

On-Site Corrective Actions Update

Former DuPont Waynesboro Plant
October 21, 2015

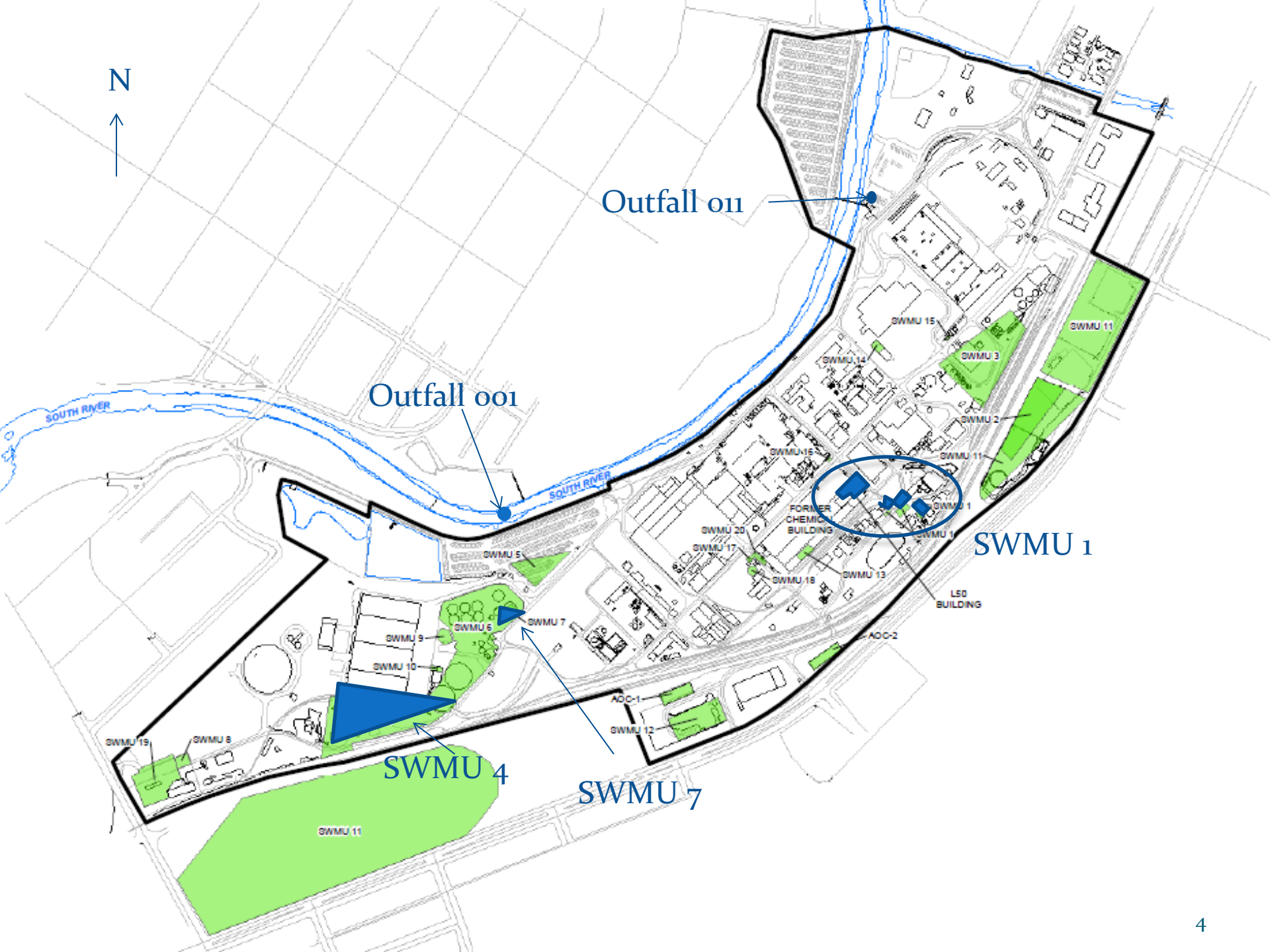
Introduction

- Background
- Actions Completed
- Activities in 2015
- Future Activities



Background

- RCRA Facility Investigation (RFI)
 - Conducted 2001 - 2010
 - Approved in 2015
- Findings
 - Hg in former structures (SWMU's 1 and 4)
 - Sources have impacted storm sewer – outfall discharges
 - Impacted groundwater contained by pumping



Actions Completed

- Interim Measures (2010)
- Sewer Investigation (2010)
- Railroad Ave Interim Measures (2014)

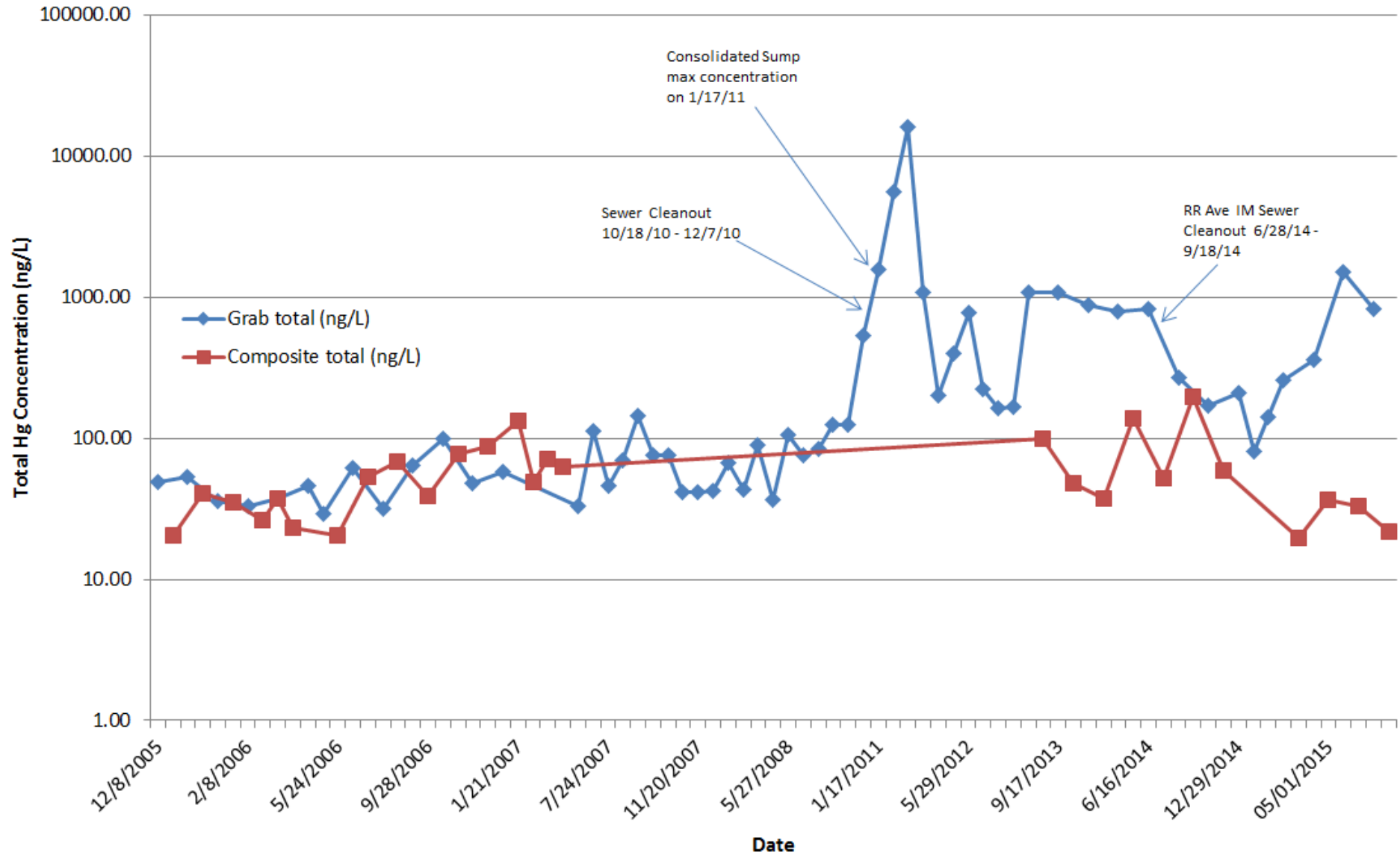




Outfall 001

Baseflow Total Hg Concentrations

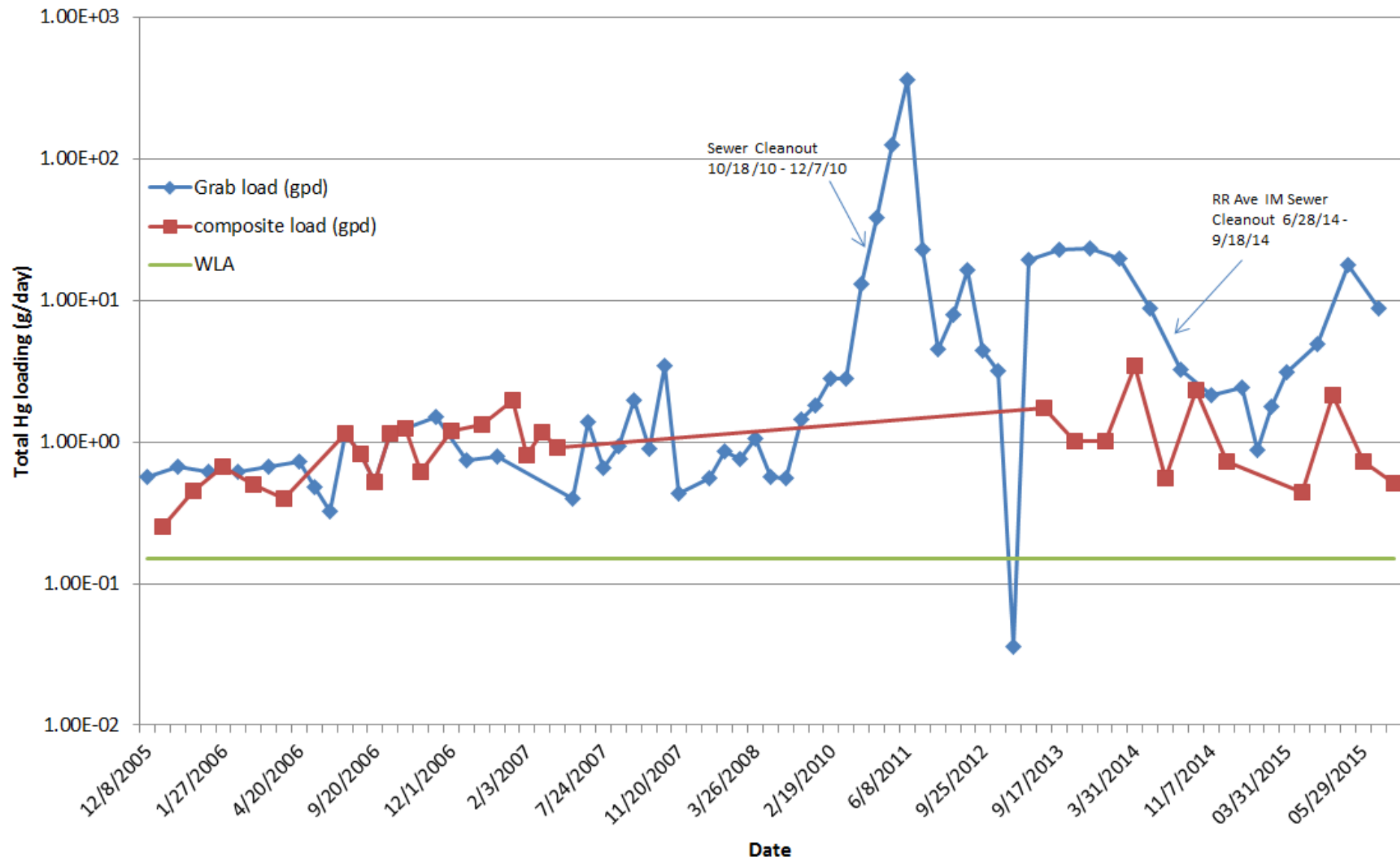
Waynesboro Plant



Outfall 001

Baseflow Total Hg Loading

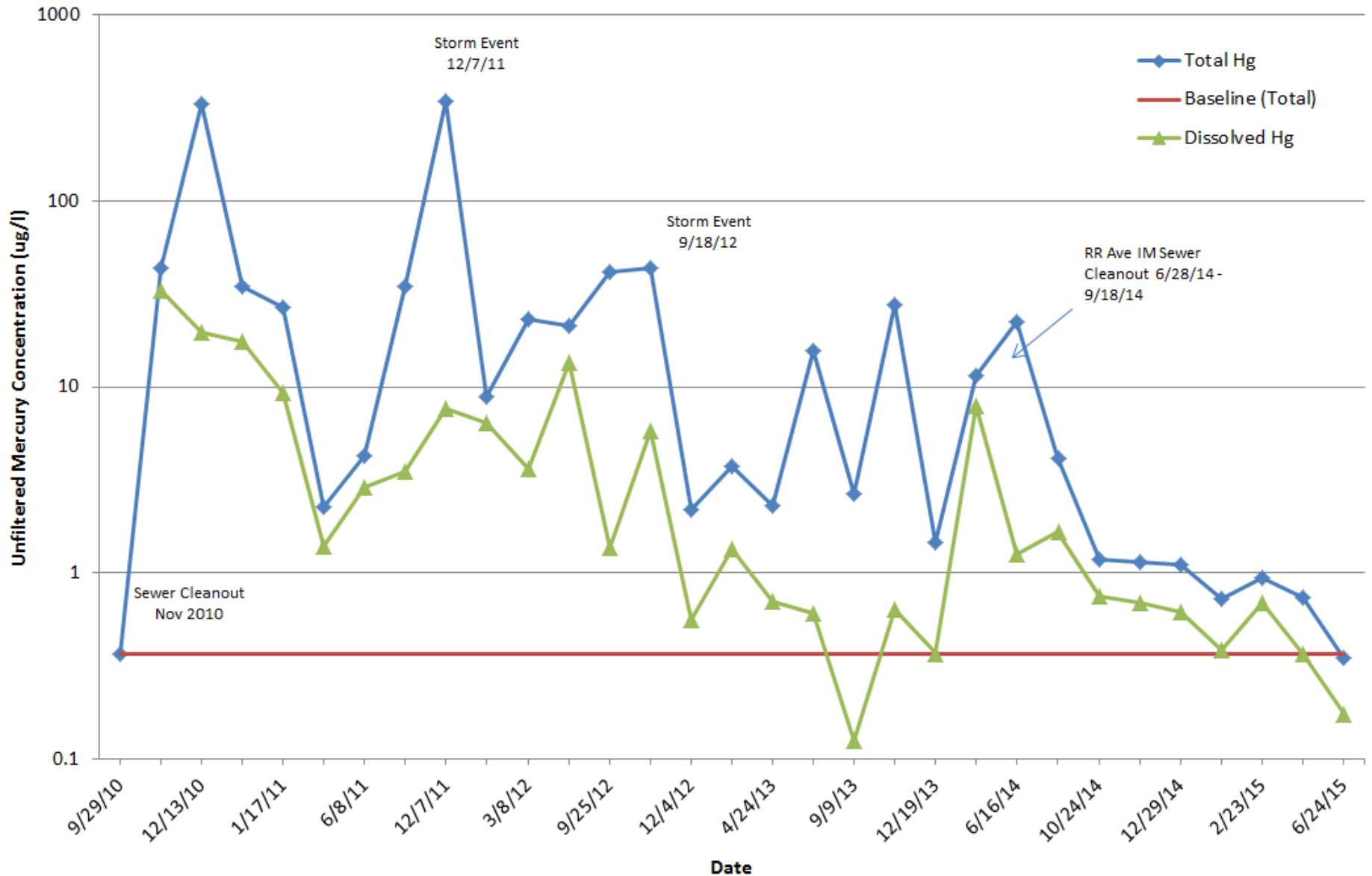
Waynesboro Plant



Post IM Monitoring Results

Pumphouse Sewer, Downstream - 001D-015

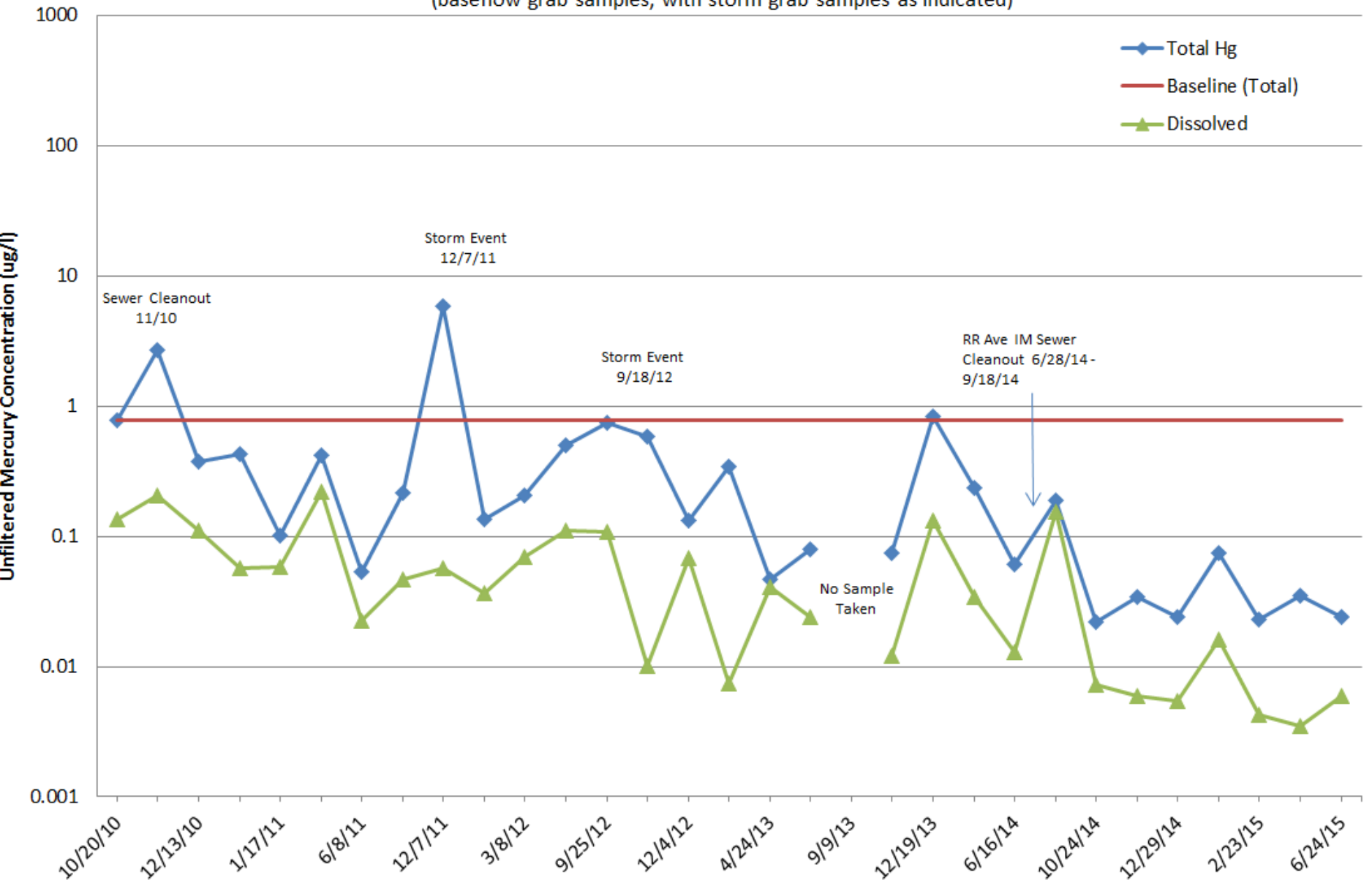
(baseflow grab samples, with storm grab samples as indicated)



Post IM Monitoring Results

Chemical Sewer, Downstream - 001B-501

(baseflow grab samples, with storm grab samples as indicated)



2015 Activities

- Submitted CMS
- Monthly Outfall Monitoring
- Semiannual Groundwater Monitoring

Future Activities

- Corrective Measures Implementation (CMI) - Proposed
 - Source area removals in SWMU 1
 - Maintain pumping to control gradient at SWMU 1
 - Capping, drainage control at SWMU 4
 - Institutional controls for SWMU 7 groundwater

Questions?