SITE WALKOVER INSPECTION

Abandoned Sulphuric Acid Production Facility

GAC Chemical Corporation Searsport

Oct. 11, 2013

For Internal Use Only - Not For Public Presentation
Suspected pollution areas, GAC Chemical, Kidder Point cove
A= Acid Tank ab'd
B= Eroding tailings
C= Sulfuric acid plant ab'd
D= Eroding tailings 2
E=Tainted runoff 1
F= Tainted runoff 2
G= Low PH intertidal mud
H= Ledge between Runoff 1 & 2
I = Ledge between Runoff 1& cove
Site Walkover Inspection
Performed By

- Wilkes Harper, OHMS II, DEP Main Office
- Karen Knuuti, ESIII, EMRO
- Susanne Miller, Regional Director, EMRO
- John Pond, Senior VP, CES Inc.
Conditions

- Time Of Inspection: Approx. 10AM – 12:15 AM
- Sunny
- Temperatures In The High 60’s F
- Max Low Tide (10:00 AM)
- Light Wind
Looking East Along The Southern Shore
LOOKING NORTH AT THE SOUTHERN SHORE

There Is A Reddish Stain Visible Along The Southern Shoreline
More reddish staining visible along Eastern half of Southern Shore.
Red Staining Appears To Be Iron Leachate.

The Penobscot Formation Underlying Penobscot Bay Contains High Quantities Of Iron Deposits

Note Abundant Marine Life (Rockweek and Bivalves) Present In The Red Staining Zone
Seaweed Grows On Rocky Substrates.

Seaweed Was Observed Growing On Most Every Rocky Surface In The Tidal Flats Along The Southern Shore
A Narrow White Line Was Present Below The High Tide Line Running East And West.

The Nature Of This Material Is Thought To Be Lighter Colored Mud That flowed In With The Tide From Elsewhere In the Bay
The Northern Shore
Looking North From The Eastern-most Point
Abandoned And Plugged Pipe Found On Eastern-most Point
Abandoned Piping Once Used For Offshore Unloading Of Ammonia
Vintage Erosion Control Measures Used Along The Northern Shore

Its Construction Of Wooden Planking Is Now Rotting.

The Bluff Is Beginning To Crumble.
The Abandoned Sulphuric Acid Production Facility

Looking West Towards It’s Eastern Side
The Former Sulphur Storage Area On The East Side Of The Sulphuric Acid Production Facility

Looking South Across It Towards The South Shore Line
Sulphur (Seen As Light Yellow Granules) Is Still Visible On The Ground In The Former Sulphur Storage Area
There Is No Barrier To Surface Water Runoff From The Former Sulphur Storage Area Towards The Southern Shoreline

View Is Looking South
Abandoned Sulfuric Acid Tank

Approx. 220,000 Gallons Capacity

Now Empty

Located On The West Side of the Former Sulphuric Acid Production Facility
Foundation Of The Abandoned Sulphuric Acid Tank

Sand Base Surrounded By A Concrete Ring