

Pompton Lakes DuPont Works Site

Community Advisory Group Meeting

May 4, 2011

Agencies Responses to CAG Resolutions

- Status of response to January 2011 Unannounced Audit Resolution
- Status of response to March 2011 Technical Assistance Resolution on Ground Water Contaminants of Concern

Agencies Responses to CAG Resolutions (Cont.)

- Determine if the list of ten identified DuPont Contaminants of Concern (COCs) in ground water migrating from the site is a comprehensive list of contaminants in ground water originating from the DuPont site and migrating off-site in Pompton Lakes
- Technical advisor should have experience in hydrogeology, ground water flow and contaminant transport and an understanding of the chemistry of the contaminants and degradation pathways

Contaminants of Concern

1. carbon tetrachloride
2. 1,1-dichloroethane
3. 1,2-dichloroethane
4. 1,1-dichloroethene
5. 1,2-dichloroethene (cis)
6. 1,2-dichloroethene (trans)
7. tetrachloroethene (PCE)
8. 1,1,1-trichloroethane
9. trichloroethene (TCE)
10. vinyl chloride

Agencies Responses to CAG Resolutions

- Review of submitted remediation documents, including recent and historic on- and off-site GW monitoring analytical results and on-site soil analytical results
- Sample collection and analysis by the technical expert is not a part of the scope of work, just as under the TAG program
- Recommendations for additional sampling could be identified

Agencies Responses to CAG Resolutions (Cont.)

- The process has started at EPA Headquarters
- Once the list of review documents is identified and input obtained from the CAG (Technical Work Group), the task budget, schedule and work order can be finalized and an expert identified by Skeo
- Expert conducts review of information, reports and prepares a written summary
- Expert invited to a future CAG meeting to discuss the review findings and possible recommendations

Agencies Responses to CAG Resolutions (cont.)

- Examples of submitted documents:
 - annual ground water monitoring reports (1993 – 2010)
 - 1995 Comprehensive Ground Water Monitoring Report
 - 2009 split sampling event & May 2011 split sampling
 - documents containing chain of custody, data validation information
 - other reports?? 1989 Operational History Report?
RFI report for the Eastern Manufacturing Area?

May 10 CAG Site Tour

- For CAG Members, Alternates and government officials
- 2:00 to 6:00 PM
- Be at gate on Cannonball Road at 1:45
- May 12 is rain date

May 10 CAG Site Tour (cont)

- Preparing for the tour:
 - skim through the June 2010 draft RCRA Facility Investigation Reports (RFIs) for the three areas of the site: Eastern, Western and Northern Manufacturing Areas
- RFI reports will acquaint you with the 205 Areas of Concern (AOCs): Lists each AOC in a table along with the status of work in that AOC. Has of map of AOCs
- EPA's RCRA Permit compliance schedule has required schedule of major soils investigation and cleanup activities related to the AOCs

Site Manufacturing Areas

- Northern Manufacturing Area (Wanaque River Valley): 2 Areas of Concern (70 acres)
- Western Manufacturing Area: 29 Areas of Concern (56 acres)
- Eastern Manufacturing Area: 174 AOCs (254 acres)



LEGEND

- ① Former Western Valley Manufacturing Area
- ② Former Eastern Valley Manufacturing Area
- ③ Former Northern Manufacturing Area
- ④ Offsite Groundwater Area
- ⑤ Offsite Wanaque River Area
- ⑥ Pompton Lakes Delta Area

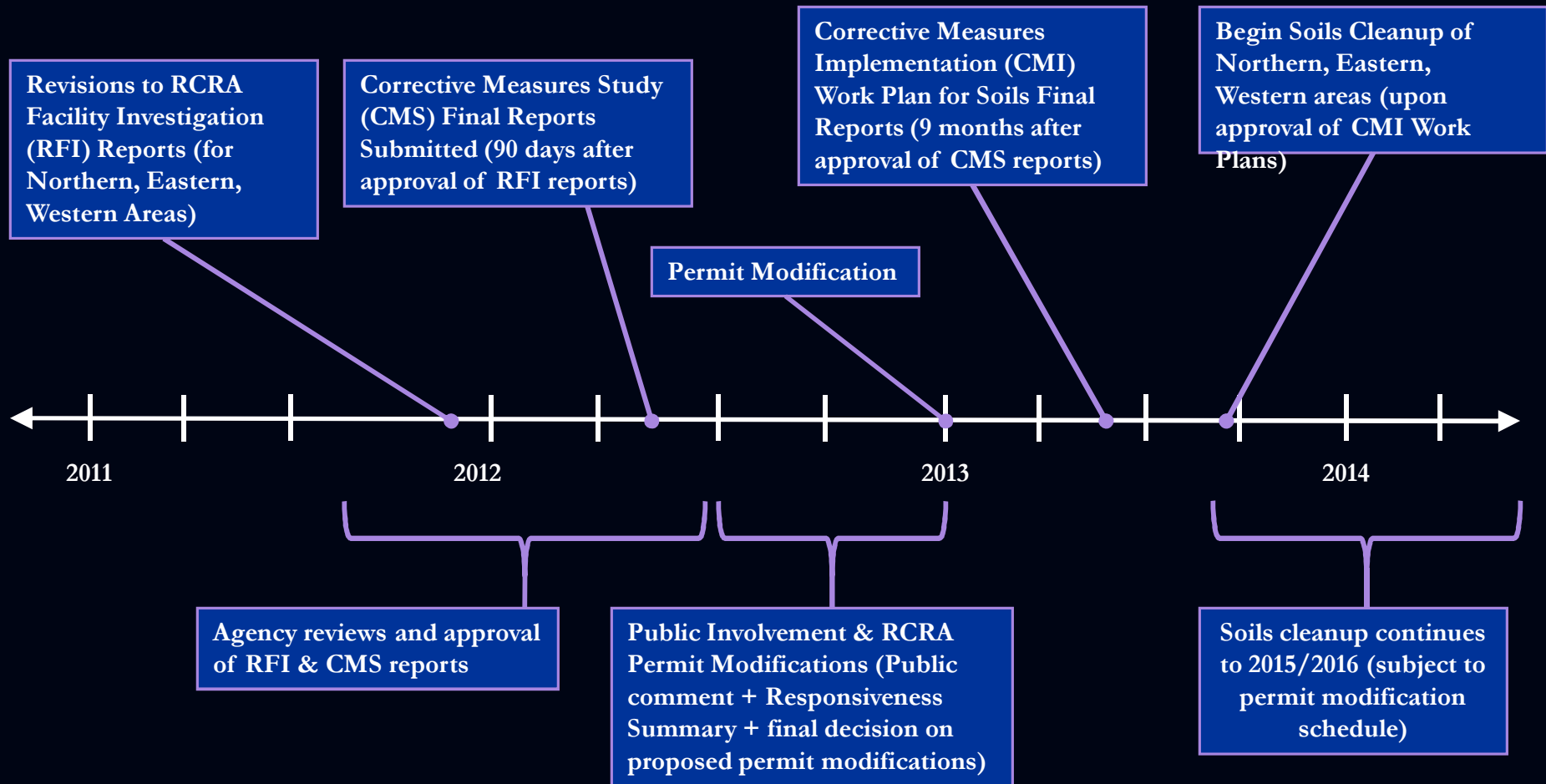


Remediation of the Site Areas of Concern

- RCRA Permit
 - RFI Report Approval
 - Corrective Measures Study
 - Permit Modification
 - Corrective Measures Implementation Work Plan
 - Soils cleanup starts after CMI Work Plan Approved
 - Work subject to compliance schedule in permit
 - Site restoration work commences after soils cleaned up

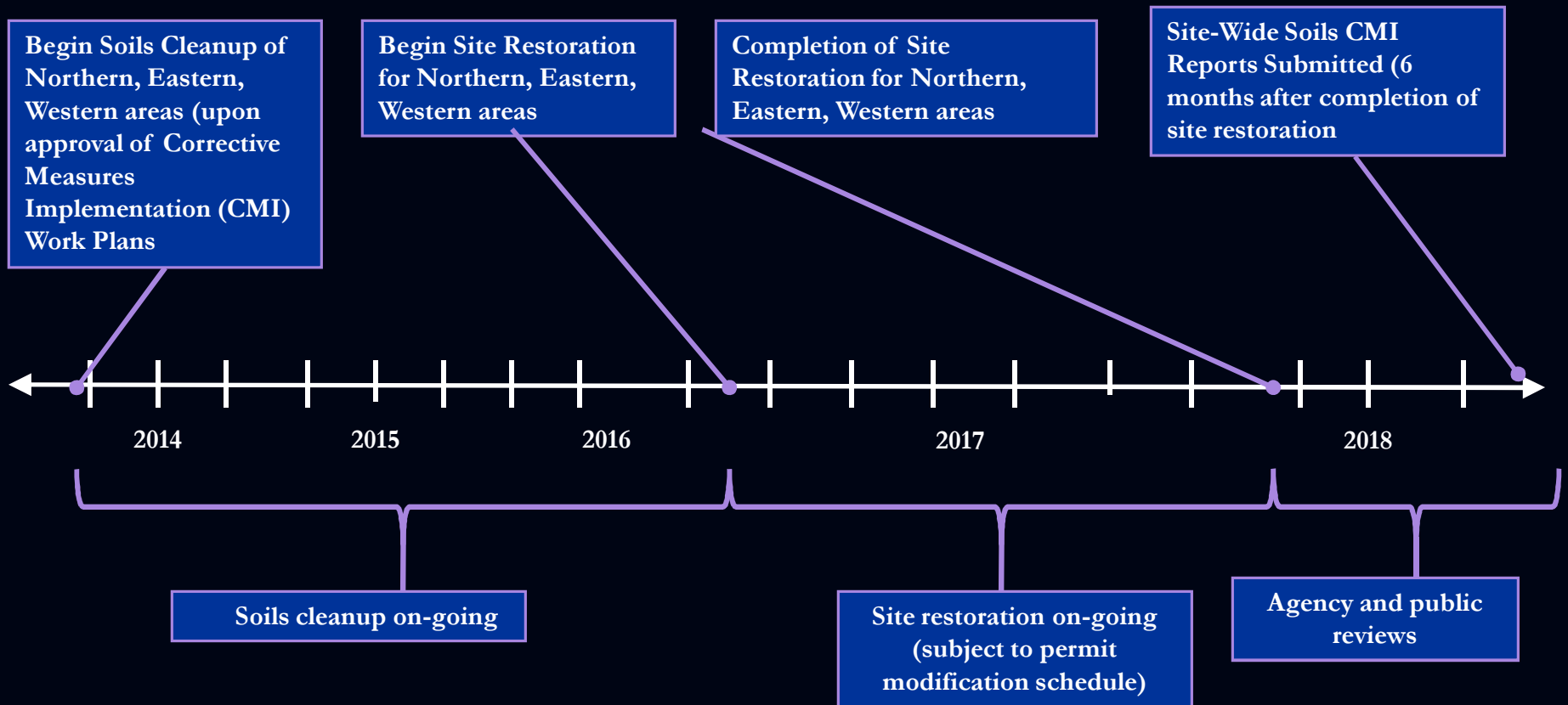
DuPont Cleanup

Soils Cleanup: Northern, Eastern & Western Manufacturing Areas



DuPont Cleanup

Site Restoration of Northern, Eastern & Western Manufacturing Areas



Technical Work Group Report Out

Sole Source Aquifer

- EPA has an aquifer protection program. It protects drinking water obtained from the ground
- Aquifer underlying Pompton Lakes has been designated by EPA as a sole source aquifer
- If federal loans or grants are used in a project, a formal review of potential impacts to the sole source aquifer and possibly a broader NEPA review would be required
- No federal loans or grants are being used in the remediation of the DuPont Pompton Lakes Works site
- Examples of federal loans or grants: highway exit ramps, federal housing projects, etc.

Sole Source Aquifer (cont.)

- In recognition of the sole source status of the underlying aquifer, EPA will take all necessary actions to ensure the protection of the aquifer during remediation of contamination in the on-site and off-site areas

Lake Work Group Report Out

Pompton Lake Reservoir Status

EPA Report Out

