Description, Sample Time, Requested Analyses)***: UNCLEAR IF DRUMS ARE FULL OR EMPTY COLLECT SOIL SAMPLES FROM 0-6"; BROWNISH BLACK SANDY LOAM, ORGANICS, STANDING WATER/WET SOILS CHLL-SS04-101514, CHLL-SS05-101514, AND CHLL-SS06-101514 SAMPLES COLLECTED BETWEEN 1430 AND 1450

Potential Exposure Pathways ***(Ingestion, Inhalation, Direct Contact)***:
DRUMS ARE PARTIALLY BURIED AND STANDING WATER IS PRESENT, MAKING THE POTENTIAL FOR LEAKING DRUM CONTENTS TO SEEP INTO SOIL AND GROUNDWATER, EROSION OF IMPACTED SOILS IS ALSO A POSSIBILITY; PHYSICAL HAZARDS ARE POSED BY THE DRUMS AND POTENTIAL SPILLAGE.

Other Relevant Below and Above Ground Features ***(Conduit, Drainage Swales, Culverts)***:

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM

Collect GPS coordinates and/or field measurements to document targeted feature(s).

Representative photograph of sample location and/or targeted feature.

Inspection Date: 10/15/14 *Feature Identification/Name* EMPTY DRUM & SMALL CONTAINER

Geographic Area: HUBBELL COAL DOCK AREA. Property Identification Number: 014-307-001.25

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO/D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: Yes (No) Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: Yes (No) Abandoned Container: (Yes) No

Stressed Vegetation: Yes (No) Visible Staining: Yes (No) Building Materials: Yes (No)

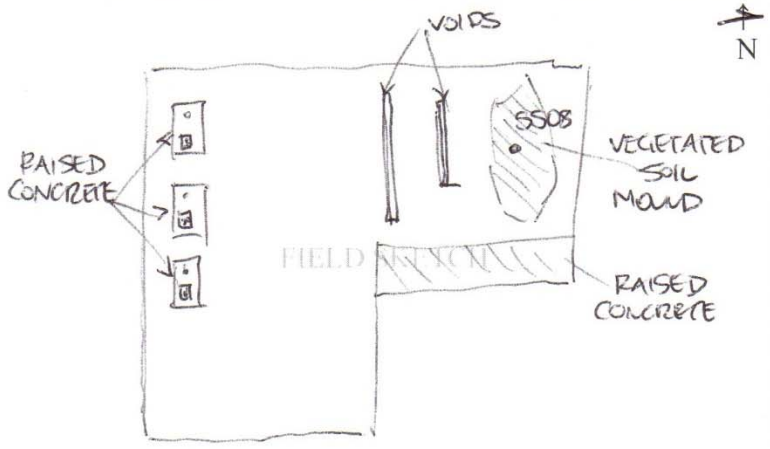
Describe Targeted Feature:
EMPTY 55 GALLON DRUM LYING ON ITS SIDE, INTACT NEXT TO A SMALL CRUSHED APPROX. 3 GALLON CONTAINER; METAL BANDS AND RODS PROTRUDING FROM THE GROUND ADJACENT TO THE CONTAINERS

Sampling Activities ***(Sample Description, Sample Time, Requested Analyses)*:**
COLLECT SOIL SAMPLE FROM 0-6", BROWNISH BLACK SOIL, ORGANICS
CHL-S507-101514 AT 1517

Potential Exposure Pathways ***(Ingestion, Inhalation, Direct Contact)***:
CONTAINERS ARE EMPTY, CONTENTS MAY HAVE SPILLED OR LEACHED INTO SOIL OR NEARBY/ADJACENT WETLAND AREA; PHYSICAL HAZARDS ASSOCIATED WITH THE CONTAINERS ARE MINIMAL

Other Relevant Below and Above Ground Features ***(Conduit, Drainage Swales, Culverts)*:**

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).

Inspection Date: 10/15/14 *Feature Identification/Name* SOIL MOUND/COAL DOCK SUBSTATION

Geographic Area: HUBBELL COAL DOCK AREA Property Identification Number: 014-307-001-25

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: _____

Circle the appropriate answer;

Potential Physical Hazard: (Yes) No Potential Chemical Hazard: Yes (No)

Capped Area: Yes (No) Residual Process Material: Yes (No) Abandoned Container: Yes (No)

Stressed Vegetation: Yes (No) Visible Staining: Yes (No) Building Materials: (Yes) No

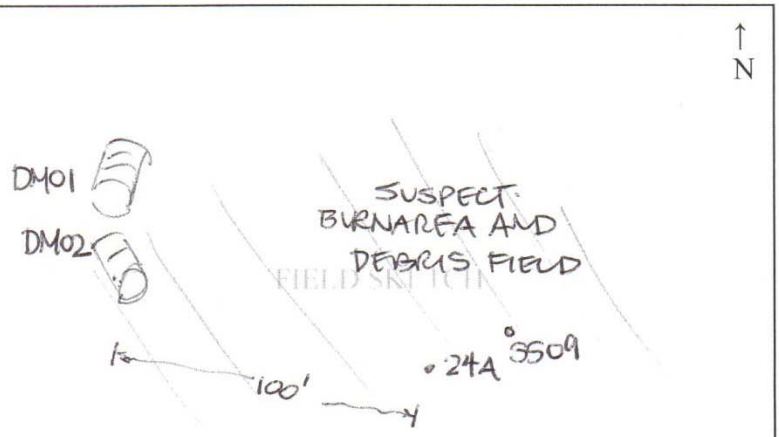
Describe Targeted Feature:
RAISED SLAB APPROXIMATELY 3-4' ABOVE GRADE; SOIL DEPOSIT COMMINGLED WITH BUILDING DEBRIS ON NORTH SIDE OF SLAB; SALM PRESENT ON THE SLAB LIGHT VEGETATIVE COVERING ON SOIL MOUND, ORGANICS

Sampling Activities ***(Sample Description, Sample Time, Requested Analyses)*:**
COLLECT SAMPLE CALL-SS08-101514 AT 1530. SOIL BROWNISH BLACK, LOAM, ORGANICS AND BUILDING DEBRIS FRAGMENTS THROUGHOUT, LIKELY LESS THAN 1 CYD³ OF MATERIAL

Potential Exposure Pathways ***(Ingestion, Inhalation, Direct Contact)*:**
DEBRIS WOULD BE PRONE TO WIND AND WATER EROSION, POTENTIAL DISTRIBUTION ACROSS THE SITE, TRESSPASSERS INVESTIGATING MOUND COULD CONTACT POTENTIAL ASBESTOS CONTAINING MATERIALS IN THE SOIL

Other Relevant Below and Above Ground Features ***(Conduit, Drainage Swales, Culverts)*:**

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).

Representative photograph of sample location and/or targeted feature.

Inspection Date: 10/14/14 *Feature Identification/Name* DEBRIS FIELD/BURN AREA

Geographic Area: HUBBELL COAL DOCK Property Identification Number: 014-307-001-25

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO / D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: Yes No Potential Chemical Hazard: Yes No

Capped Area: Yes No Residual Process Material: Yes No Abandoned Container: Yes No

Stressed Vegetation: (Yes) No Visible Staining: (Yes) No Building Materials: Yes No

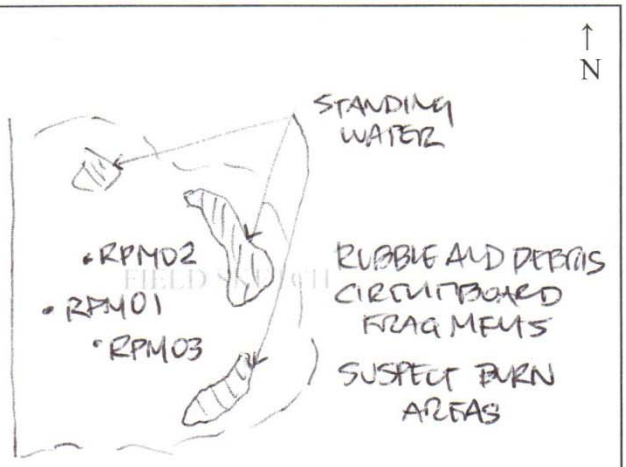
Describe Targeted Feature:
FIBROUS BLACK WIRE WRAP LOCATED IN A SUSPECTED BURN AREA, APPROXIMATELY 100 FEET EAST OF DRUMS DM01 AND DM02; VICINITY OF INSPECTION LOCATION SAMPLES

Sampling Activities ***(Sample Description, Sample Time, Requested Analyses)*:**
CHLC-ASBBLK24A-101414 - BLACK FIBROUS WIRE WRAP.
SAMPLED AT 1515
CHLC-3509-101514 - BLACK SOIL/CINDERS, 0-6"

Potential Exposure Pathways ***(Ingestion, Inhalation, Direct Contact)*:**
WIND AND WATER EROSION HAVE THE POTENTIAL TO TRANSPORT WASTES AND CONTAMINATED MEDIA TO THE LAKE; EVIDENCE OF TRESSPASSERS BASED ON SMALL EXCAVATIONS, SIMILAR TO THOSE THAT MIGHT BE MADE BY SOMEONE WITH A METAL DETECTOR

Other Relevant Below and Above Ground Features ***(Conduit, Drainage Swales, Culverts)*:**
SOIL IN THE AREA IS GENERALLY BLACK, CINDERS AND COAL, BLUE/GREEN STAINING IS PRESENT IN THE SOILS AS WELL AS FRAGMENTS OF WIRE AND WASTE MATERIALS

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).
SAMPLES COLLECT BETWEEN 1230 AND 1250

Inspection Date: 10/15/14 *Feature Identification/Name* WIRE WRAP/SHEATHING (SUSPECT) SUSPECT BURN AREA

Geographic Area: HUBBELL COALDOCK AREA Property Identification Number: 014-307-001-25

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO/D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: Yes (No) Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: (Yes) No Abandoned Container: Yes (No)

Stressed Vegetation: (Yes) No Visible Staining: (Yes) No Building Materials: Yes (No)

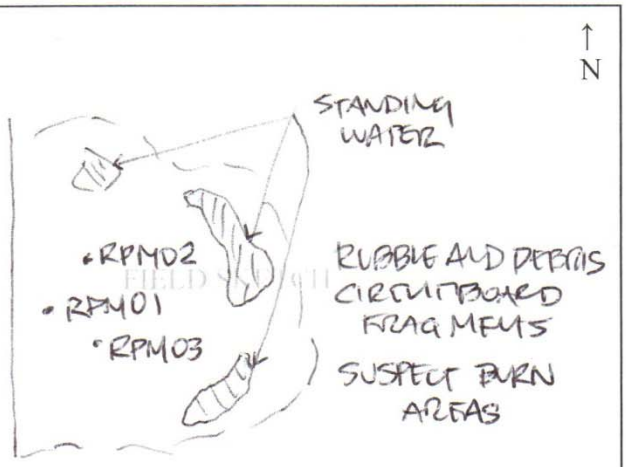
Describe Targeted Feature:
SUSPECTED WIRE AND CABLE WRAP SCRAPS COVERING THE GROUNDSURFACE IN SUSPECTED BURN AREAS, MATERIALS WOULD HAVE BEEN WASTE PRODUCTS FROM COPPER RECOVERY/SALVAGE OPERATIONS AT THE PROPERTY, MATERIALS ARE POTENTIALLY OIL-LADEN

Sampling Activities *(Sample Description, Sample Time, Requested Analyses)*: BLUE-GREEN STAINING IN SURFACE SOILS
(COLLECTED SAMPLES TO BE ANALYZED AS "SOLIDS" FOR PCB ANALYSIS: CHLL-RPM01-101514 - FIBROUS ROPE-LIKE MATERIAL, WHITE/GRAY, OILY (WIRE WRAP); CHLL-RPM02-101514 - BLACK WRAPPED FIBROUS MAT (WIRE SHEATHING) CHLL-RPM03-101514 - BLACK PLASTIC LIKE WRAP MATERIAL, APPEARS BURNT/CHARRED

Potential Exposure Pathways *(Ingestion, Inhalation, Direct Contact)*:
EXPOSED MATERIALS MAY BE WEATHERING AND DEGRADING, LEACHING/RELEASING HAZARDOUS CHEMICALS TO SOIL AND GROUNDWATER/SURFACE WATER. WIND AND WATER EROSION COULD RESULT IN THE MIGRATION OF CONTAMINANTS TO AIR AND TORCH LAKE

Other Relevant Below and Above Ground Features *(Conduit, Drainage Swales, Culverts)*:
CHLL-ASBBLK22(AC) AND CHLL-RPM01-101514 ARE THE SAME MATERIALS
CHLL-ASBBLK37(AC) AND CHLL-RPM02-101514 ARE THE SAME MATERIALS

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).
SAMPLES COLLECT BETWEEN 1230 AND 1250

Representative photograph of sample location and/or targeted feature.

Inspection Date: 10/15/14 *Feature Identification/Name* WIRE WRAP/SHEATHING (SUSPECT) SUSPECT BURN AREA

Geographic Area: HUBBELL COALDOCK AREA Property Identification Number: 014-307-001-25

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO/D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: Yes (No) Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: (Yes) No Abandoned Container: Yes (No)

Stressed Vegetation: (Yes) No Visible Staining: (Yes) No Building Materials: Yes (No)

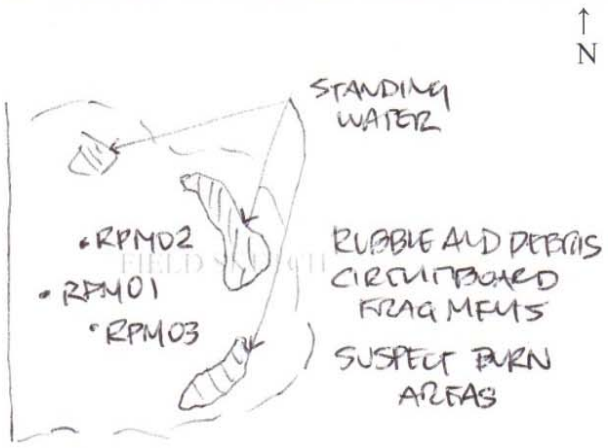
Describe Targeted Feature:
SUSPECTED WIRE AND CABLE WRAP SCRAPS COVERING THE GROUNDSURFACE IN SUSPECTED BURN AREAS, MATERIALS WOULD HAVE BEEN WASTE PRODUCTS FROM COPPER RECOVERY/SALVAGE OPERATIONS AT THE PROPERTY, MATERIALS ARE POTENTIALLY OIL LADEN

Sampling Activities *(Sample Description, Sample Time, Requested Analyses)*: BLUE-GREEN STAINING IN SURFACE SOILS
(COLLECTED SAMPLES TO BE ANALYZED AS "SOLIDS" FOR PCB ANALYSIS: CHLL-RPM01-101514 - FIBROUS ROPE-LIKE MATERIAL, WHITE/GRAY, OILY (WIRE WRAP); CHLL-RPM02-101514 - BLACK WRAPPED FIBROUS MAT (WIRE SHEATHING) CHLL-RPM03-101514 - BLACK PLASTIC LIKE WRAP MATERIAL, APPEARS BURNT/CHARRED

Potential Exposure Pathways *(Ingestion, Inhalation, Direct Contact)*:
EXPOSED MATERIALS MAY BE WEATHERING AND DEGRADING, LEACHING/RELEASING HAZARDOUS CHEMICALS TO SOIL AND GROUNDWATER/SURFACE WATER. WIND AND WATER EROSION COULD RESULT IN THE MIGRATION OF CONTAMINANTS TO AIR AND TORCH LAKE

Other Relevant Below and Above Ground Features *(Conduit, Drainage Swales, Culverts)*:
CHLL-ASBBLK22(AC) AND CHLL-RPM01-101514 ARE THE SAME MATERIALS
CHLL-ASBBLK37(AC) AND CHLL-RPM02-101514 ARE THE SAME MATERIALS

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).
SAMPLES COLLECT BETWEEN 1230 AND 1250

Inspection Date: 10/15/14 *Feature Identification/Name* WIRE WRAP/SHEATHING (SUSPECT) SUSPECT BURN AREA

Geographic Area: HUBBELL COALDOCK AREA Property Identification Number: 014-307-001-25

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO/D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: Yes (No) Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: (Yes) No Abandoned Container: Yes (No)

Stressed Vegetation: (Yes) No Visible Staining: (Yes) No Building Materials: Yes (No)

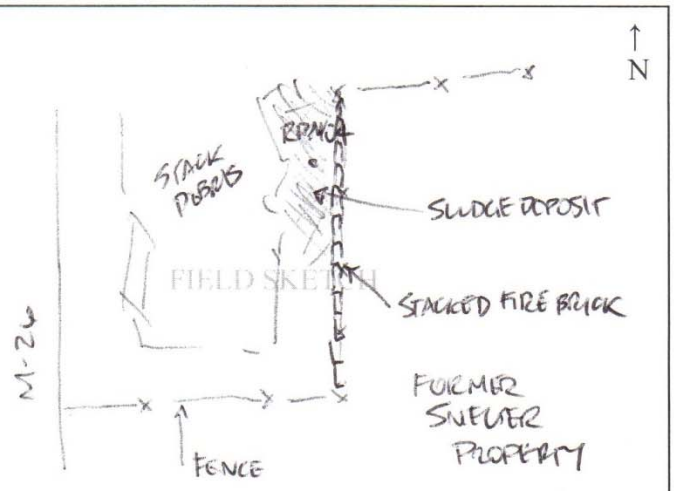
Describe Targeted Feature:
SUSPECTED WIRE AND CABLE WRAP SCRAPS COVERING THE GROUNDSURFACE IN SUSPECTED BURN AREAS, MATERIALS WOULD HAVE BEEN WASTE PRODUCTS FROM COPPER RECOVERY/SALVAGE OPERATIONS AT THE PROPERTY, MATERIALS ARE POTENTIALLY OIL LADEN

Sampling Activities *(Sample Description, Sample Time, Requested Analyses)*: BLUE-GREEN STAINING IN SURFACE SOILS
(COLLECTED SAMPLES TO BE ANALYZED AS "SOLIDS" FOR PCB ANALYSIS: CHLL-RPM01-101514 - FIBROUS ROPE-LIKE MATERIAL, WHITE/GRAY, OILY (WIRE WRAP); CHLL-RPM02-101514 - BLACK WRAPPED FIBROUS MAT (WIRE SHEATHING) CHLL-RPM03-101514 - BLACK PLASTIC LIKE WRAP MATERIAL, APPEARS BURNT/CHARRED

Potential Exposure Pathways *(Ingestion, Inhalation, Direct Contact)*:
EXPOSED MATERIALS MAY BE WEATHERING AND DEGRADING, LEACHING/RELEASING HAZARDOUS CHEMICALS TO SOIL AND GROUNDWATER/SURFACE WATER. WIND AND WATER EROSION COULD RESULT IN THE MIGRATION OF CONTAMINANTS TO ARR AND TORCH LAKE

Other Relevant Below and Above Ground Features *(Conduit, Drainage Swales, Culverts)*:
CHLL-ASBBLK22(AC) AND CHLL-RPM01-101514 ARE THE SAME MATERIALS
CHLL-ASBBLK37(AC) AND CHLL-RPM02-101514 ARE THE SAME MATERIALS

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).

Representative photograph of sample location and/or targeted feature.

Inspection Date: 10/15/14 *Feature Identification/Name* DEMOLISHED STACK - SLUDGE

Geographic Area: HUBBELL COAL DOCK AREA Property Identification Number: 04-307-001-75

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO / D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: (Yes) No Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: (Yes) No Abandoned Container: Yes (No)

Stressed Vegetation: (Yes) No Visible Staining: (Yes) No Building Materials: Yes (No)

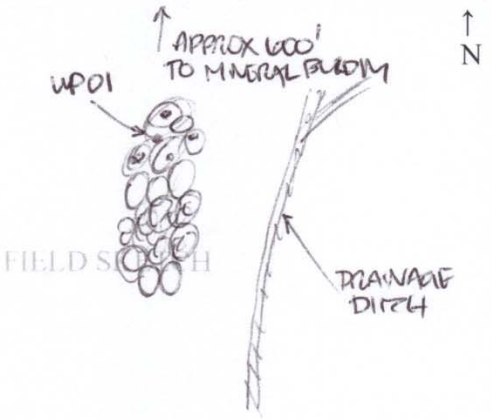
Describe Targeted Feature:
TAN, BLUE-GREEN TINTED FINE SLUDGE ACCUMULATED AT THE BASE OF THE DEMOLISHED STACK; MATERIAL APPEARS TO BE ERODING OUT OF THE STACK DEBRIS AND MIGRATING WITH THE POTENTIAL TO IMPACT THE NEIGHBORING INDUSTRIAL PROPERTY

Sampling Activities ***(Sample Description, Sample Time, Requested Analyses)*:**
COLLECTED A GRAB SAMPLE OF THE SLUDGE FROM 0-3", GREENISH BLUE, TAN, SILT-LIKE POSSIBLY ASH AND DEBRIS "WASHING OUT" OF STACK WASTE, WET/MUDDY
CHL-RPM04-101514 COLLECTED AT 1630

Potential Exposure Pathways ***(Ingestion, Inhalation, Direct Contact)*:**
DIRECT CONTACT, POTENTIAL MIGRATION OFF PROPERTY; STACK AND DEBRIS PRESENT A SIGNIFICANT PHYSICAL HAZARD; WHEN DRY MATERIAL MAY BE DISPERSED BY WIND, WATER LIKELY TO BE MAJOR CONTRIBUTER IN EROSION AND ACCUMULATION

Other Relevant Below and Above Ground Features ***(Conduit, Drainage Swales, Culverts)*:**
STACKED FIRE BRICK HAS BEEN PLACED ALONG THE PROPERTY FENCELINE, PRESUMABLY TO MITIGATE MIGRATION OF THE SLUDGE

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).

Representative photograph of sample location and/or targeted feature.

Inspection Date: 10/15/14 *Feature Identification/Name* WASTE PILES / DUMPED PILES

Geographic Area: HUBBELL COAL DOCK AREA Property Identification Number: 014-307-001-05

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO / D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: (Yes) No Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: (Yes) No Abandoned Container: (Yes) No

Stressed Vegetation: (Yes) No Visible Staining: Yes (No) Building Materials: (Yes) No

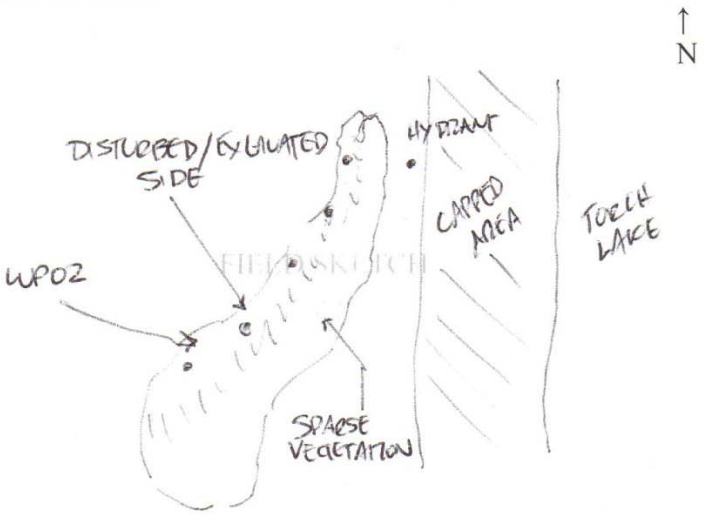
Describe Targeted Feature:
MULTIPLE WASTE PILES IN THE NORTH CENTRAL PORTION OF THE PROPERTY; PILES APPEAR TO BE DUMP TRUCK LOADS CONTAINING BRICKS, TRANSITE, AND OTHER BUILDING MATERIALS BLACK CINDER/COAL MATRIX

Sampling Activities ***(Sample Description, Sample Time, Requested Analyses)*:**
COLLECTED A 5-POINT COMPOSITE SOIL SAMPLE FROM 5 DIFFERENT WASTE PILES SOIL WAS DARK BROWN TO BLACK WITH GRAVEL; SAMPLE ALIQUOTS COLLECTED FROM 0-6" CUP-9A-CUPOIE ⇒ CHL-WP01-101514 SAMPLE COLLECTED AT 1020

Potential Exposure Pathways ***(Ingestion, Inhalation, Direct Contact)*:**
DEBRIS PILES POSE PHYSICAL HAZARD TO TRESSPASSERS DUE TO ROUGH TERRAIN AND EXPOSED DEBRIS; PILES ARE NOT VEGETATED AND PRONE TO WIND AND WATER EROSION PILES ARE WITHIN 100' OF THE DRAINAGE CHANNEL (FLOWING) THAT DIVIDES THE TWO PROPERTIES THE DRAINAGE CHANNEL DISCHARGES TO TORCH LAKE

Other Relevant Below and Above Ground Features ***(Conduit, Drainage Swales, Culverts)*:**

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).

Representative photograph of sample location and/or targeted feature.

Inspection Date: 10/15/14 *Feature Identification/Name* WASTE PILE / SUSPECT CAP SCRAPE

Geographic Area: HUBBELL COAL DOCK Property Identification Number: 014.307-001-75

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO / D. LIEBAU

Circle the appropriate answer;

Potential Physical Hazard: (Yes) No Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: (Yes) No Abandoned Container: (Yes) No

Stressed Vegetation: (Yes) No Visible Staining: Yes (No) Building Materials: (Yes) No

Describe Targeted Feature:
LARGE DEBRIS PILE, GENERALLY PARALLEL TO THE SHORELINE, SPARSELY VEGETATED, WEST SIDE OF PILE APPEARS TO HAVE BEEN OPEN CUT AND IS NOT VEGETATED, BUILDING DEBRIS DRUM CARCASS, AND OTHER MATERIALS ARE PRESENT IN A BLACK CINDER/COAL/SOIL MIX MATRIX

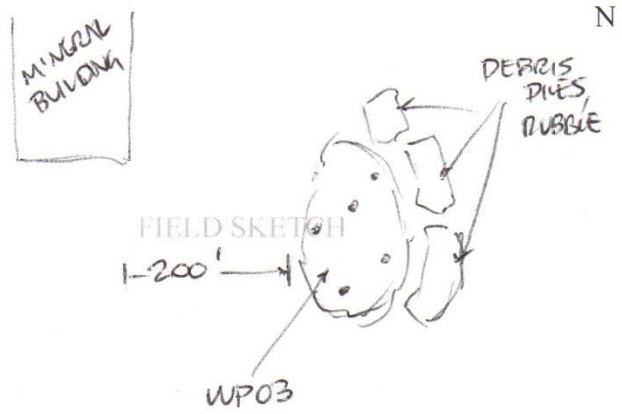
Sampling Activities ***(Sample Description, Sample Time, Requested Analyses)*:**
COLLECTED A FIVE POINT COMPOSITE SAMPLE FROM THE WASTE PILE, COMPOSITE ALIQUOTS COLLECTED FROM 0-6" BLACK CINDER/GRAVEL SOIL

CWP02A - EWP02E => CHL-WP02-101514 COLLECTED AT 1638

Potential Exposure Pathways ***(Ingestion, Inhalation, Direct Contact)*:**
DEBRIS/WASTE PILE IS SPARSELY TO NON VEGETATED, WIND AND RAIN EROSION COULD TRANSPORT SOIL FROM THE PILE TO THE LAKE AND DISPERSE ACROSS THE SITE; PHYSICAL HAZARDS THAT ARE PRESENT WOULD INCLUDE METAL DEBRIS AND BRICK PROTRUDING FROM THE WASTE PILE; CAP AREA BETWEEN THE PILE AND THE LAKE MAY PROVIDE AN EROSION BUFFER

Other Relevant Below and Above Ground Features ***(Conduit, Drainage Swales, Culverts)*:**

ABANDONED MINING WASTES TORCH LAKE NON-SUPERFUND SITE
CALUMET AND HECLA – LAKE LINDEN OPERATIONS
TARGETED INSPECTION FORM



Collect GPS coordinates and/or field measurements to document targeted feature(s).

Representative photograph of sample location and/or targeted feature.

Inspection Date: 10/15/14 *Feature Identification/Name* MINERAL BUILDING - DEBRIS PILES

Geographic Area: HUBBELL COAL DOCK AREA Property Identification Number: 014-307-001-75

OBSERVATIONS *(Including description and sketch)* Inspector/Sampler: M. CASTILLO / DUEBAU

Circle the appropriate answer;

Potential Physical Hazard: (Yes) No Potential Chemical Hazard: (Yes) No

Capped Area: Yes (No) Residual Process Material: Yes (No) Abandoned Container: (Yes) No

Stressed Vegetation: (Yes) No Visible Staining: Yes (No) Building Materials: (Yes) No

Describe Targeted Feature:
LARGE DEBRIS PILE AT THE SOUTHEND OF THE MINERAL BUILDING, BUT APPROX EAST. VARIOUS WASTE STREAMS, INSULATING CEMENTITIOUS MATERIAL, ROOFING, FIRE BRICKS, GLASS METAL DEBRIS IN A SOIL/CINDER MATRIX, WASTE PILE IS SPARSELY VEGETATED

Sampling Activities ***(Sample Description, Sample Time, Requested Analyses)*:**
COLLECTED 5 POINT COMPOSITE SAMPLE FROM MULTIPLE SIDES OF THE PILE, SOIL WAS BRownish, BLACK WITH GRAVEL AND DEBRIS, AUGERS COLLECTED FROM 0-6"
CWP-03A - CWP03E ⇒ CHL-WP03-101514 COLLECTED AT 1656

Potential Exposure Pathways ***(Ingestion, Inhalation, Direct Contact)*:**
WASTE PILE IS SUBJECT TO WIND AND WATER EROSION, SOIL CAN BE TRANSPORTED/DISPERSED THE COMMINGLED NATURE OF THE PILE WITH METAL DEBRIS/CONCRETE, AND DAMAGED ACM MAKES IT A PHYSICAL HAZARD TO TRESSPASSERS

Other Relevant Below and Above Ground Features ***(Conduit, Drainage Swales, Culverts)*:**