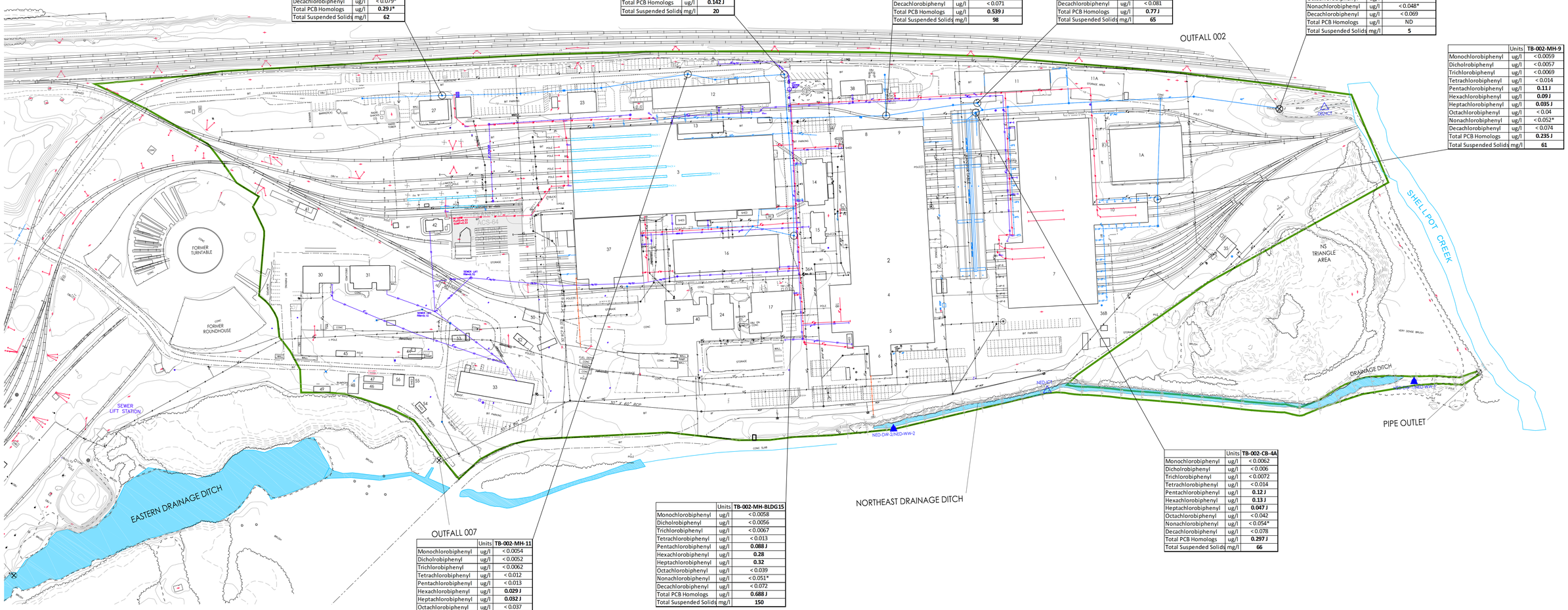

	Units	TB-002-CB-14
Monochlorobiphenyl	ug/l	< 0.0064*
Dicholrobiphenyl	ug/l	< 0.0061*
Trichlorobiphenyl	ug/l	< 0.0074*
Tetrachlorobiphenyl	ug/l	< 0.015*
Pentachlorobiphenyl	ug/l	< 0.016*
Hexachlorobiphenyl	ug/l	**0.16 J***
Heptachlorobiphenyl	ug/l	**0.13 J***
Octachlorobiphenyl	ug/l	< 0.043*
Nonachlorobiphenyl	ug/l	< 0.056*
Decachlorobiphenyl	ug/l	< 0.079*
Total PCB Homologs	ug/l	**0.29 J***
Total Suspended Solids	mg/l	**62**

	Units	TB-002-CB-9
Monochlorobiphenyl	ug/l	< 0.006
Dicholrobiphenyl	ug/l	< 0.0058
Trichlorobiphenyl	ug/l	< 0.007
Tetrachlorobiphenyl	ug/l	< 0.014
Pentachlorobiphenyl	ug/l	< 0.15
Hexachlorobiphenyl	ug/l	**0.097 J**
Heptachlorobiphenyl	ug/l	**0.045 J**
Octachlorobiphenyl	ug/l	< 0.041
Nonachlorobiphenyl	ug/l	< 0.053*
Decachlorobiphenyl	ug/l	< 0.075
Total PCB Homologs	ug/l	**0.142 J**
Total Suspended Solids	mg/l	**20**

	Units	TB-002-MH-BLDG9
Monochlorobiphenyl	ug/l	< 0.0057
Dicholrobiphenyl	ug/l	< 0.0055
Trichlorobiphenyl	ug/l	< 0.0066
Tetrachlorobiphenyl	ug/l	< 0.013
Pentachlorobiphenyl	ug/l	**0.059 J**
Hexachlorobiphenyl	ug/l	**0.25**
Heptachlorobiphenyl	ug/l	**0.23 J**
Octachlorobiphenyl	ug/l	< 0.038
Nonachlorobiphenyl	ug/l	< 0.049*
Decachlorobiphenyl	ug/l	< 0.071
Total PCB Homologs	ug/l	**0.539 J**
Total Suspended Solids	mg/l	**98**

	Units	TB-002-MH-17
Monochlorobiphenyl	ug/l	< 0.0065
Dicholrobiphenyl	ug/l	< 0.0063
Trichlorobiphenyl	ug/l	< 0.0076
Tetrachlorobiphenyl	ug/l	< 0.015
Pentachlorobiphenyl	ug/l	**0.29**
Hexachlorobiphenyl	ug/l	**0.35**
Heptachlorobiphenyl	ug/l	**0.13 J**
Octachlorobiphenyl	ug/l	< 0.044
Nonachlorobiphenyl	ug/l	< 0.057*
Decachlorobiphenyl	ug/l	< 0.081
Total PCB Homologs	ug/l	**0.77 J**
Total Suspended Solids	mg/l	**65**

	Units	TB-002-Outfall
Monochlorobiphenyl	ug/l	< 0.0055
Dicholrobiphenyl	ug/l	< 0.0053
Trichlorobiphenyl	ug/l	< 0.0064
Tetrachlorobiphenyl	ug/l	< 0.013
Pentachlorobiphenyl	ug/l	< 0.014
Hexachlorobiphenyl	ug/l	< 0.015
Heptachlorobiphenyl	ug/l	< 0.03
Octachlorobiphenyl	ug/l	< 0.037
Nonachlorobiphenyl	ug/l	< 0.048*
Decachlorobiphenyl	ug/l	< 0.069
Total PCB Homologs	ug/l	ND
Total Suspended Solids	mg/l	**5**

	Units	TB-002-MH-9
Monochlorobiphenyl	ug/l	< 0.0059
Dicholrobiphenyl	ug/l	< 0.0057
Trichlorobiphenyl	ug/l	< 0.0069
Tetrachlorobiphenyl	ug/l	< 0.014
Pentachlorobiphenyl	ug/l	**0.11 J**
Hexachlorobiphenyl	ug/l	**0.09 J**
Heptachlorobiphenyl	ug/l	**0.035 J**
Octachlorobiphenyl	ug/l	< 0.04
Nonachlorobiphenyl	ug/l	< 0.052*
Decachlorobiphenyl	ug/l	< 0.074
Total PCB Homologs	ug/l	**0.235 J**
Total Suspended Solids	mg/l	**61**

	Units	TB-002-CB-4A
Monochlorobiphenyl	ug/l	< 0.0062
Dicholrobiphenyl	ug/l	< 0.006
Trichlorobiphenyl	ug/l	< 0.0072
Tetrachlorobiphenyl	ug/l	< 0.014
Pentachlorobiphenyl	ug/l	**0.12 J**
Hexachlorobiphenyl	ug/l	**0.13 J**
Heptachlorobiphenyl	ug/l	**0.047 J**
Octachlorobiphenyl	ug/l	< 0.042
Nonachlorobiphenyl	ug/l	< 0.054*
Decachlorobiphenyl	ug/l	< 0.078
Total PCB Homologs	ug/l	**0.297 J**
Total Suspended Solids	mg/l	**66**

	Units	TB-002-MH-11
Monochlorobiphenyl	ug/l	< 0.0054
Dicholrobiphenyl	ug/l	< 0.0052
Trichlorobiphenyl	ug/l	< 0.0062
Tetrachlorobiphenyl	ug/l	< 0.012
Pentachlorobiphenyl	ug/l	< 0.013
Hexachlorobiphenyl	ug/l	**0.029 J**
Heptachlorobiphenyl	ug/l	**0.032 J**
Octachlorobiphenyl	ug/l	< 0.037
Nonachlorobiphenyl	ug/l	< 0.047*
Decachlorobiphenyl	ug/l	< 0.067
Total PCB Homologs	ug/l	**0.061 J**
Total Suspended Solids	mg/l	**17**

	Units	TB-002-MH-BLDG15
Monochlorobiphenyl	ug/l	< 0.0058
Dicholrobiphenyl	ug/l	< 0.0056
Trichlorobiphenyl	ug/l	< 0.0067
Tetrachlorobiphenyl	ug/l	< 0.013
Pentachlorobiphenyl	ug/l	**0.088 J**
Hexachlorobiphenyl	ug/l	**0.28**
Heptachlorobiphenyl	ug/l	**0.32**
Octachlorobiphenyl	ug/l	< 0.039
Nonachlorobiphenyl	ug/l	< 0.051*
Decachlorobiphenyl	ug/l	< 0.072
Total PCB Homologs	ug/l	**0.688 J**
Total Suspended Solids	mg/l	**150**

GENERAL NOTES

1. THIS PLAN IS BASED ON AN AERIAL SURVEY PERFORMED BY STANTEC CONSULTING SERVICES, INC., FLOWN ON FEBRUARY 24 2009. STORM DRAIN DETAIL VERIFIED BY GROUND SURVEY IN AUGUST OF 2009.
2. BM= 10.27 = NAIL SET IN FRONT OF ADMINISTRATION BUILDING 12 AS SHOWN ON PLAN . VERTICAL DATUM IS USGS NAVD 1988
3. UTILITY INFORMATION FROM SURFACE EVIDENCE OBSERVED IN THE FIELD, TOGETHER WITH REFERENCE PLANS . ALL UTILITY LOCATIONS AND DEPTHS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION
4. BASED ON FLOOD INSURANCE RATE MAP 10030C0160J , A PORTION OF THIS PARCEL PARCEL LIES WITHIN ZONE "AE" - BASE FLOOD ELEVATION DETERMINED AT ELEVATION 9 (NAVD 1988) ; A PORTION LIES WITHIN THE ZONE "X" DEFINED AS AREAS OF 0.2% ANNUAL CHANCE FLOOD (SEE FLOOD MAP FOR ADDITIONAL NOTES) AND A PORTION LIES WITHIN THE ZONE "X" DEFINED AS AREAS OUTSIDE THE 0.02 % CHANCE OF FLOODPLAIN. FROM MAP DATED JANUARY 17, 2007.

SHEET NOTES

LEGEND

- CONTOURS
- BOLLARD
- LIGHT POLE
- HYDRANT
- SANITARY SEWER W/ M.H.
- STORM SEWER M.H. WITH DRAIN OUTFALL 002
- STORM SEWER W/M.H. OUTFALL 007
- INDUSTRIAL WASTE LINE
- WATER LINE
- FENCE
- PROPERTY BOUNDARY
- RAILROAD TRACKS
- VEGETATION
- DRAINAGE AREAS
- AREA OF INVESTIGATION

BUILDING LEGEND

1	Roadway Equipment
1A	Component Shop
2	Roadway Equipment
3	Locomotive Shop
4	Electric Shop
5	Card Room (2nd Floor/Electric Shop)
6	Bake Shop (Electric Shop)
7	Roadway Maintenance
8	Maintenance Shop
9	Frog Shop (Roadway Equipment)
11	Roadway Equipment Storage
12	Administration Building
13	Metal Storage
14	Midway Locker Room
15	Material Control/Foremen's Locker Room
16	Blacksmith/Brake Shop
17	Power House
18	Receiving Patio (Electric Shop)
19	High Speed Training Center
20	Receiving (Material Control Department)
23	Loco Shop Lunch Room/T & E Sign-up
24	Waste Oil Storage
25	Fueling Area/Lube Oil
27	Oil House (Material Control)
29	Locomotive Test Center
30	B & B (Building & Bridge) Department
31	B & B (Building & Bridge) Department
32	Roundhouse
33	M of W Offices (C & S, E.T. Track Depts)
35	Water/Fire Pump House
36A	Oxygen & Acetylene Tank Storage
36B	RWE Compressed Gas Storage
37	Wheel Shop
38	DAF Pollution Building
39	Hazard Waste Drum Storage
40	Storage
41	B & B (Building & Bridge) Department
42	New Inspection Shed
44	Material Management
45	Material Management
46	C&S Comm
47	C&S Comm
48	C&S Signals
49	C&S Signals
50	Track Dept. Mechanic
51	ET Repair and Parts
52	Engineering Oil Storage
53	Compressed Gas Storage
54	ET Storage Shed
55	ET Repair Office
56	C&S Radio Room

0 100' 200'

AMTRAK MAINTENANCE FACILITY

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD
1 SUBMISSION TO DNREC	PM	PM	14.09.

Legend

Notes

Permit-Seal

Consultants

Stantec

1060 Andrew Drive, Suite 140
West Chester PA
www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
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Client/Project
AMTRAK

WILMINGTON MAINTENANCE YARD

WILMINGTON, DELAWARE

File Name: 02048C-141

ETG	PM	PM	14.11.06
Dwn.	Chkd.	Dsgn.	YY.MM.DD

Title
OUTFALL 002 PCB TRACK BACK
PCB HOMOLOG RESULTS

Project No. 213402048

Scale AS NOTED

Appendix J-1

Sheet - of -

Revision 0

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ORIGINAL SHEET - ARCH E1