

ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

Residential - Lindgren, Richard W. and Rita M.

Property Identification Number:

009-194-001-01

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc) :** Field inspectors did not access this private property. Observations were recorded from adjacent properties where access was granted and/or the public right of way. The property is bound on the north by Parcel No. 014-362-041-00, to the south by Parcel No. 009-194-001-02 to the west by Spruce Street and to the east by Torch Lake. The property features one residential home set approximately 75 feet east of Spruce Street and approximately 70 feet from the shoreline of Torch Lake. The topography of the property appears to be relatively flat, sloping gradually to the east towards the shoreline. The parcel is comprised of a stamp sand deposit that was capped during remedial actions implemeted by the EPA. No historic or mining era features were observed on the property during the inspection. The area is well-vegetated with trees and substantial grass coverage.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
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View looking east at the subject property.

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Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

Residential - Helminen, Michael P. and Christina M.

Property Identification Number:

009-194-001-02

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc) :** Field inspectors did not access this private property. Observations were recorded from adjacent properties where access was granted and/or the public right of way. The property is bound on the north by Parcel No. 009-194-001-01, to the south by Parcel No. 009-194-001-03 to the west by Spruce Street and to the east by Torch Lake. The property features one residential home set approximately 100 feet east of Spruce Street and approximately 60 feet from the shoreline of Torch Lake. The topography of the property appears to be relatively flat, sloping gradually to the east towards the shoreline. The parcel is comprised of a stamp sand deposit that was capped during remedial actions implemeted by the EPA. No historic or mining era features were observed on the property during the inspection. The area is well-vegetated with trees and substantial grass coverage..

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Calumet and Hecla - Tamarack City Operations

Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

Residential - Lavergne, Don and Michelle

Property Identification Number:

009-194-001-03

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc) :** Field inspectors did not access this private property. Observations were recorded from adjacent properties where access was granted and/or the public right of way. The property is bound on the north by Parcel No. 009-194-001-02, to the south by Parcel No. 009-194-001-04 to the west by Spruce Street and to the east by Torch Lake. An apparent residential home was under construction at the time of the reconnaissance survey. The residential home is set approximately 60 feet east of Spruce Street and approximately 140 feet from the shoreline of Torch Lake. The topography of the property appears to be relatively flat, sloping gradually to the east towards the shoreline. The parcel is comprised of a stamp sand deposit that was capped during remedial actions implemeted by the EPA. No historic or mining era features were observed on the property during the inspection.

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Potential PCB or Mercury Containing Equipment								

Geographic Area:	Ahmeek Mill Processing Area
Property (Common Name):	Residential - Tauren, Erik C. and Greta S.
Property Identification Number:	009-194-001-04
Inspection Date:	5/27/2015

View looking east at the subject property.



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Calumet and Hecla - Tamarack City Operations

Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

Residential - Storm, Jay P. and Sarah E.

Property Identification Number:

009-194-001-05

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound on the north by Parcel No. 009-194-001-04, to the south by Parcel No. 009-194-001-06 to the west by Spruce Street and to the east by Torch Lake. The property will likely be developed as a residential parcel, but is currently vacant. The topography of the property appears to be relatively flat, sloping gradually to the east towards the shoreline. The parcel is comprised of a stamp sand deposit that was capped during remedial actions implemented by the EPA. No historic or mining era features were observed on the property during the inspection.

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Potential PCB or Mercury Containing Equipment		Longitude:							
Suspect ACM									
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment		Latitude:							
Suspect ACM									
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment									

Geographic Area:	Ahmeek Mill Processing Area
Property (Common Name):	Residential - C&J Land Development
Property Identification Number:	009-194-001-06
Inspection Date:	5/27/2015

A wide-angle photograph of a calm lake under an overcast sky. The foreground is dominated by a lush, green grassy bank with some small, yellow-flowered shrubs. The water is still, reflecting the grey sky. In the distance, across the lake, a small white building with a blue roof and a chimney is visible on the right side, surrounded by more greenery. The overall scene is peaceful and rural.

8/11/2015

ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

Residential - Kilunen, Erik and Janine

Property Identification Number:

009-194-001-07

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** Field inspectors did not access this private property. Observations were recorded from adjacent properties where access was granted and/or the public right of way. The property is bound on the north by Parcel No. 009-194-001-06, to the south by Parcel No. 009-194-001-08 to the west by Spruce Street and to the east by Torch Lake. The property features one residential home set approximately 560 feet east of Spruce Street and approximately 70 feet from the shoreline of Torch Lake. The topography of the property appears to be relatively flat, sloping gradually to the east towards the shoreline. The parcel is comprised of a stamp sand deposit that was capped during remedial actions implemeted by the EPA. No historic or mining era features were observed on the property during the inspection.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Latitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
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Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Latitude:						
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Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
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Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
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Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								



View looking east at the subject property.



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

Residential - Martineau and Morris Contracting



Property Identification Number:

009-194-001-08

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound on the north by Parcel No. 009-194-001-07, to the south by a man-made channel that discharges to Torch Lake, to the west by Spruce Street, and to the east by Torch Lake. The property will likely be developed as a residential parcel, but is currently vacant. The western half of the parcel is wooded. The wooded area features a number of small mounds where debris including cable, piping, asphalt, and concrete, was observed protruding from the piles. A partially buried concrete pipe, approximately 12"-18" in diameter was observed in the northwest portion of the parcel. East of the wooded area, the property becomes marshy and features a small creek that discharges to Torch Lake. The topography of the property is relatively flat, sloping gradually to the east towards the shoreline. With the exception of the mounds of debris, the only other historic or mining era features that were observed on the property included the man-made channel along the southern boundary of the parcel and pilings and structural components just offshore of the property to the southeast.

Check as Appropriate:		Record Field Measurements:		Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes	
Suspect ACM		Latitude:							
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment									
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Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment		Longitude:							
Other: _____									
Suspect ACM									
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation		Longitude:						View looking southeast at debris observed in the western portion of the subject property.	
Potential PCB or Mercury Containing Equipment									
Other: _____									
Suspect ACM									
Residual Process Materials									
Potentially Abandoned Containers		Longitude:							
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment									
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Suspect ACM									
Residual Process Materials		Latitude:							
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment									
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Suspect ACM		Longitude:							
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Potential PCB or Mercury Containing Equipment									
Other: _____		Latitude:							
Suspect ACM									
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment		Longitude:						View looking east at partially buried concrete piping observed at the subject property.	
Other: _____									
Suspect ACM									
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation		Longitude:							
Potential PCB or Mercury Containing Equipment									
Other: _____									
Suspect ACM									
Residual Process Materials									
Potentially Abandoned Containers		Latitude:							
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment									
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Suspect ACM									
Residual Process Materials		Longitude:							
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment									
Other: _____									



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

Ahmeek Mill - Osceola Township

Property Identification Number:

009-161-001-00

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The western-most parcel comprising the former Ahmeek Stamp Mill. The property is bound to the north by 6th Street and to the south by a right of way for 5th Street and the Osceola Township Park (Parcel No. 009-160-004-00). The parcel is bound to the west by Highway M26 and to the east by Parcel No. 009-161-001-00. The property features large concrete pillars that were historically structural components of the stamp mill. The base of the pillars typically feature a formed doorway so that the interior of the pillars can be accessed or walked through. The ground surface in the vicinity of the pillars is paved with concrete, likely the historical floor of the structure. The area around the concrete floor is bermed and vegetated. The berms are suspected to be constructed of historical concrete debris and similar building materials. Beyond the stamp mill structural components, no other historic or mining era features were observed on the property during the inspection.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
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Potentially Abandoned Containers								
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Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								



View looking northwest at stamp mill foundations present on the subject property.



View looking west at doorways in the concrete stamp mill pillars.

Geographic Area:	Ahmeek Mill Processing Area
Property (Common Name):	Ahmeek Mill - Osceola Township
Property Identification Number:	009-156-001-00, 00-196-002-00, and 009-195-001-10
Inspection Date:	5/27/2015





ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

Osceola Township Park - Osceola Township


Property Identification Number:

009-155-004-00

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** Part of the former Ahmeek Stamp Mill, this parcel has been redeveloped and serves as a portion of the Osceola Township Park. The park includes a basketball court and paved walking paths. The property is bound to the north by a right of way and Parcel No. 009-156-001-00, to the south by Parcel No. 009-155-001-03, to the west by a right of way and Parcel No. 009-160-004-00, and to the east by Parcel No. 009-155-001-00. The property features large concrete structures that were historically components of ancillary structures associated with the Ahmeek Stamp Mill. The park is well maintained and vegetated. Beyond the ancillary stamp mill structural components, no other historic or mining era features were observed on the property during the inspection.

Check as Appropriate:		Record Field Measurements:		Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes	
Suspect ACM		Latitude:							
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ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

Vacant - Osceola Township

Property Identification Number:

009-155-001-03

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound to the west and north by Spruce Street, to the east by Parcel No. 009-155-001-00, and to the south by Parcel No. 009-155-001-01. This parcel is wooded and vacant. There are no structures on the property, but there are several debris and rubble piles located within the wooded/vegetated areas. Excluding the rubble piles, there were no historic or mining era features observed during the inspection.

Check as Appropriate:		Record Field Measurements:		Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes	
Suspect ACM		Latitude:							
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Potential PCB or Mercury Containing Equipment									
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Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment									
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Residual Process Materials									
Potentially Abandoned Containers									

ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

C&J Land Development, Inc.


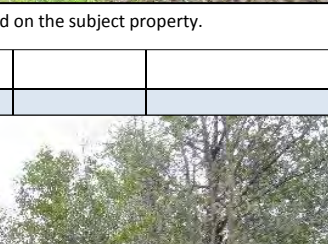

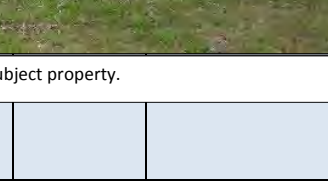


Property Identification Number:

009-155-001-00

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound to the north by Spruce Street, to the west by Parcel No. 009-155-001-03, to the east by an easement for the recreational/ATV trail, and to the south by Dover Creek. This parcel is wooded and vacant. There are no structures on the property, but there are several debris and rubble piles located within the wooded/vegetated areas. Excluding the rubble piles, there were no historic or mining era features observed during the inspection.

Check as Appropriate:		Record Field Measurements:		Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes	
Suspect ACM	✓	Latitude: 47.167342	CHTC-SACM10 (Material Bag) - Gray material, stamp on the material indicates that it is JM Asbestos Sheeting. Material is in a larger debris pile with concrete and other building materials. Debris is obscured by trees along Spruce Street. Located across the street from the Osceola Township Park. Property is unsecured and accessible by trespassers.					Material sample CHTC-ASBBLK12-062915 collected during targeted inspection activities is representative of the materials identified during reconnaissance activities.	
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation		Longitude: -88.434983							
Potential PCB or Mercury Containing Equipment									
Other: _____									
Suspect ACM		Latitude:							
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation		Longitude:							
Potential PCB or Mercury Containing Equipment									
Other: _____									
Suspect ACM		Latitude:							
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation		Longitude:							
Potential PCB or Mercury Containing Equipment									
Other: _____									
Suspect ACM		Latitude:							
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation		Longitude:							
Potential PCB or Mercury Containing Equipment									
Other: _____									
Suspect ACM		Latitude:							
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation		Longitude:							
Potential PCB or Mercury Containing Equipment									
Other: _____									
Suspect ACM		Latitude:							
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation		Longitude:							
Potential PCB or Mercury Containing Equipment									
Other: _____									
Suspect ACM		Latitude:							
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation		Longitude:							
Potential PCB or Mercury Containing Equipment									
Other: _____									



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

C&J Land Development, Inc.

Property Identification Number:

009-152-001-00

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound on the north by Parcel No. 009-194-001-08, to the south by a right of way and Parcel No. 009-151-001-00, to the west by an easement for the recreational/ATV trail, and to the east by a right of way and Parcel No. 009-193-001-00. The parcel is wooded and will likely be developed as a residential parcel, but is currently vacant. The wooded area features a number of small mounds where debris including cable, piping, asphalt, and concrete, was observed protruding from the piles. The parcel is split from north to south by a gravel road that provides access to the Tamarack Sands. The topography of the property is relatively flat, sloping gradually to the east towards the shoreline. With the exception of the mounds of debris, there were no other historic or mining era features that were observed on the property.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Latitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
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Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
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Soil Staining/Stressed Vegetation								
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Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								



View looking east at the access road that splits the parcel at the subject property.



View looking south at a typical debris pile observed on the subject property.

ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Ahmeek Mill Processing Area

Property (Common Name):

Vacant - Heimke, Katherine/Judi Dejonge

Property Identification Number:

009-195-001-00

Inspection Date:

5/27/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound to the west by Spruce Street, to the east by Spruce Street, to the north by 7th Street, and to the south by Parcel No. 009-195-001-10. This privately-owned parcel is a park-like setting featuring some trees and is well vegetated. There are no structures on the property, but there is some lawn furnishings, potted plants, and a fire pit. The parcel is well maintained and no historic or mining era features were observed during the inspection.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
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Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								



View looking southeast at the subject property.



View looking northeast at the subject property.



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Tamarack Sands Area

Property (Common Name):

Residential - C&J Land Development

Property Identification Number:

009-193-001-00

Inspection Date:

5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The peninsula was created by the deposition of mining era wastes, specifically stamp sands. The peninsula was capped during remedial actions implemented by the EPA. The parcel is bound on the west by Parcel Nos. 009-152-001-00 and 009-151-001-00. The parcel is bound on the north, south, and east by Torch Lake. One separate parcel makes up the eastern tip of the peninsula (Parcel No. 009-193-001-10). The topography of the property is relatively flat, sloping gradually away from the center line of the peninsula towards the shoreline. Eroded portions of the cap were observed along the north and east shore of the peninsula. No historic or mining era features were observed on the property.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude:						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude:						
Potential PCB or Mercury Containing Equipment								
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Residual Process Materials								
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Soil Staining/Stressed Vegetation		Longitude:						
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Suspect ACM		Latitude:						
Residual Process Materials								
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Soil Staining/Stressed Vegetation		Longitude:						
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Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
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Potential PCB or Mercury Containing Equipment								
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Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
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Potential PCB or Mercury Containing Equipment								
Other: _____								



View looking west at the gated entry to the subject property.



View looking west at the gated entry to the subject property.

ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Tamarack Sands Area

Property (Common Name):

Residential - Benaglio, Eileen J.


Property Identification Number:

009-193-001-10

Inspection Date:

5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The peninsula was created by the deposition of mining era wastes, specifically stamp sands. The peninsula was capped during remedial actions implemented by the EPA. The property is bound on the east, north, and south by Parcel No. 009-193-001-00. The property is bound on the east by Torch Lake. The topography of the property is relatively flat, sloping gradually away from the center line of the peninsula east, towards the shoreline. Eroded portions of the cap were observed along the east shore of the peninsula. No historic or mining era features were observed on the property.

Check as Appropriate:		Record Field Measurements:		Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes	
Suspect ACM		Latitude:							
Residual Process Materials									
Potentially Abandoned Containers									
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Potential PCB or Mercury Containing Equipment									
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Residual Process Materials		Latitude:							
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment									
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ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Tamarack Sands Area

Property (Common Name):

Eagle Point Nature Preserve - Unknown


Property Identification Number:

Unknown

Inspection Date:

5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc) :** Property Identification Number for this parcel was not identified. The property may generally be described as the Eagle Point Nature Preserve. The property is bound on the west by an easement for the recreational/ATV trail, on the south by Parcel No. 009-013-005-00, and on the north by Parcel Nos. 009-192-001-00 and 009-193-001-00. The property includes a small portion of the Torch Lake shoreline, roughly 80 to 100 feet, to the east. The property is generally low laying areas of marsh and standing water. The area features substantial vegetative growth including numerous small trees as well as some more upland areas that feature older growth. There are numerous debris mounds observed in the area, some constructed of larger diameter mine rock or concrete debris. A partially buried pipe segment and a partially buried container were observed on the property. With the exception of the items identified above, no other historic or mining era features were observed on the property.








Check as Appropriate:		Record Field Measurements:		Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes	
Suspect ACM		Latitude:							
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Suspect ACM		Latitude:							
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Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing Equipment									
Other: _____		Longitude:							
Suspect ACM									
Residual Process Materials									
Potentially Abandoned Containers									
Soil Staining/Stressed Vegetation									
Potential PCB or Mercury Containing									



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:	Tamarack Sands Area
Property (Common Name):	Vacant - Unknown
Property Identification Number:	Unknown
Inspection Date:	5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc) :** A Property Identification Number for this parcel was not identified. The property is generally contiguous with the Eagle Point Nature Preserve property. The property is bound on the west by an easement for the recreational/ATV trail, on the south by Parcel No. 009-013-005-00, and on the north by Parcel Nos. 009-192-001-00 and 009-193-001-00. This southern portion of the property also features low laying areas of marsh and standing water. A dump was reported located in the south-central portion of the property. The area is characterized by uncapped stamp sands and approximately five concrete and wood pilings that stick-up above grade. Concrete piping and metal debris was observed in the vicinity. A pond located to the east of the reported dump has visible debris, possibly a drum, protruding from the water. The area features substantial vegetative growth including numerous small trees as well as some more upland areas that feature older growth. No other historic or mining era features were observed on the property.



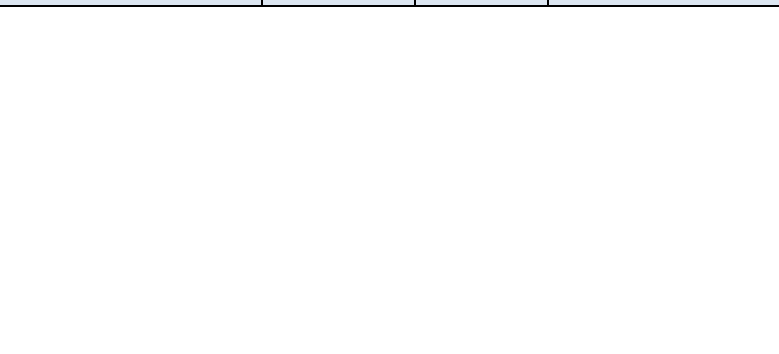
Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM	✓	Latitude: 47.165621326	CHTC-SACM02 (TSI): White fibrous debris, appears layered and highly weathered. Friable, suspect asbestos containing thermal system insulation. Distributed along the recreational/ATV trail in the vicinity of concrete/wood pilings located on the east side of the trail.					Material sample CHTC-ASBBLK09-062915 collected during targeted inspection activities is representative of the materials identified during reconnaissance activities.
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude: -88.438011854						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude:						
Potential PCB or Mercury Containing Equipment								
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Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
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Suspect ACM		Latitude:						
Residual Process Materials								
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Suspect ACM		Latitude:						
Residual Process Materials								
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Suspect ACM		Latitude:						
Residual Process Materials								
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Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude:						
Potential PCB or Mercury Containing Equipment								
Other: _____								



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:	Tamarack Sands Area
Property (Common Name):	Vacant - Unknown
Property Identification Number:	Unknown
Inspection Date:	5/28/2015



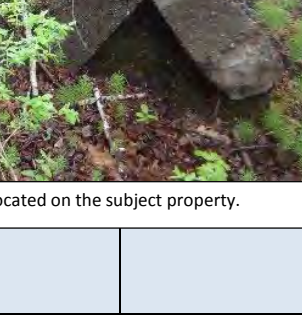

**General Property Description (Significant Land scape Features, Topography, Cover, Etc) :** Property Identification Number for this parcel was not identified. The property may generally be described as the Eagle Point Nature Preserve. The property is bound on the west by an easement for the recreational/ATV trail, on the south by Parcel No. 009-013-005-00, and on the north by Parcel Nos. 009-192-001-00 and 009-193-001-00. The property includes a small portion of the Torch Lake shoreline, roughly 80 to 100 feet, to the east. The property is generally low laying areas of marsh and standing water. The area features substantial vegetative growth including numerous small trees as well as some more upland areas that feature older growth. There are numerous debris mounds observed in the area, some constructed of larger diameter mine rock or concrete debris. A partially buried pipe segment and a partially buried container were observed on the property. With the exception of the items identified above, no other historic or mining era features were observed on the property.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude: 47.16537197  Longitude: -88.436860309	CHTC-DM01: A white, ribbed cylinder, approximately 18 inches in diameter and approximately 3 feet long. Appears to be a container, possible pressure vessel. Partially buried.					Surface soil location CHTC-SS01-0-6" is representative of environmental conditions in the vicinity of the reconnaissance location.
Residual Process Materials								
Potentially Abandoned Containers	✓							
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM		Latitude:  Longitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM		Latitude:  Longitude:						
Residual Process Materials								
Potentially Abandoned Containers								
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Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM		Latitude:  Longitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								

ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:	Tamarack Sands Area
Property (Common Name):	Torch Lake Sewage Authority
Property Identification Number:	009-192-001-00
Inspection Date:	5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc) :** The property is bound on the north by Parcel Nos. 009-151-001-00 and 009-151-001-50, to the west by an easement for the recreational/ATV trail, and to the south and east by the Eagle Point Nature Preserve. The parcel is wooded and is currently vacant. The wooded area features a number of small mounds where debris including concrete and asphaltic shingles were observed. The topography of the property is a mix of upland and low lying marshy areas. With the exception of the mounds of debris, there were no other historic or mining era features that were observed on the property.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM	✓	Latitude: 47.165750201	CHTC-SACM01 (Roofing) - Debris pile approximately 15-feet in diameter comprised of wood debris and suspect asbestos containing materials (asphaltic roofing).					Material samples CHTC-ASBBLK10-062915 and CHTC-ASBBLK11-062915 collected during targeted inspection activities are representative of the materials identified during reconnaissance activities.
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude: -88.436622417						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM		Latitude: 47.165530347	CHTC-SBR01 - A partially buried pipe, oriented from east to west may have previously discharged to the adjacent wetland area. Possible investigative location for soil and groundwater sampling.					Soil and groundwater samples collected from boring location CHTC-SB47 and CHTC-GW43 are representative of environmental conditions in the vicinity of the reconnaissance location.
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude: -88.43634201						
Potential PCB or Mercury Containing Equipment								
Other: <u>Partially buried pipe</u>	✓							
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude:						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude:						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude:						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude:						
Potential PCB or Mercury Containing Equipment								
Other: _____								



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Tamarack Sands Area

Property (Common Name):

Torch Lake Sewage Authority








Property Identification Number:

009-013-005-00

Inspection Date:

5/28/2015







**General Property Description (Significant Land scape Features, Topography, Cover, Etc.):** The peninsula was created by the deposition of mining era wastes, specifically stamp sands. The peninsula was capped during remedial actions implemented by the EPA. Eroded portions of the cap were observed along the east shore of the peninsula.. The parcel is fenced and comprised of two water treatment lagoons owned and operated by the Torch Lake Sewage Authority. The area is generally well vegetated.. No historic or mining era features were observed on the property during the inspection.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude: 47.163894766  Longitude: -88.441823258	CHTC-SBR02 - Outlet of a concrete culvert that crosses from the west side of M26, where former stamp mill operations existed, to the east side of M26 where stamp sands were historically deposited.					Soil and groundwater samples collected from boring location CHTC-SB48 and CHTC-GW44 are representative of environmental conditions in the vicinity of the reconnaissance location.
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: Storm Water Outfall	✓							
Suspect ACM		Latitude:  Longitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other:								
Suspect ACM		Latitude:  Longitude:						
Residual Process Materials								
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Soil Staining/Stressed Vegetation								
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Suspect ACM		Latitude:  Longitude:						
Residual Process Materials								
Potentially Abandoned Containers								
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Potential PCB or Mercury Containing Equipment								
Other:								

ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:	Tamarack Processing Area
Property (Common Name):	Burcar, Anthony R.
Property Identification Number:	009-013-004-20
Inspection Date:	5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound to the west by Amygdaloid Street, to the north by Tamarack Hill Road, to the east by Highway M26 and Parcel No. 009-013-004-10, and to the south by Parcel No. 009-013-004-50. The topography of the property is a steep hill side sloping down from Amygdaloid Street to Highway M26. The property is the Site of the former Tamarack Mill No.1 and the Tamarack Reclamation Plant, which included an electric substation, a classifying plant, a floatation plant, and a leaching plant. The hillside features numerous floors and foundations associated with the mining era structures. In addition, these areas are covered with debris, including suspect asbestos containing materials and abandoned drums. The lower portion of the hillside, closer to Highway M26, appears to be used for stockpiling and staging of construction materials and equipment. The area also features up to 20 used underground storage tanks on the ground surface and a large pile of vehicle and equipment tires. The foundations, structures, and building debris are examples of mining era features identified during the inspection.



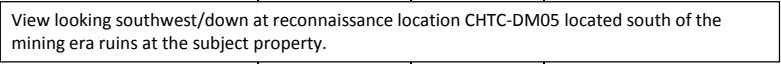


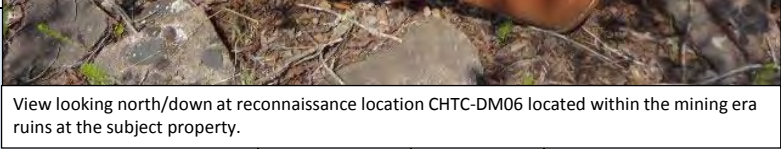
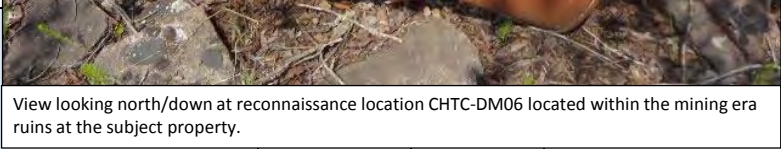
Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM	✓	Latitude:47.165520228	CHTC-SACM03 (Roofing): Black asphaltic roofing material, commingled with building debris and glass on the upper floor of the former stamp mill/reclamation plant floor.					Material sample CHTC-ASBBLK05-062915 collected during targeted inspection activities is representative of the materials identified during reconnaissance activities.
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude: -88.443005828						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM	✓	Latitude: 47.165494686	CHTC-SACM04 (Transite): Grayish white transite fragments, commingled with building debris and glass on the upper floor of the former stamp mill/reclamation plant floor.					Material sample CHTC-ASBBLK04-062915 collected during targeted inspection activities is representative of the materials identified during reconnaissance activities.
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude: -88.442872974						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM	✓	Latitude:47.164992759	CHTC-SACM05 (Transite): Grayish white transite fragments, commingled with debris on the mid-level floor of the former stamp mill/reclamation plant floor.					Material sample CHTC-ASBBLK04-062915 collected during targeted inspection activities is representative of the materials identified during reconnaissance activities.
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude: -88.443161759						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM	✓	Latitude: 47.165138015	CHTC-SACM06 (Transite): Grayish white transite fragments, commingled with debris on the lower floor of the former stamp mill/reclamation plant floor.					Material sample CHTC-ASBBLK04-062915 collected during targeted inspection activities is representative of the materials identified during reconnaissance activities.
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude: -88.44266546						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM	✓	Latitude: 47.16518134	CHTC-SACM07 (Roofing/Transite): Grayish white transite fragments and black asphaltic roofing material commingled with building debris on the mid-level floor of the former stamp mill/reclamation plant floor.					Material samples CHTC-ASBBLK04-062915 and CHTC-ASBBLK05-062915 collected during targeted inspection activities are representative of the materials identified during reconnaissance activities.
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude: -88.44278333						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM	✓	Latitude: 47.165569902	CHTC-SACM08 (Roofing): Black asphaltic roofing material in a small debris pile in a wooded area. The debris pile is approximately 30 feet north of the gravel drive. The pile is approximately 6 feet in diameter.					Material sample CHTC-ASBBLK01-062915 collected during targeted inspection activities is representative of the materials identified during reconnaissance activities.
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude: -88.444037426						
Potential PCB or Mercury Containing Equipment								
Other: _____								



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:	Tamarack Processing Area
Property (Common Name):	Burcar, Anthony R.
Property Identification Number:	009-013-004-20
Inspection Date:	5/28/2015



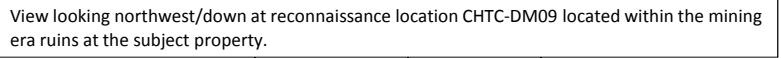





**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound to the west by Amygdaloid Street, to the north by Tamarack Hill Road, to the east by Highway M26 and Parcel No. 009-013-004-10, and to the south by Parcel No. 009-013-004-50. The topography of the property is a steep hill side sloping down from Amygdaloid Street to Highway M26. The property is the Site of the former Tamarack Mill No.1 and the Tamarack Reclamation Plant, which included an electric substation, a classifying plant, a floatation plant, and a leaching plant. The hillside features numerous floors and foundations associated with the mining era structures. In addition, these areas are covered with debris, including suspect asbestos containing materials and abandoned drums. The lower portion of the hillside, closer to Highway M26, appears to be used for stockpiling and staging of construction materials and equipment. The area also features up to 20 used underground storage tanks on the ground surface and a large pile of vehicle and equipment tires. The foundations, structures, and building debris are examples of mining era features identified during the inspection.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude: 47.16463546  Longitude: -88.444799091	CHTC-DM02: Rusted, crushed drum carcass, obscured by vegetation on the hillside below/east of Amygdaloid Street.					Surface soil location CHTC-SS02-0-6" is representative of environmental conditions in the vicinity of the reconnaissance location.
Residual Process Materials								
Potentially Abandoned Containers	✓							
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Latitude: 47.165026394  Longitude: -88.443400219	CHTC-DM03: Rusted, partially crushed, open and damaged, 55-gallon drum, lying on its side. The drum is labeled "Dowfroth 250, manufactured by Dow Chemical Company".					Drum sampling location CHTC-DM01 is representative of the contents of the drum identified during reconnaissance activities.
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers	✓							
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment		Latitude: 47.164994689  Longitude: -88.443358432	CHTC-DM04: Rusted, yellow, partially crushed, open and damaged, half-filled with building debris, 55-gallon drum, standing vertically. A black 5-gallon container is lying on its side next to the drum, labeled "SuperTech R&O Hydraulic Oil".		View looking southwest/down at reconnaissance location CHTC-DM05 located south of the mining era ruins at the subject property.			Surface soil location CHTC-SS07-0-6" is representative of environmental conditions in the vicinity of the reconnaissance location.
Other: _____								
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers	✓							
Other: _____		Latitude: 47.164743251  Longitude: -88.443647995	CHTC-DM05: Rusted, highly-weathered and degraded, crushed, 55-gallon drum. Grayish-brown, rust fragments and granular material appear to be present on the interior of the drum.					Drum sampling location CHTC-DM02 is representative of the contents of the drum identified during reconnaissance activities.
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers	✓							
Other: _____								
Suspect ACM		Latitude: 47.165194495  Longitude: -88.442744906	CHTC-DM06: Black, rusted, partially crushed drum lying on its side. Appears empty, partial label, indicates that contents may have been hydraulic oil.					Surface soil location CHTC-SS06-0-6" is representative of environmental conditions in the vicinity of the reconnaissance location.
Residual Process Materials								
Potentially Abandoned Containers	✓							
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Latitude: 47.16559848  Longitude:-88.4423566	CHTC-DM07: Rusted, empty drum, crushed, damaged, lying in a wooded area.		View looking north/down at reconnaissance location CHTC-DM06 located within the mining era ruins at the subject property.			Surface soil location CHTC-SS05-0-6" is representative of environmental conditions in the vicinity of the reconnaissance location.
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers	✓							
Other: _____								
Suspect ACM		Latitude: 47.16559848  Longitude:-88.4423566	CHTC-DM07: Rusted, empty drum, crushed, damaged, lying in a wooded area.		View looking north/down at reconnaissance location CHTC-DM06 located within the mining era ruins at the subject property.			Surface soil location CHTC-SS05-0-6" is representative of environmental conditions in the vicinity of the reconnaissance location.
Residual Process Materials								
Potentially Abandoned Containers	✓							
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								

ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:	Tamarack Processing Area
Property (Common Name):	Burcar, Anthony R.
Property Identification Number:	009-013-004-20
Inspection Date:	5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound to the west by Amygdaloid Street, to the north by Tamarack Hill Road, to the east by Highway M26 and Parcel No. 009-013-004-10, and to the south by Parcel No. 009-013-004-50. The topography of the property is a steep hill side sloping down from Amygdaloid Street to Highway M26. The property is the Site of the former Tamarack Mill No.1 and the Tamarack Reclamation Plant, which included an electric substation, a classifying plant, a floatation plant, and a leaching plant. The hillside features numerous floors and foundations associated with the mining era structures. In addition, these areas are covered with debris, including suspect asbestos containing materials and abandoned drums. The lower portion of the hillside, closer to Highway M26, appears to be used for stockpiling and staging of construction materials and equipment. The area also features up to 20 used underground storage tanks on the ground surface and a large pile of vehicle and equipment tires. The foundations, structures, and building debris are examples of mining era features identified during the inspection.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude: 47.165529896  Longitude: -88.442126003	CHTC-DM08: Rusted, empty drum, crushed, damaged, partially obscured by vegetation.					Surface soil location CHTC-SS04-0-6" is representative of environmental conditions in the vicinity of the reconnaissance location.
Residual Process Materials								
Potentially Abandoned Containers	✓							
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Latitude: 47.165355601  Longitude: -88.442145957	CHTC-DM09: Bluish-green, rusted, partially crushed drum lying on its side. Does not appear to be empty. No obvious labeling on the drum.					Surface soil location CHTC-SS03-0-6" is representative of environmental conditions in the vicinity of the reconnaissance location.
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers	✓							
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment		Latitude: 47.164193836  Longitude: -88.443550947	CHTC-DM10: Rusted, empty drum, crushed, damaged, partially buried and obscured by vegetation. Located in a wet, marshy area along the southern fence line of the property.					Surface soil location CHTC-SS08-0-6" is representative of environmental conditions in the vicinity of the reconnaissance location.
Other: _____								
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers	✓							
Other: _____		Latitude: _____  Longitude: _____						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment		Latitude: _____  Longitude: _____						
Other: _____								
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Latitude: _____  Longitude: _____						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers		Latitude: _____  Longitude: _____						
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM								
Residual Process Materials		Latitude: _____  Longitude: _____						
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Tamarack Processing Area

Property (Common Name):

Whiteman, Richard C. and Guinevere

Property Identification Number:

009-013-004-10

Inspection Date:

5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound on the west and north by Parcel No. 009-013-004-20, to the east by Highway M26, and to the south by Parcel No. 009-013-004-50. The property, which is located adjacent to Parcel No. 009-013-004-20 features concrete foundations and structures associated with the former Tamarack Floatation Plant. It appears that neighboring operation uses the property for stockpiling and staging of construction materials and equipment. The foundations and structures are examples of mining era features identified during the inspection.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Latitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
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Potential PCB or Mercury Containing Equipment								
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Potential PCB or Mercury Containing Equipment								
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Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								



View looking southwest at the subject property.



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Tamarack Processing Area

Property (Common Name):

Knuuttila, Isaac

Property Identification Number:

009-013-008-00

Inspection Date:

5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc) :** The property is bound to the east by Highway M26 and to the north, west, and south by Parcel No. 009-013-004-50. The property features a former residence that houses an upholstery business. Approximately six vehicles and a boat are parked on the property. The topography of the property appears to be relatively flat, sloping to the west away from Highway M26. The property is sparsely vegetated. Stamp sand covers the ground surface in those areas that are not well-vegetated. No historic or mining era features were observed on the property during the inspection.



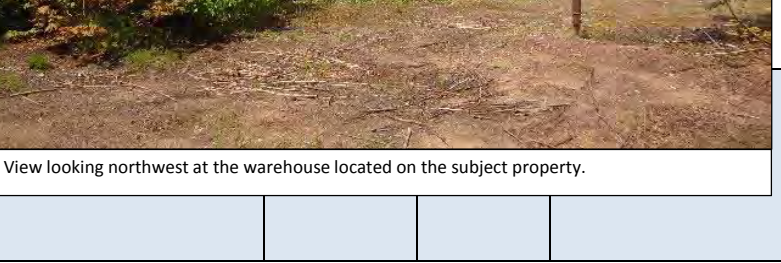

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
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Residual Process Materials								
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Potential PCB or Mercury Containing Equipment								
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Residual Process Materials								
Potentially Abandoned Containers								
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Potential PCB or Mercury Containing Equipment								
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Residual Process Materials								
Potentially Abandoned Containers								
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Potential PCB or Mercury Containing Equipment								
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Residual Process Materials								
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Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
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Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:	Tamarack Processing Area
Property (Common Name):	Whiteman, Richard C. and Guinevere
Property Identification Number:	009-013-004-50
Inspection Date:	5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc) :** The property is bound to the west by Junction Road, to the north by Parcel No. 009-013-004-20, to the east by Parcel No. 009-013-008-00, and to the south by Parcel No. 009-013-006-00. The topography of the property is a steep hill side sloping down from Junction Road to Highway M26. The property is the Site of the former Lake Stamp Mill No.2 (Tamarack Mill No.2) which was demolished and converted into a material warehouse. The warehouse is still standing, but does not appear to be in active use. The hillside features numerous floors, walls, and foundations associated with the mining era structures. In addition, abandoned drums and debris were observed in trenches and structures on the hillside. The hillside is wooded; however, the foundations directly west of the warehouse are covered with stamp sands and little vegetation. The foundations, structures, and building debris are examples of mining era features identified during the inspection

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM	✓	Latitude: 47.163786217  Longitude: -88.444037426	CHTC-SACM09 (Roofing): Bluish black, asphaltic roofing material, weathered and distributed on the ground surface along the length of the building.					Material samples CHTC-ASBBLK07-062915 and CHTC-ASBBLK08-062915 collected during targeted inspection activities are representative of the materials identified during reconnaissance activities.
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Latitude: 47.163934225  Longitude: -88.444589959	CHTC-DM11: Seven rusted drum carcasses, piled, crushed, and damaged in a trench in the former stamp mill foundation. Wooded area midway up the hill between the warehouse and Junction Road.					Surface soil locations CHTC-SS09-0-6", CHTC-SS10-0-6", and CHTC-SS11-0-6" and drum sampling locations CHTC-DM03 and CHTC-DM03 are representative of environmental conditions in the vicinity of the reconnaissance location. In addition,
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers	✓							
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment		Latitude: 47.163544153  Longitude: -88.44429984	BUILDING ANNEX: Small storage area on the west side of the warehouse. Storage area contains multiple 5-gallon buckets and flouescent lighting fixtures piled inside. Contents of the buckets are unknown. Roof is collapsed and debris has fallen in on top of the building contents. Wooden boards adjacent to the annex appear oil stained.					Surface soil location CHTC-SS12-0-6" is representative of environmental conditions in the vicinity of the reconnaissance location.
Other: _____								
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers	✓							
Soil Staining/Stressed Vegetation		Latitude: _____  Longitude: _____						
Potential PCB or Mercury Containing Equipment	✓							
Other: _____								
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers		Latitude: _____  Longitude: _____						
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM								
Residual Process Materials		Latitude: _____  Longitude: _____						
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								

ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Tamarack Processing Area

Property (Common Name):

Whiteman, Richard C. and Guinevere

Property Identification Number:


009-013-006-00

Inspection Date:

5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound to the west by Junction Road, to the north by Parcel No. 009-013-004-50, to the east by Highway M26 and Parcel No. 009-013-006-10, and to the south by Parcel No. 009-013-006-20. The topography of the property is a steep hill side sloping down from Junction Road to Highway M26. The property is located to the south of the former Lake Stamp Mill No.2 (Tamarack Mill No.2) which was demolished and converted into a material warehouse. The property features a carriage house that, although deteriorating, is still standing. The hillside features numerous floors, walls, and foundations associated with the mining era structures. The hillside is wooded with a partially cleared pathway that extends up the hill adjacent to and south of the carriage house. The foundations, structures, and building debris are examples of mining era features identified during the inspection.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment		Longitude:						
Other: _____								
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude:						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers		Longitude:						
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
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Residual Process Materials		Longitude:						
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Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment		Longitude:						
Other: _____								
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation		Longitude:						
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers		Longitude:						
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								
Suspect ACM								
Residual Process Materials		Latitude:						
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____								



View looking east at the dilapidated carriage house on the subject property.



ATTACHMENT A  
Property Inspection Checklist  
Abandoned Mining Wastes - Torch Lake Non-Superfund Site  
Calumet and Hecla - Tamarack City Operations

Geographic Area:

Tamarack Processing Area

Property (Common Name):

Shields, Townsend and Carrie

Property Identification Number:

009-013-006-10

Inspection Date:

5/28/2015

**General Property Description (Significant Land scape Features, Topography, Cover, Etc.) :** The property is bound to the east by Highway M26, to the north and west by Parcel No. 009-013-006-00, and to the south by Parcel No. 009-013-006-20. The topography of the property is relatively flat and well vegetated. The property is partially wooded and vacant. No mining era features were identified during the inspection.

Check as Appropriate:		Record Field Measurements:	Provide Written Description Including Condition, Content, and Similar Material Properties:	Document as Applicable:				
Potential Chemical or Physical Hazards	✓	Location/Coordinates	Description	Estimated Size/Area/Volume	Quantity	Units	Sample Recommendations	Notes
Suspect ACM		Latitude:						
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Latitude:						
Suspect ACM								
Residual Process Materials								
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Other: _____		Latitude:						
Suspect ACM								
Residual Process Materials								
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Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
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Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Latitude:						
Suspect ACM								
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Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								
Other: _____		Longitude:						
Suspect ACM								
Residual Process Materials								
Potentially Abandoned Containers								
Soil Staining/Stressed Vegetation								
Potential PCB or Mercury Containing Equipment								

Geographic Area:	Tamarack Processing Area
Property (Common Name):	Hendrickson, John Jr.
Property Identification Number:	009-013-006-20
Inspection Date:	5/28/2015

area. The foundations, structures, and building debris are examples of mining era features identified during the inspection.

View looking southeast at the floor and foundations associated with the former stamp mill at the subject property.



View looking northwest at soil stockpiles at the subject property.