
Amtrak Wilmington PMP Activities

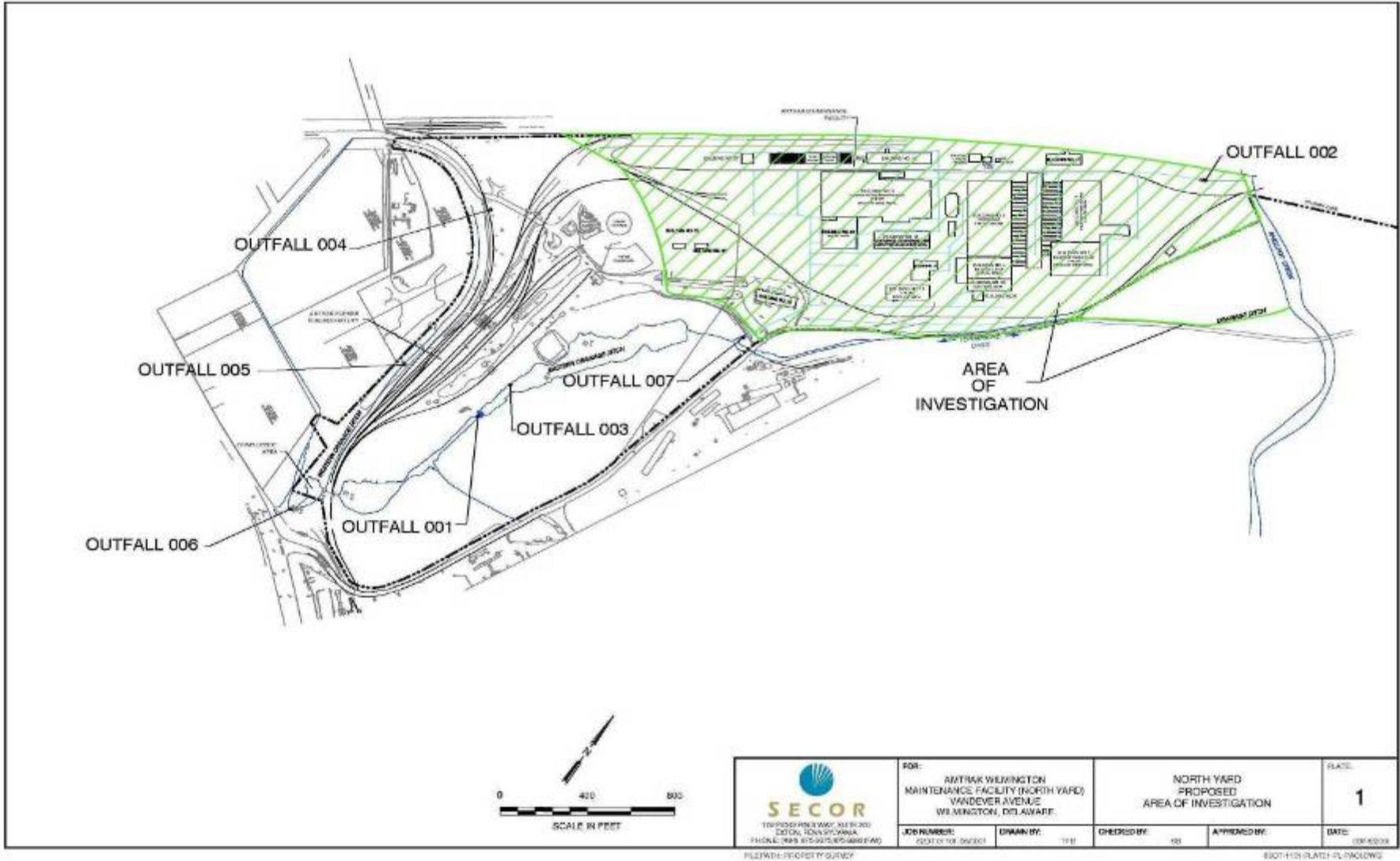
Craig Caldwell
Environmental Superintendent



Wilmington Shops Location



Site Plan



 TOP DESIGN GROUP, LLC 1100 N. 10TH STREET WILMINGTON, DE 19801	FOR: AMTRAK WILMINGTON MAINTENANCE FACILITY (NORTH YARD) WANDEVER AVENUE WILMINGTON, DELAWARE	NORTH YARD PROPOSED AREA OF INVESTIGATION	SCALE: 1
	JOB NUMBER: 0207-01-01-06/001	DRAWN BY: TFB	CHECKED BY: JES
FILE PATH: PROJECT BY SURVEY			DATE: 03/16/2009



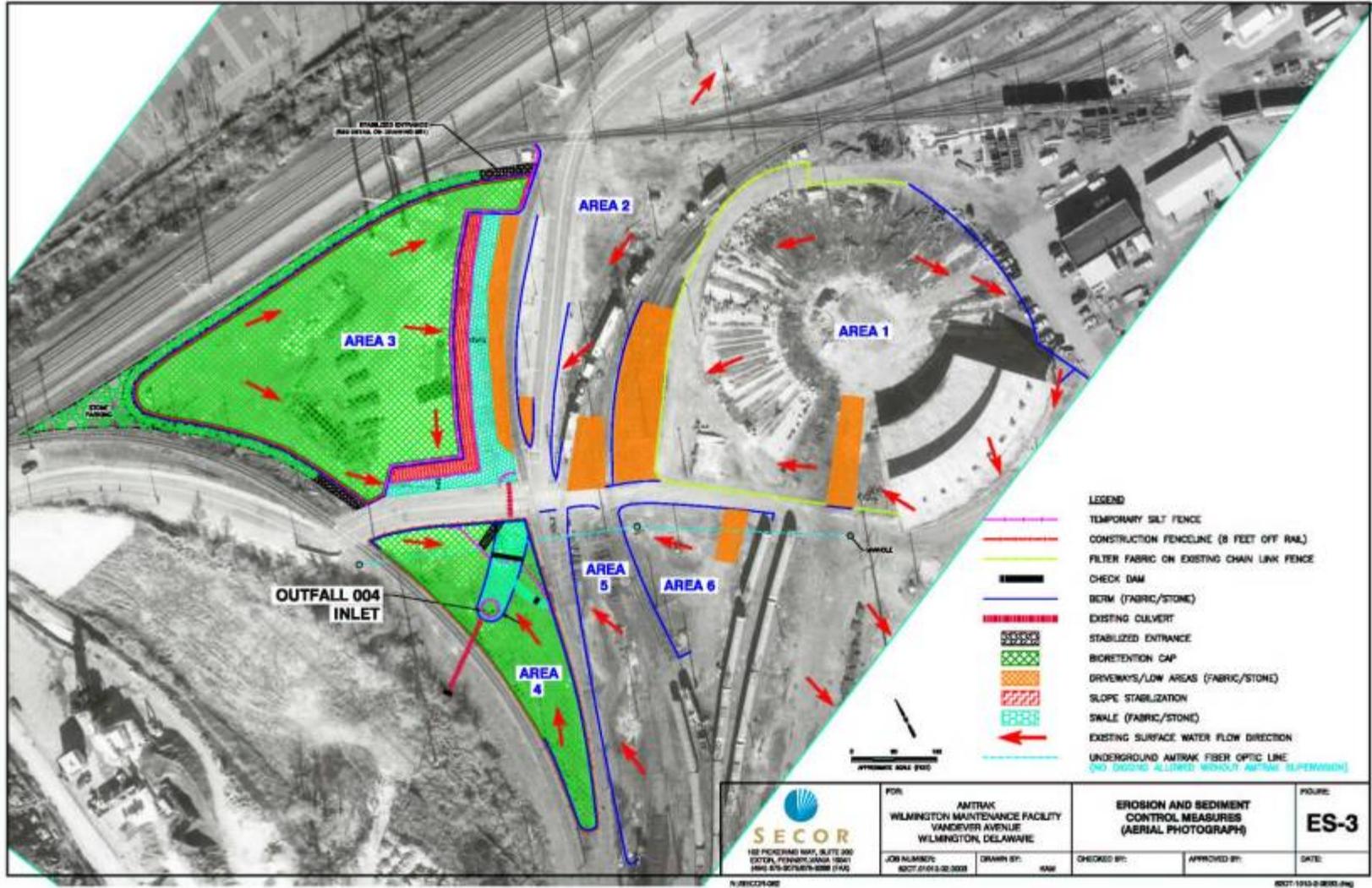
Historic Operations



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Erosion and Sediment Control Measures



Outfall 4 Area – Before and After



Outfall 4 Area



Results of Outfall 4 Work

- Baseline Loading was 1719 mg/day
- 2011 Loading was 112 mg/day
- **93% Loading Reduction** for Outfall 004
- Achieved through capping, vegetation and other erosion control measures

Storm Sewer Cleaning



Results of Storm Sewer Cleaning Work

- Removed 45 tons of PCB containing Sediments
- Removed 3.1 lbs of PCBs
- Other Cleaning Projects Include:
 - Paint Shop
 - South Yard Track
 - Track 13 Pit
 - Steam Bay
 - DAF System
- Cleaning of Outfall 007 system is planned

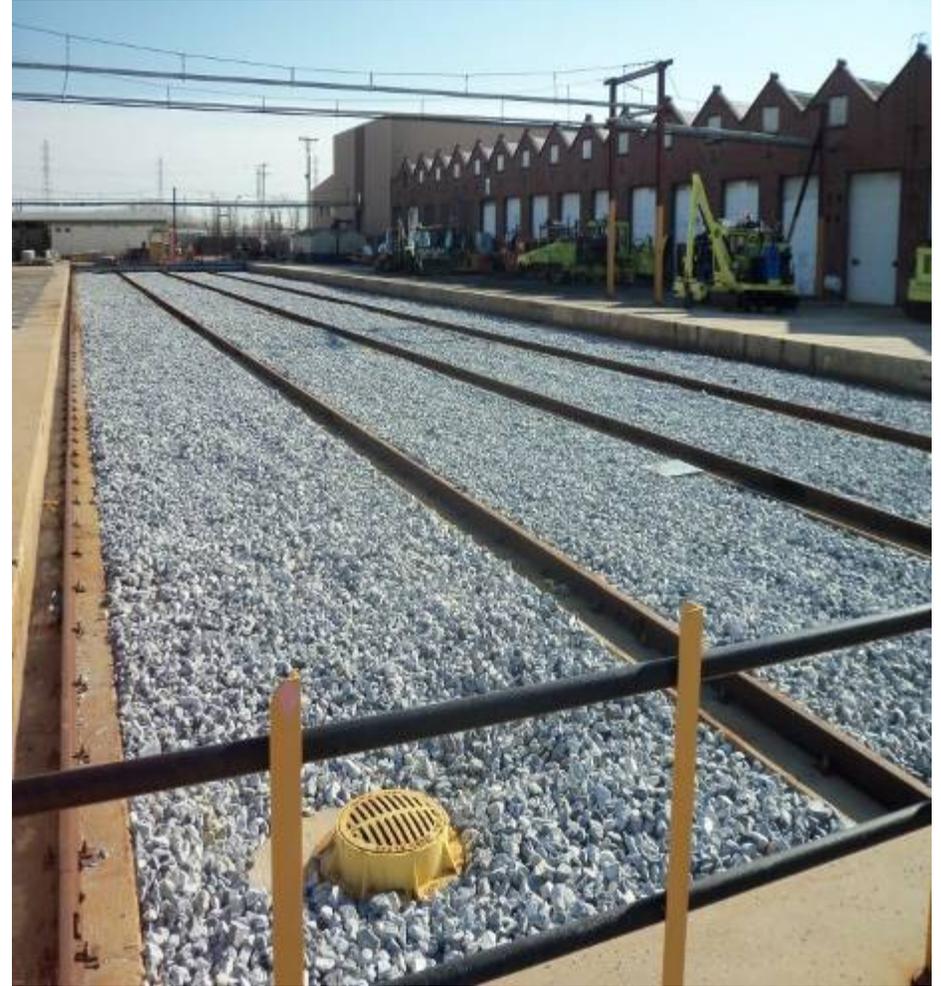
Outfall 2 improvements



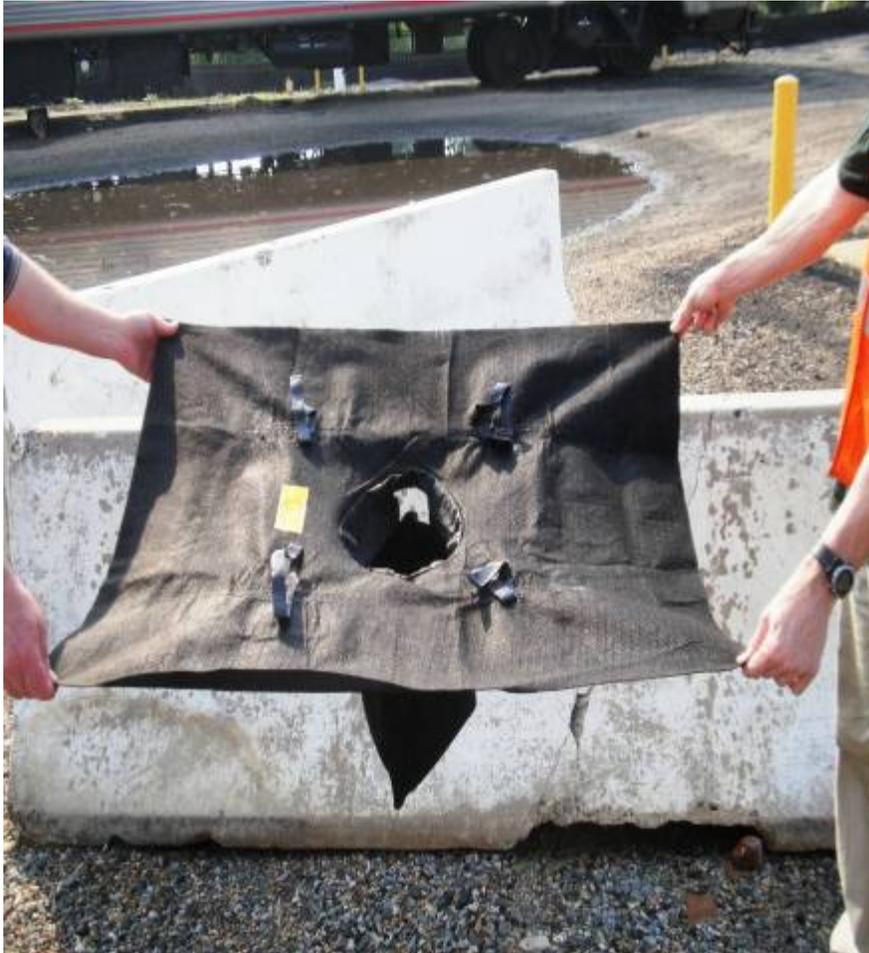
Transfer Table Project



More Transfer Table Photos



Inlet Protection Filters



Other Erosion Control Projects



Summary

- Baseline Loading 2094 mg/day
- 2011 Loading 473 mg/day
- **Loading has been reduced 77% from Baseline**
- Various projects since 2005 have resulted in the removal of:
 - 118,000 gallons of PCB containing liquids
 - 7500 tons of PCB containing solids
 - **4309 lbs of PCBs**