

Corrective Actions Update

Former DuPont Waynesboro Plant
October 9, 2013



RCRA CA Process

- On-site (plant) and off-site (river) mercury inputs
- Plant stormwater outfall contributions
- Eroding riverbank contributions
- Interim measures for both inputs
- Formal RCRA CA Process for on-site and off-site
- Future updates



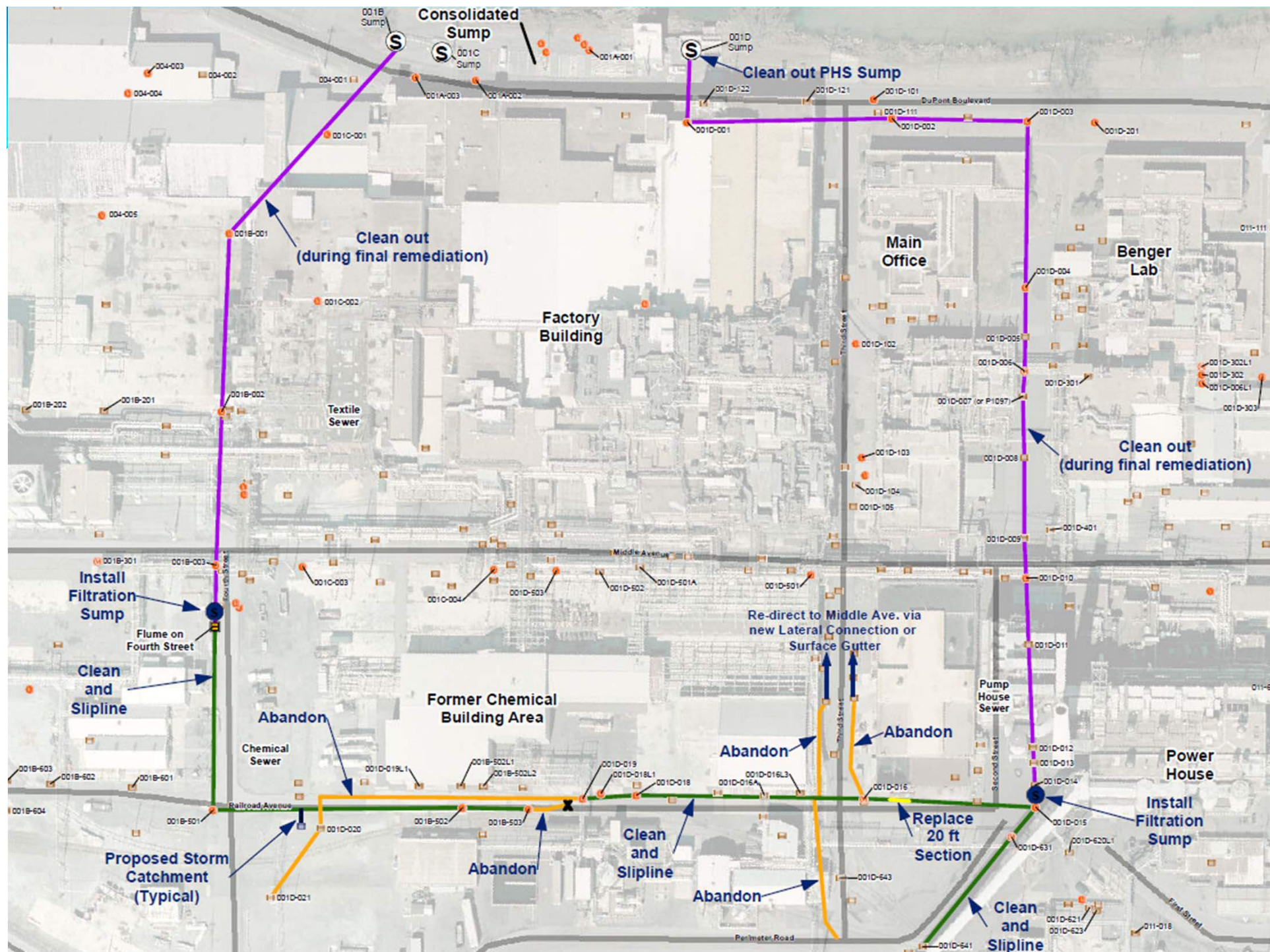
Completed Activities

- RCRA Facility Investigation /Risk Assessment
 - Final submissions and approvals pending
- Stormwater Sewer Investigation
 - Three phases – 2006-2010
- Interim Measures
 - Isolated sources to stormwater sewer – 2010



Current Activities

- Outfall and Groundwater Monitoring
- Railroad Ave. Interim Measures
 - Pre Design
 - Utility, Topo survey – April 2013
 - Smoke testing, CCTV work – June-August 2013
 - Filtration Sumps
 - Bench testing of filtration media – September 2013
 - Design – October-November 2013
 - Install – December-February 2013
 - Abandon, Repair, Re-route Sewers – March April 2014
 - Cleaning, sliplining, PHS Sump cleaning - April-June 2014

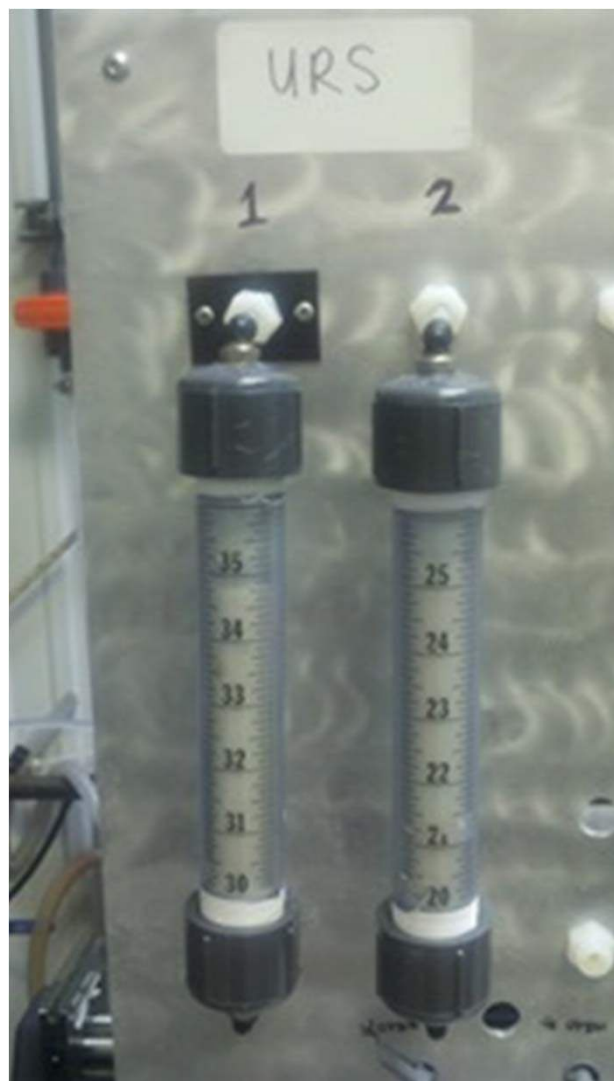


Smoke Testing



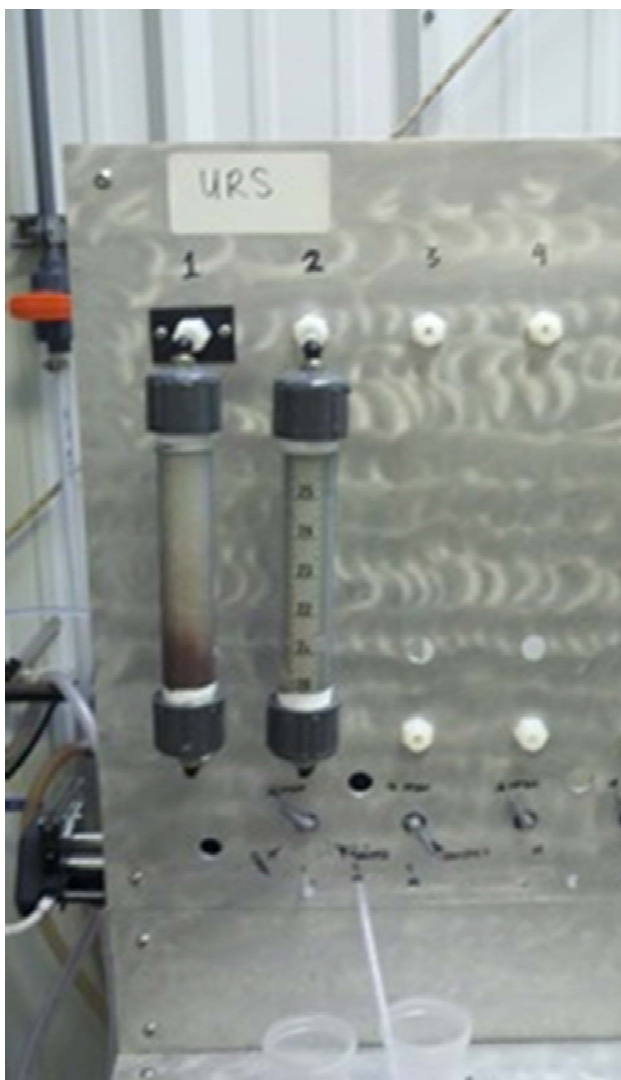
Thiol SAMMS Column Test

T=0

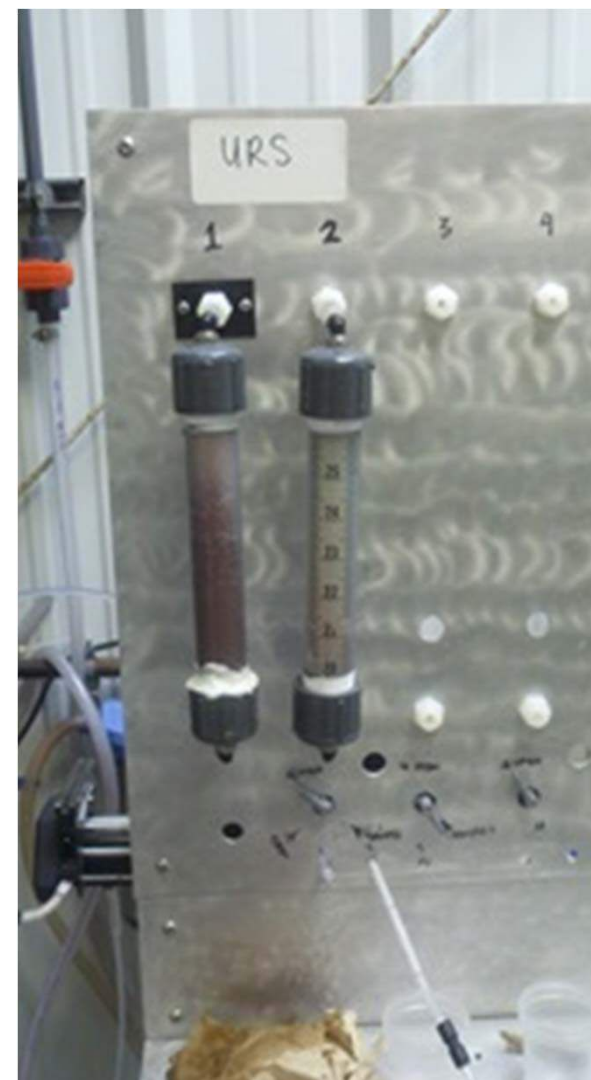


C = 362 ng/l

T= 6.5 hrs



T= 24 hrs



C = 2.6 ng/l



Challenges

- Effects of abandonment on drainage needs
- Underground utilities
- Plant operations and construction
- Flow Management
- Media selection
- Hg Waste Management



Anticipated Schedule

- CMS Report: 4Q13
- Interim Measures Completion – July 2014
- Remedial Design: 2014
- Final Remediation Implementation: 2015-2016



Former DuPont-Waynesboro Facility: Anticipated On-Site and Off-Site Remediation Schedule

