

## **Appendix A**

### **Photo Log**

## Photo Log

Photograph 01:	The dredges, <i>Fox River</i> and <i>Grand Calumet</i> .
Photograph 02:	The dredge, <i>Fox River</i> .
Photograph 03:	The dredge, <i>Grand Calumet</i> .
Photograph 04:	The booster barge.
Photograph 05:	Pipeline - Out of water on booster.
Photograph 06:	Pipeline - Floating on the water's surface.
Photograph 07:	The cutter head attachment.
Photograph 08:	The Vic Vac attachment.
Photograph 09:	The bathymetric survey boat.
Photograph 10:	High subgrade cores.
Photograph 11:	Post-dredge sampling.
Photograph 12:	Post-dredge water depth and sediment thickness poling.
Photograph 13:	Post-dredge core field preparation.
Photograph 14:	Post-dredge coring with RTK GPS in foreground.
Photograph 15:	Post-dredge coring with HYPACK® navigational software on laptop.
Photograph 16:	Post-dredge sample processing in lab – core measurement.
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Photograph 23:	Dewatering pad.
Photograph 24:	Polymer make-down station.
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Photograph 39:	Godwin pumps.
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Photograph 41:	Field turbidity meter calibration.
Photograph 42:	Surface water sampling with Kemmerer sampler.
Photograph 43:	Composite effluent sampler.
Photograph 44:	Composite effluent sample splitting.
Photograph 45:	Low-level mercury sampling.

Photograph 46: Air monitoring station.  
Photograph 47: Sand and gravel pad site excavation.  
Photograph 48: Sand and gravel pad construction.  
Photograph 49: Sand stockpile.  
Photograph 50: Sand infeed hopper and incline conveyor belt.  
Photograph 51: Sand infeed hopper loading.  
Photograph 52: Sand shaker.  
Photograph 53: Sand spreading.  
Photograph 54: Sand placement sampling with Russian Peat Borer core sampler.  
Photograph 55: Sand placement documentation from Russian Peat Borer.  
Photograph 56: Sand placement documentation from Russian Peat Borer.



Photograph 1

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Description: The dredges, *Fox River* and *Grand Calumet*.



Photograph 2

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Description: The dredge, *Fox River*.



Photograph 3

Description: The dredge, *Grand Calumet*.

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Photograph 4

Description: The booster barge.

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Photograph 5

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Description: Pipeline - Out of water on booster.



Photograph 6

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Description: Pipeline - Floating on the water's surface.



Photograph 7

Description: The cutter head attachment.

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Photograph 8

Description: The Vic Vac attachment.

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Photograph 9

Description: The bathymetric survey boat.



Photograph 10

Description: High subgrade cores.



Photograph 11

Description: Post-dredge sampling.

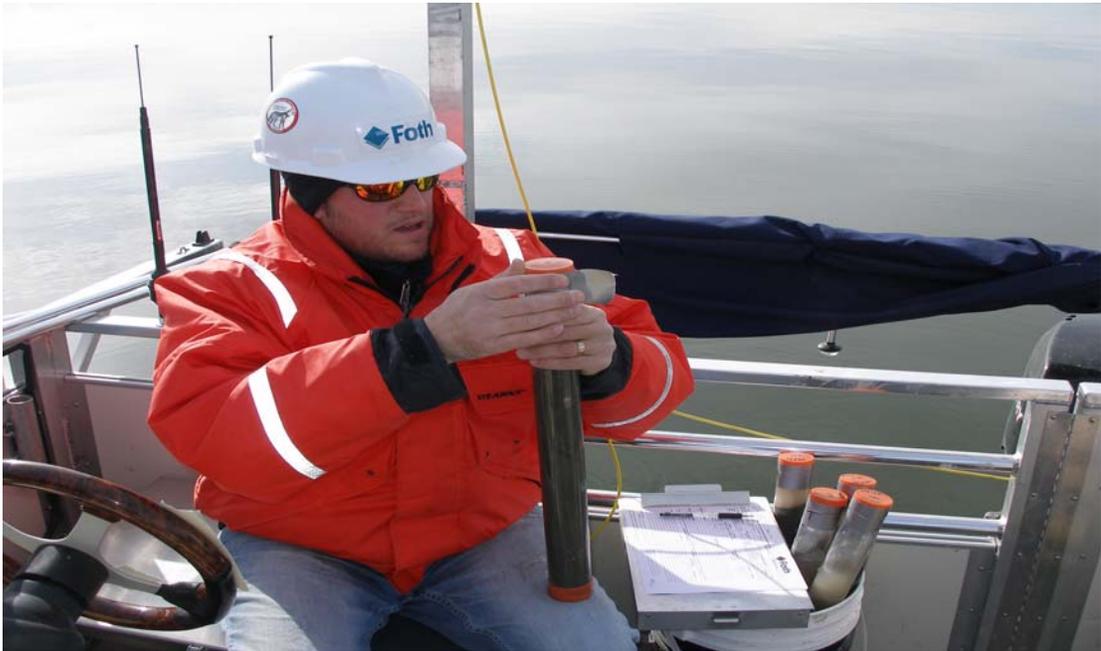
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Photograph 12

Description: Post-dredge water depth and sediment thickness poling.

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Photograph 13

Description: Post-dredge core field preparation.



Photograph 14

Description: Post-dredge coring with RTK GPS in foreground.



Photograph 15

Description: Post-dredge coring with HYPACK<sup>®</sup> navigational software on laptop.



Photograph 16

Description: Post-dredge sample processing in lab – core measurement.



Photograph 17

Description: Post-dredge core measuring and description in lab.



Photograph 18

Description: Sediment thickeners.



Photograph 19

Description: Packed geotextile tubes.



Photograph 20

Description: Geotextile tube roll-out.



Photograph 21

Description: Geotextile tube stacking on dewatering pad.



Photograph 22

Description: Dewatering geotextile tubes on dewatering pad.



Photograph 23

Description: Dewatering pad.

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Photograph 24

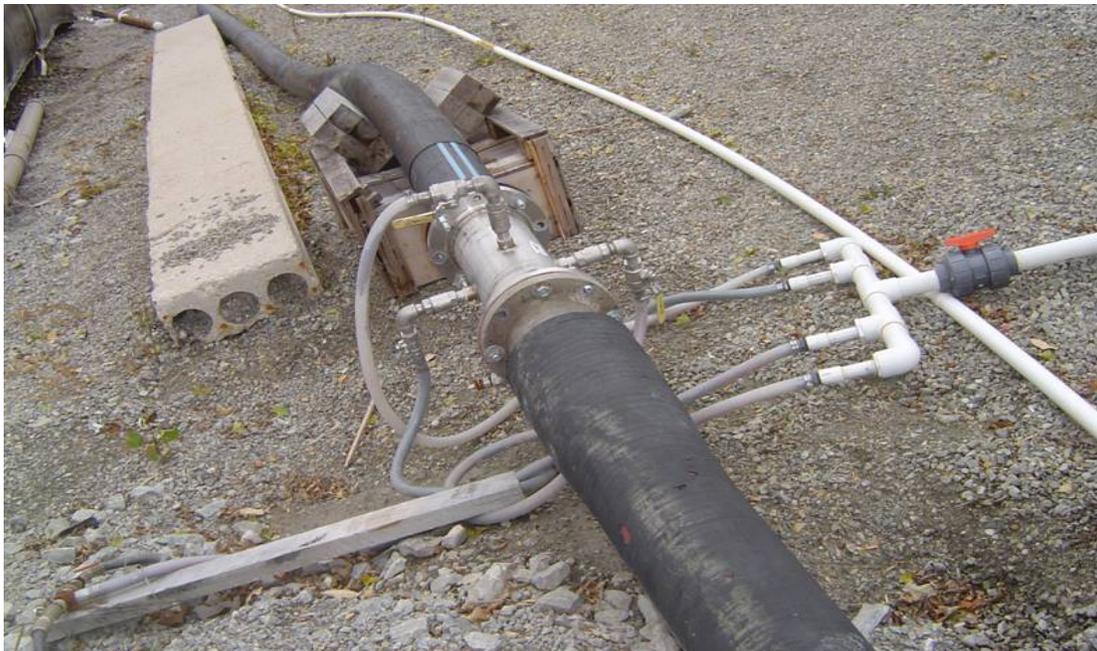
Description: Polymer make-down station.

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Photograph 25

Description: Ferric sulfate tank.



Photograph 26

Description: Polymer injection unit.



Photograph 27

Description: Density loop.



Photograph 28

Description: The decant water discharge basin (commonly referred to as the “hot tub”).



Photograph 29

Description: Vane shear analysis during dewatered sediment sampling.



Photograph 30

Description: Dewatered sediment coring.



Photograph 31

Description: Dewatered sediment field documentation and paint filter testing.



Photograph 32

Description: Sediment screenings stockpile.



Photograph 33

Description: Sediment screenings load-out.

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Photograph 34

Description: Dewatered sediment load-out.

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Photograph 35

Description: Dewatered sediment load-out — truck decontamination.



Photograph 36

Description: The Krofta.



Photograph 37

Description: Inside the Krofta.



Photograph 38

Description: Granular Activated Carbon filters.



Photograph 39

Description: Godwin pumps.



Photograph 40

Description: Turbidity raft 902.



Photograph 41

Description: Field turbidity meter calibration.

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Photograph 42

Description: Surface water sampling with Kemmerer sampler.

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Photograph 43

Description: Composite effluent sampler.



Photograph 44

Description: Composite effluent sample splitting.



Photograph 45

Description: Low-level mercury sampling.

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Photograph 46

Description: Air monitoring station.

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Photograph 47

Description: Sand and gravel pad site excavation.



Photograph 48

Description: Sand and gravel pad construction.



Photograph 49

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Description: Sand stockpile.



Photograph 50

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Description: Sand infeed hopper and incline conveyor belt.



Photograph 51

Description: Sand infeed hopper loading.



Photograph 52

Description: Sand shaker.



Photograph 53

Description: Sand spreading.

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Photograph 54

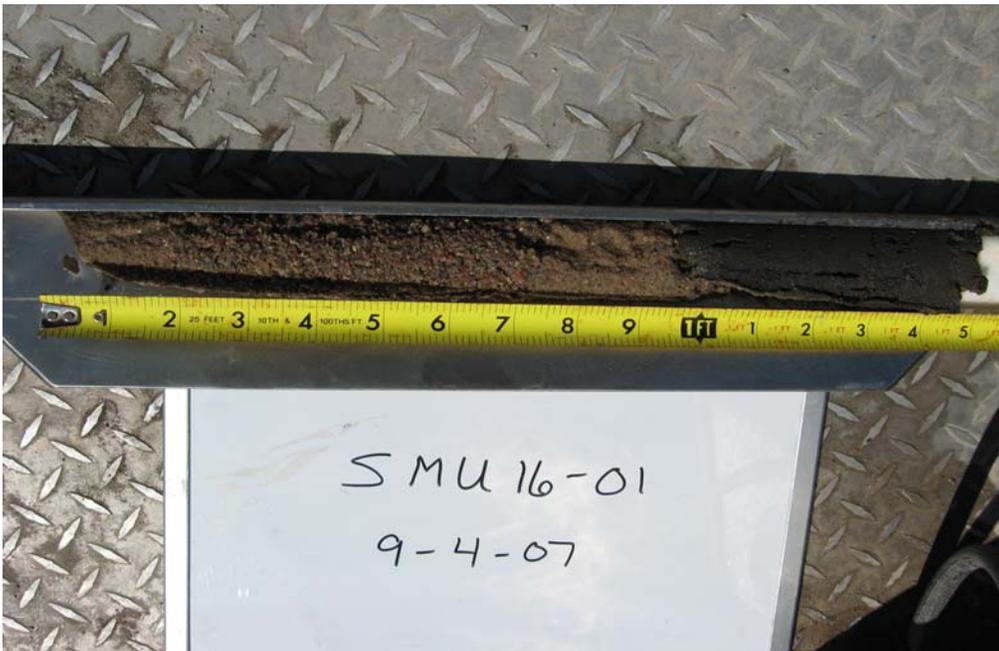
Description: Sand placement sampling with Russian Peat Borer core sampler.

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Photograph 55

Description: Sand placement documentation from Russian Peat Borer.



Photograph 56

Description: Sand placement documentation from Russian Peat Borer.