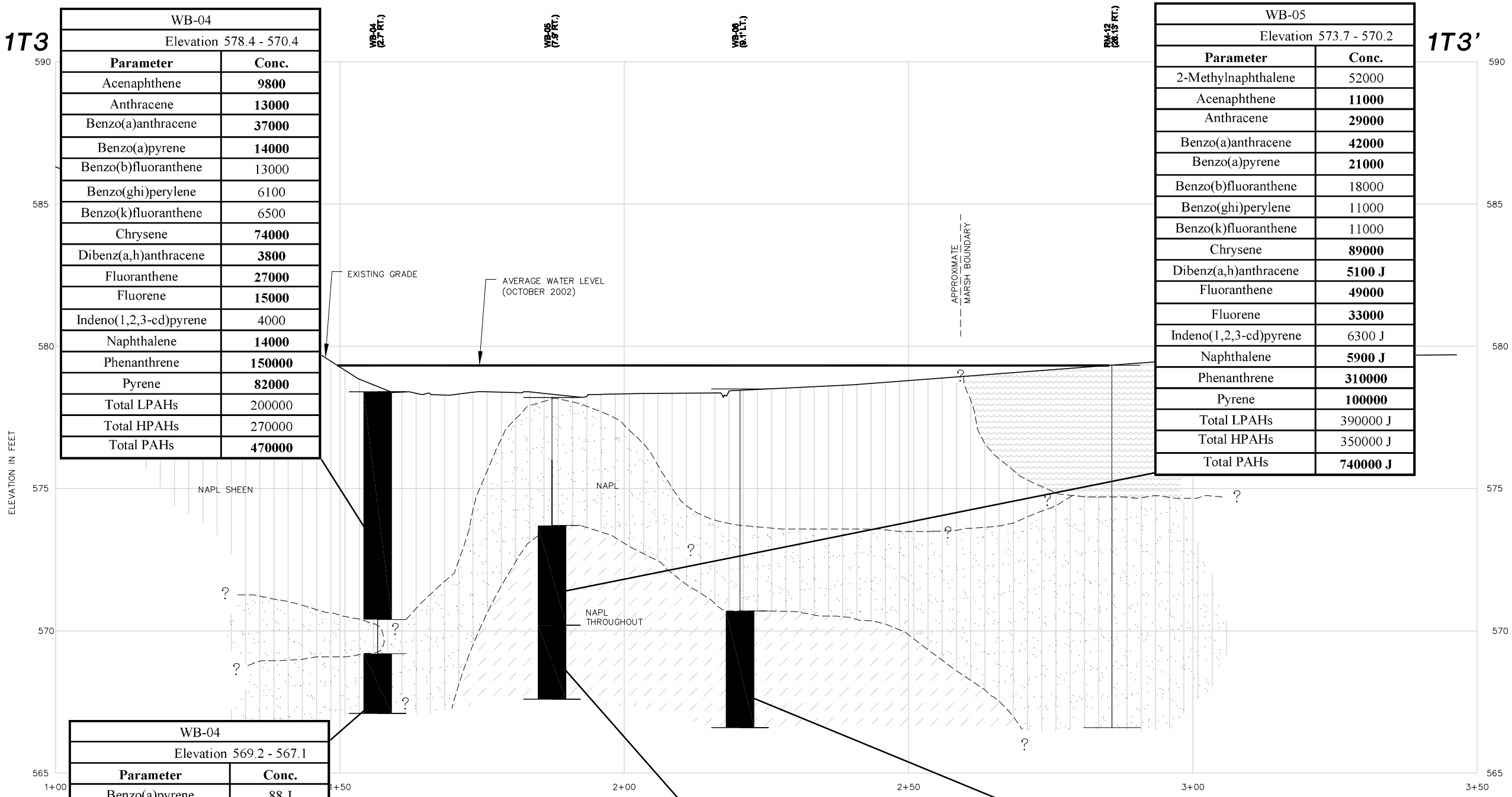

WB-04	
Elevation 578.4 - 570.4	
Parameter	**Conc.**
Acenaphthene	**9800**
Anthracene	**13000**
Benzo(a)anthracene	**37000**
Benzo(a)pyrene	**14000**
Benzo(b)fluoranthene	13000
Benzo(ghi)perylene	6100
Benzo(k)fluoranthene	6500
Chrysene	**74000**
Dibenz(a,h)anthracene	**3800**
Fluoranthene	**27000**
Fluorene	**15000**
Indeno(1,2,3-cd)pyrene	4000
Naphthalene	**14000**
Phenanthrene	**150000**
Pyrene	**82000**
Total LPAHs	200000
Total HPAHs	270000
Total PAHs	**470000**

WB-05	
Elevation 573.7 - 570.2	
Parameter	**Conc.**
2-Methylnaphthalene	52000
Acenaphthene	**11000**
Anthracene	**29000**
Benzo(a)anthracene	**42000**
Benzo(a)pyrene	**21000**
Benzo(b)fluoranthene	18000
Benzo(ghi)perylene	11000
Benzo(k)fluoranthene	11000
Chrysene	**89000**
Dibenz(a,h)anthracene	**5100 J**
Fluoranthene	**49000**
Fluorene	**33000**
Indeno(1,2,3-cd)pyrene	6300 J
Naphthalene	**5900 J**
Phenanthrene	**310000**
Pyrene	**100000**
Total LPAHs	390000 J
Total HPAHs	350000 J
Total PAHs	**740000 J**

WB-04	
Elevation 569.2 - 567.1	
Parameter	**Conc.**
Benzo(a)pyrene	88 J
Chrysene	57 J
Total LPAHs	130 U
Total HPAHs	150 J
Total PAHs	150 J

WB-05	
Elevation 570.2 - 567.6	
Parameter	**Conc.**
Benzo(a)anthracene	410 J
Benzo(a)pyrene	390 J
Benzo(b)fluoranthene	300 J
Benzo(k)fluoranthene	330 J
Chrysene	510 J
Fluoranthene	720 J
Phenanthrene	740 J
Pyrene	990
Total LPAHs	740 J
Total HPAHs	3700 J
Total PAHs	4400 J

WB-06	
Elevation 570.7 - 566.6	
Parameter	**Conc.**
Total LPAHs	290 U
Total HPAHs	440 U
Total PAHs	440 U

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.

5 0 5 10 15
SCALE IN FEET
HORIZONTAL SCALE

1 0 1 2 3
SCALE IN FEET
VERTICAL SCALE

WEST BRANCH OF THE GRAND CALUMET RIVER
FIGURE 4-3B
REACH 1 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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