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REMEDIATION SERVICES, LLC




2011 Northeast Cape HTRW Remedial Actions
November 30, 2011 RAB Meeting – Savoonga, AK
Molly Welker – Bristol Sr. Project Manager



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Overview of Presentation

2011 Field Tasks

- Personnel/Subcontractors
- Mobilization, Equipment & Work Sites
- Debris Removal
- Site 28
- Arsenic Removal at Site 21
- POL-Contaminated Soil Removal
- Continued Monitoring at Site 8 and at the MOC
- PCB-Contaminated Soil Removal
- Roofing Tar Removal



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Bristol Field Personnel

- Site Superintendent
- Foreman
- Administrative Assistant
- Operators/Drivers/Oiler/Mechanic
- Laborers
- Contractor Quality Control Site Manager
- Environmental Scientists/Chemists
- Bear Guard



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Subcontractors

- Bering Air/Security Aviation – *Aircraft charters*
- Eco-Land, LLC – *Surveying*
- Waste Management, Inc. – *Waste management and disposal*
- Fairweather, Inc. – *Infirmary and emergency medical services*
- Global Services, Inc. – *Camp services*
- Northland Services, Inc. – *Marine transportation*
- TestAmerica Laboratories, Inc. – *Analytical testing laboratory*

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Mobilization



Staged equipment on Cargo Beach starting the end of June, 2011.




Global crew set up camp in early July, 2011.



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Equipment Used for Soil Removal



| | |
|------------------------|-------------------------------|
| Excavators | Water Truck |
| Rock Trucks | Grader |
| Heavy Loaders | Roller Compactor |
| Hydraulic Hammer | Rock Screening Plant |
| Pickup Trucks | Side-by-Side Utility Vehicles |
| Extended Boom Forklift | |
| Bulldozers | |





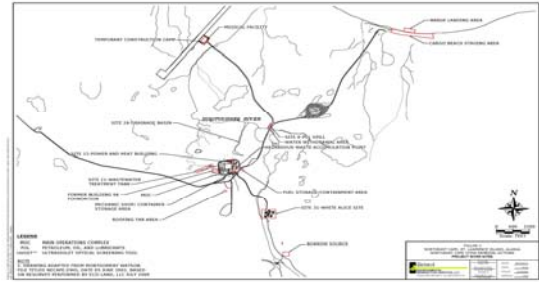

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Equipment



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2011 Site Map



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Work Sites

Temporary Work Camp
Fuel Storage Area
Field Screening Lab
Borrow Pit
Mechanic Shop



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Debris Removal



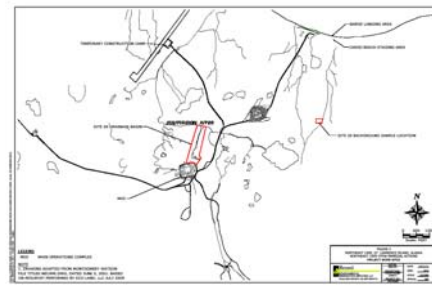
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Roofing Tar Removal



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Site 28 Drainage Basin



12

Site 28 Drainage Basin



13



Site 28 Drainage Basin



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Main Operations Complex



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POL Excavation



16



POL Excavation



17



POL Excavation



18



POL Excavation

19

POL Excavation

20

Site 13 Power & Heat Building

21

Site 13 Power & Heat Building

22

Site 13 Power & Heat Building

23

Site 13 Power & Heat Building

24

Site 13 Power & Heat Building



25



Site 13 Power & Heat Building



26



Site 13 Power & Heat Building



27



Site 31 White Alice Communications Station



28



Site 31 White Alice Communications Station



29



Site 31 White Alice Communications Station



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Site 31 White Alice Communications Station



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Site 31 White Alice Communications Station



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Site 31 White Alice Communications Station



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August 27th Site Visit



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MOC Ground Water Monitoring



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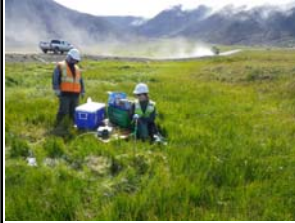
Site 8 Pipeline Break Site



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Site 8 Monitoring



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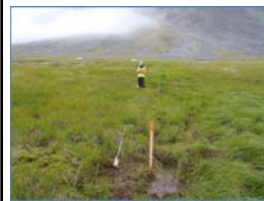
Site 21 Wastewater Treatment Tank



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Site 21 Wastewater Treatment Tank



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Site 21 Wastewater Treatment Tank



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Cargo Beach



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Cargo Beach



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Landing Craft Loading



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Cargo Beach



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Demobilization



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Demobilization



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Summary of 2011 Tasks

- Removal of POL-contaminated Soil from MOC
- Removal of Roofing Tar from Tundra
- Monitor Natural Attenuation at Site 8
- Removal of PCB-contaminated Soil from Sites 13 & 31
- Arsenic-contaminated Soil Remains at Site 21
- Characterization of Site 28
- Continued Ground Water Monitoring at MOC

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Questions and Answers

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