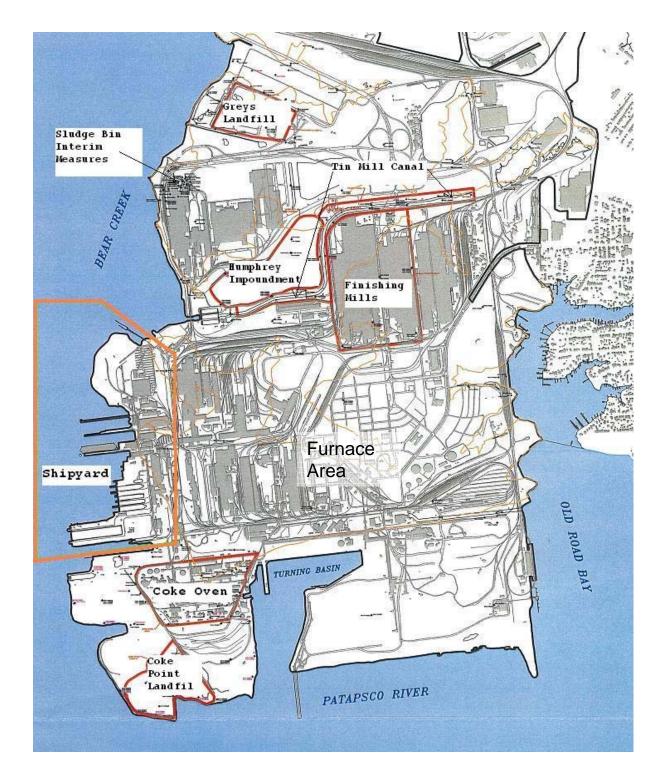


Consent Decree Update Corrective Measures Sparrows Point Steel Mill

Andrew Fan June 24, 2010

Corrective Measures Scope of Work

- Conduct site-wide investigation to
 - identify the extent of contamination
 - assess human health risk
 - assess ecological risk
- Implement interim measures to address releases that require immediate attention
- Perform a Corrective Action Study to indentify a final remedy

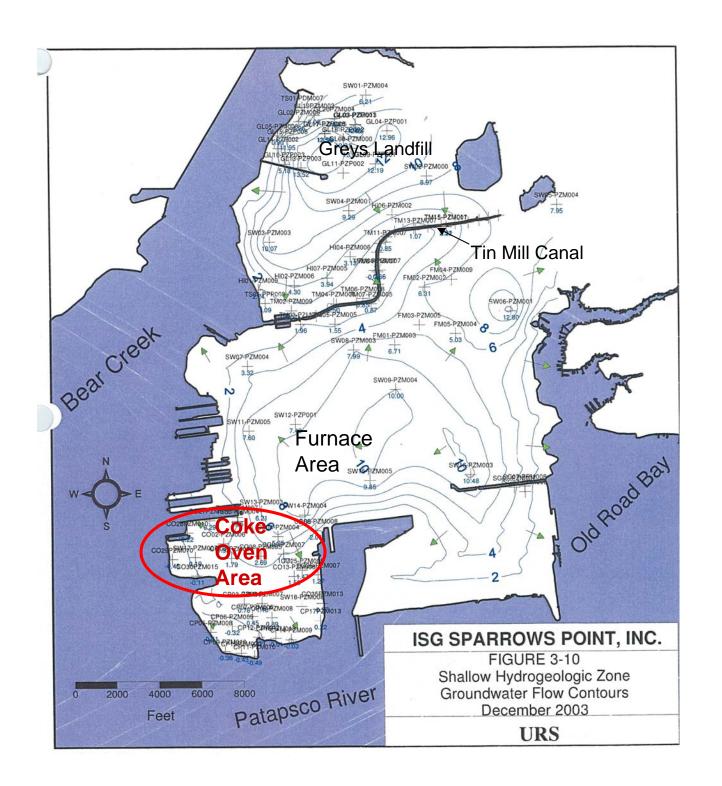


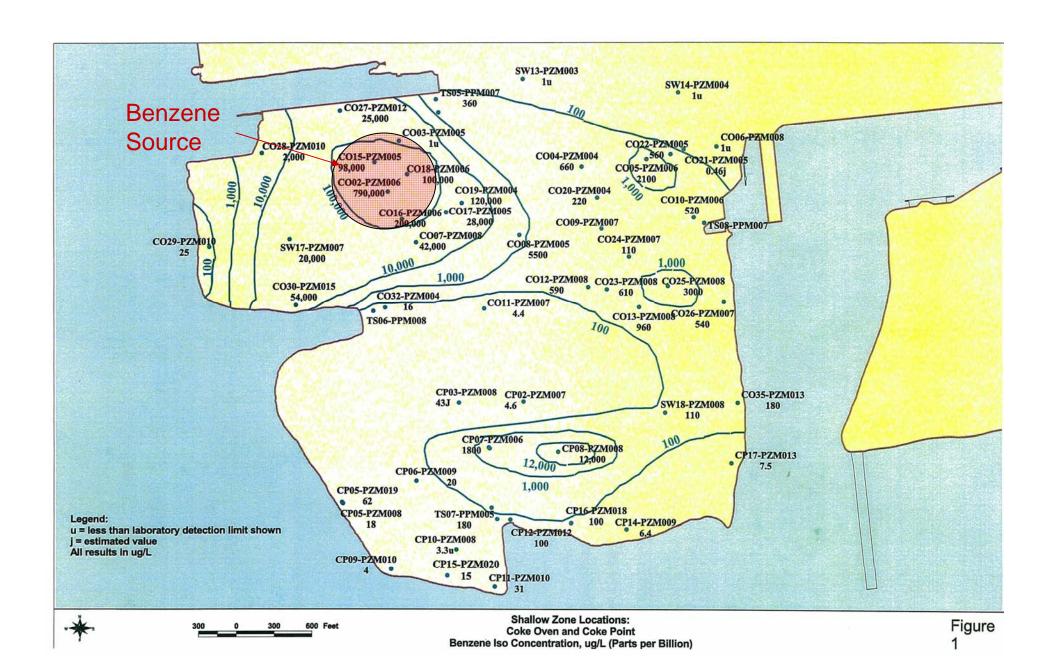
Prioritize investigation in 5 Special Study Areas:

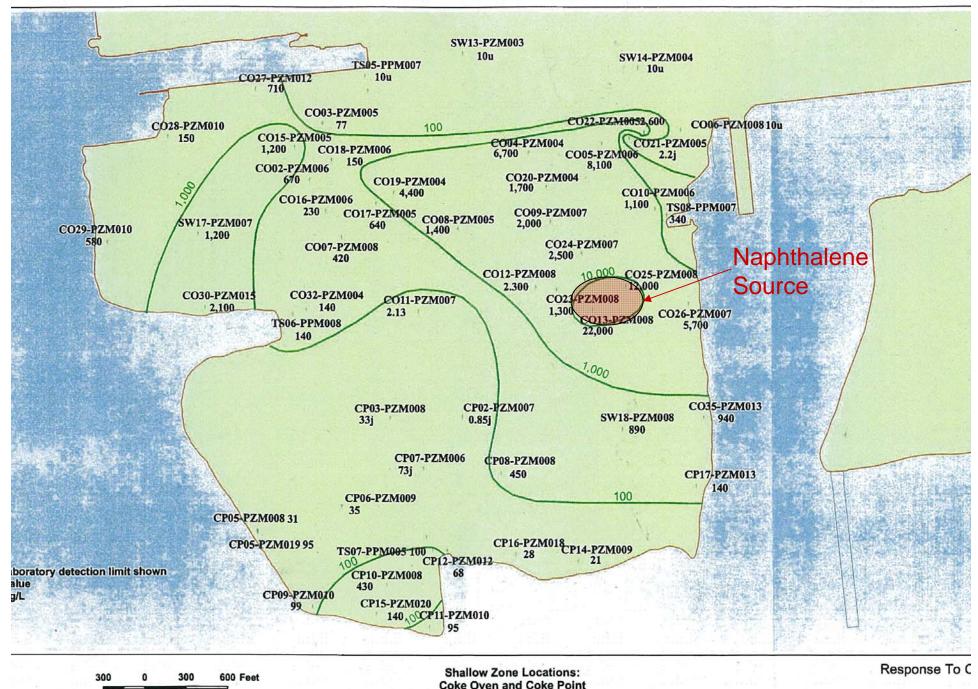
- (1) Greys Landfill
- (2) Till Mill Canal / Finishing Mill Area
- (3) Humphrey Impoundment
- (4) Coke Oven Area
- (5) Coke Point Landfill

Site Wide Investigation Findings

- Investigation of the 5 Special Study Areas was completed in 2006
- A hydrocarbon plume was identified at the Coke Oven Area seeping towards the bay that requires interim action
- The investigation has not revealed significant subsurface contamination in other areas that demand interim action







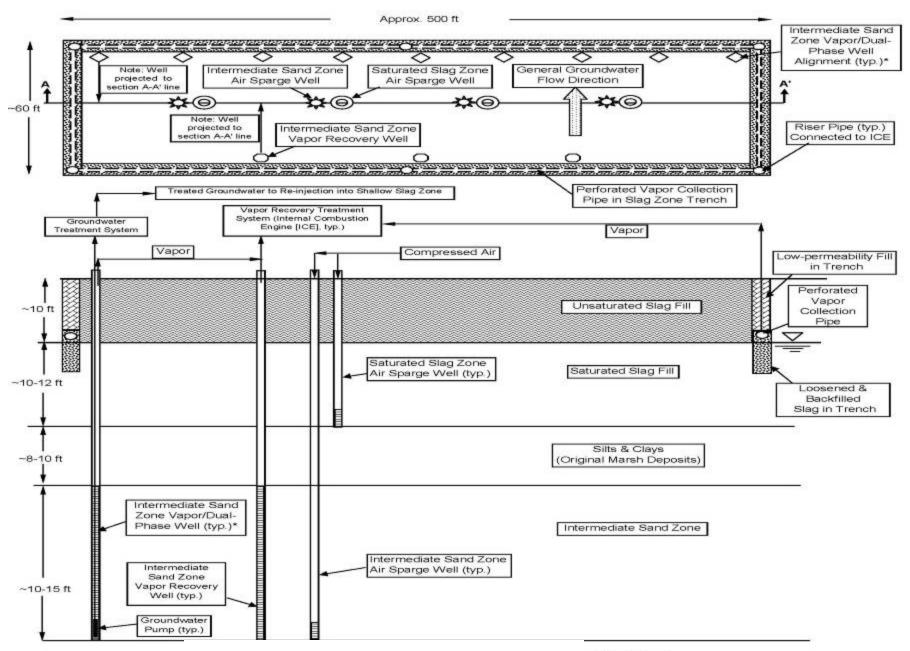
Interim Measures (Coke Oven Area)

- In 2007, a skimmer was installed in one well to recover hydrocarbon product, but the recovery rate was slow and ineffective
- In February 2009, EPA required
 Severstal to implement more aggressive
 measures to recover and contain the
 hydrocarbon plume

Interim Measures (continue)

- In response to EPA's demand, Severstal is finalizing an interim measures plan to install 6 prototype remediation cells
 - The remediation cells employ a combination of technologies: groundwater pumping, vapor extraction, product skimming, air sparging, groundwater reinjection, and enhanced bioremediation

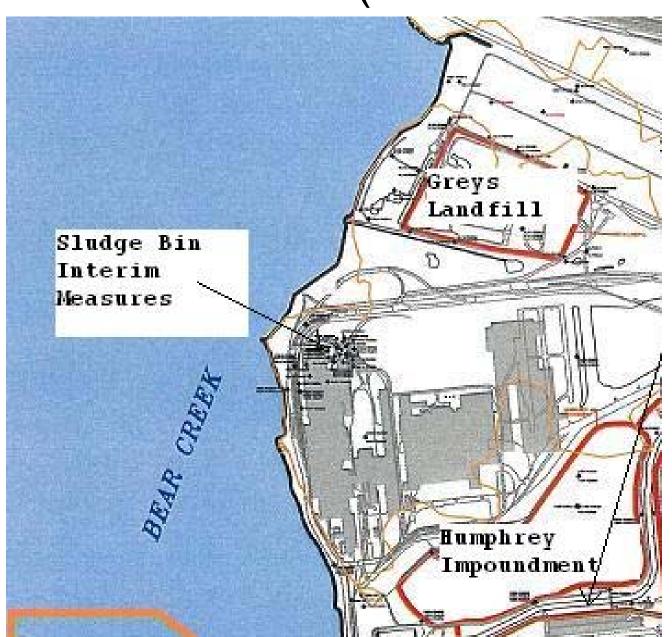








Interim Measures (Rod & Wire Mill)





The upgraded system continues to operate

groundwater



Next Steps

- Develop offshore sampling plan for implementation in 2011
- Severstal has disputed its obligation to perform this offshore sampling.
- EPA and Severstal are currently engaged in the dispute resolution process to resolve this matter
- Pending on the dispute resolution, Severstal is to complete the ecological and human health risk assessments to conclude the site-wide investigation by 2012