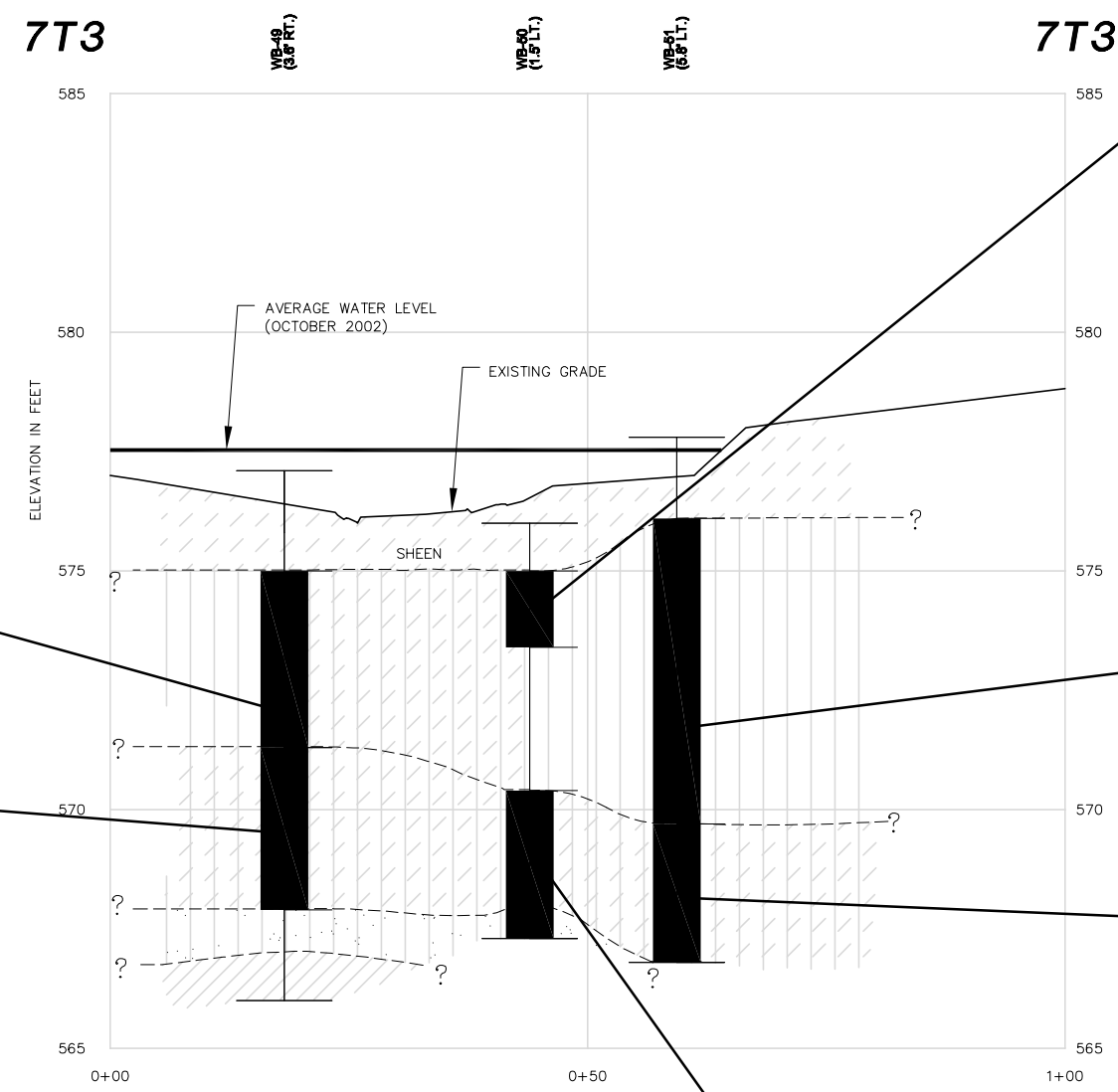
WB-49	
Elevation 575 - 571.3	
Parameter	**Conc.**
2-Methylnaphthalene	62000
Acenaphthene	**40000**
Acenaphthylene	**3000**
Anthracene	**51000**
Benzo(a)anthracene	**37000**
Benzo(a)pyrene	**24000**
Benzo(b)fluoranthene	10000
Benzo(ghi)perylene	6800 (J)
Benzo(k)fluoranthene	9800
Chrysene	**48000**
Dibenz(a,h)anthracene	**3200 (J)**
Fluoranthene	**42000**
Fluorene	**12000**
Indeno(1,2,3-cd)pyrene	5500 (J)
Naphthalene	**30000**
Phenanthrene	**130000**
Pyrene	**120000**
Total LPAHs	270000
Total HPAHs	310000 (J)
Total PAHs	**570000 (J)**

WB-50	
Elevation 575 - 573.4	
Parameter	**Conc.**
2-Methylnaphthalene	190000
Acenaphthene	**17000**
Acenaphthylene	**78000**
Anthracene	**86000**
Benzo(a)anthracene	**33000**
Benzo(a)pyrene	**20000**
Benzo(b)fluoranthene	11000
Benzo(ghi)perylene	5500 (J)
Benzo(k)fluoranthene	8100
Chrysene	**37000**
Dibenz(a,h)anthracene	**2600 (J)**
Fluoranthene	**48000**
Fluorene	**95000**
Indeno(1,2,3-cd)pyrene	5000 (J)
Naphthalene	**60000**
Phenanthrene	**270000**
Pyrene	**120000**
Total LPAHs	610000
Total HPAHs	290000 (J)
Total PAHs	**900000 (J)**

WB-51	
Elevation 576.1 - 569.7	
Parameter	**Conc.**
2-Methylnaphthalene	210000
Acenaphthene	**310000**
Acenaphthylene	**15000**
Anthracene	**250000**
Benzo(a)anthracene	**140000**
Benzo(a)pyrene	**89000**
Benzo(b)fluoranthene	33000
Benzo(ghi)perylene	25000 (J)
Benzo(k)fluoranthene	42000
Chrysene	**180000**
Dibenz(a,h)anthracene	**12000 (J)**
Fluoranthene	**230000**
Fluorene	**190000**
Indeno(1,2,3-cd)pyrene	23000 (J)
Naphthalene	**160000**
Phenanthrene	**780000**
Pyrene	**460000**
Total LPAHs	1700000
Total HPAHs	1200000 (J)
Total PAHs	**2900000 (J)**



WB-49	
Elevation 571.3 - 567.9	
Parameter	**Conc.**
Benzo(a)anthracene	130 J
Benzo(a)pyrene	130 J
Chrysene	120 J
Phenanthrene	260 J
Pyrene	360 J
Total LPAHs	260 J
Total HPAHs	740 J(J)
Total PAHs	1000 J(J)

WB-50	
Elevation 570.4 - 567.3	
Parameter	**Conc.**
Anthracene	430 J
Benzo(a)anthracene	560 J
Benzo(a)pyrene	510 J
Benzo(b)fluoranthene	350 J
Benzo(k)fluoranthene	460 J
Chrysene	610 J
Fluoranthene	780 J
Phenanthrene	930
Pyrene	1100
Total LPAHs	1400 J
Total HPAHs	4400 J(J)
Total PAHs	5700 J(J)

WB-51	
Elevation 569.7 - 566.8	
Parameter	**Conc.**
Acenaphthene	**810 J**
Anthracene	**1500**
Benzo(a)anthracene	**2900**
Benzo(a)pyrene	**3000**
Benzo(b)fluoranthene	1800
Benzo(ghi)perylene	1500 (J)
Benzo(k)fluoranthene	1700
Chrysene	**2900**
Dibenz(a,h)anthracene	**720 J(J)**
Fluoranthene	**4000**
Fluorene	**760 J**
Indeno(1,2,3-cd)pyrene	1400 (J)
Naphthalene	550 J
Phenanthrene	**4800**
Pyrene	**7600**
Total LPAHs	8400 J
Total HPAHs	28000 J(J)
Total PAHs	**36000 J(J)**

5 0 5 10 15
SCALE IN FEET
HORIZONTAL SCALE

1 0 1 2 3
SCALE IN FEET
VERTICAL SCALE

U = NON DETECTED
J = ESTIMATED
LT. = DISTANCE LEFT OF TRANSECT
RT. = DISTANCE LEFT OF TRANSECT
UNITS = µg/kg = ppb
CONC. = CONCENTRATION
NAPL = NON-AQUEOUS PHASE LIQUID
SAMPLE INCREMENT
NATIVE BOUNDARY
AVERAGE WATER LEVEL (OCTOBER 2002)

LEGEND

- SILTY SANDS
- ORGANIC SILTS
- WELL-GRADED SANDS
- INORGANIC SILTS AND FINE SANDS
- POORLY GRADED GRAVELS
- INORGANIC CLAY
- SILTY GRAVELS
- HIGHLY ORGANIC SOILS

NOTES

1. ELEVATIONS ARE NGVD 29
2. VERTICAL EXAGGERATION = 5
3. CONCENTRATIONS INCLUDED IN TABLES ARE DETECTED VALUES ONLY, WITH THE EXCEPTION OF TOTALED VALUES. COMPLETE DATA TABLES ARE INCLUDED IN APPENDIX A.

WEST BRANCH OF THE GRAND CALUMET RIVER
FIGURE 4-17B
REACH 7 TRANSECT T3
PAH CONCENTRATIONS

FOSTER WHEELER ENVIRONMENTAL CORPORATION

DESIGNED: –
DRAWN: AEC
CHECKED: –
APPROVED
DATE: 8/1/03
SCALE: AS NOTED
DRAWING NO. MGCAXS05
-/-

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