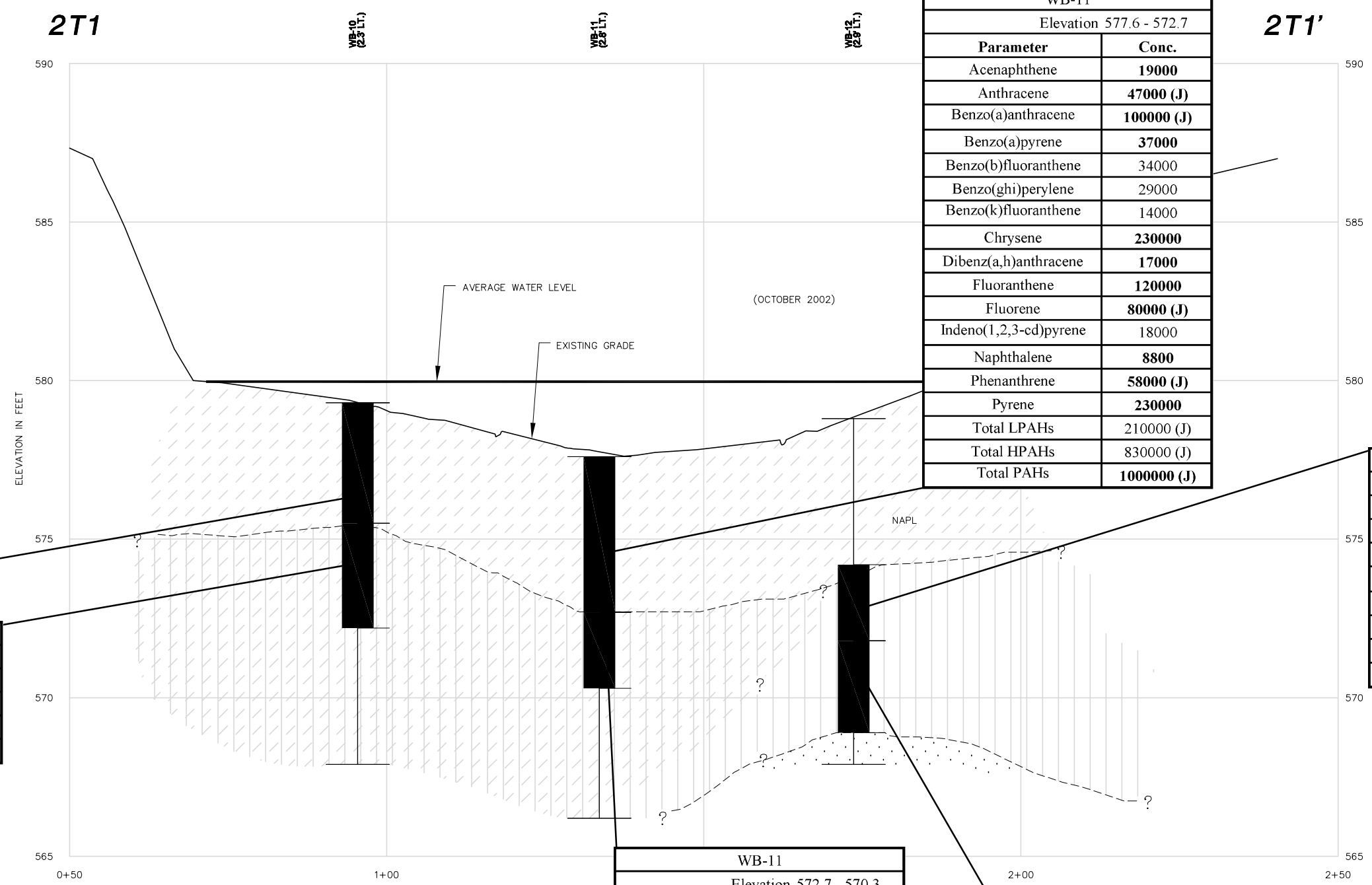

WB-10	
Elevation 579.3 - 575.5	
Parameter	**Conc.**
2-Methylnaphthalene	22000
Acenaphthene	**16000**
Anthracene	**37000 (J)**
Benzo(a)anthracene	**74000**
Benzo(a)pyrene	**24000**
Benzo(b)fluoranthene	24000
Benzo(ghi)perylene	23000
Benzo(k)fluoranthene	14000
Chrysene	**170000**
Dibenz(a,h)anthracene	**12000**
Fluoranthene	**43000**
Fluorene	**45000**
Indeno(1,2,3-cd)pyrene	13000
Naphthalene	**4400 J**
Phenanthrene	**410000**
Pyrene	**170000**
Total LPAHs	510000 J(J)
Total HPAHs	570000
Total PAHs	**1100000 J(J)**

WB-10	
Elevation 575.5 - 572.2	
Parameter	**Conc.**
Total LPAHs	270 U
Total HPAHs	420 U
Total PAHs	420 U

WB-11	
Elevation 577.6 - 572.7	
Parameter	**Conc.**
Acenaphthene	**19000**
Anthracene	**47000 (J)**
Benzo(a)anthracene	**100000 (J)**
Benzo(a)pyrene	**37000**
Benzo(b)fluoranthene	34000
Benzo(ghi)perylene	29000
Benzo(k)fluoranthene	14000
Chrysene	**230000**
Dibenz(a,h)anthracene	**17000**
Fluoranthene	**120000**
Fluorene	**80000 (J)**
Indeno(1,2,3-cd)pyrene	18000
Naphthalene	**8800**
Phenanthrene	**58000 (J)**
Pyrene	**230000**
Total LPAHs	210000 (J)
Total HPAHs	830000 (J)
Total PAHs	**1000000 (J)**

WB-12	
Elevation 574.2 - 571.8	
Parameter	**Conc.**
Benzo(a)anthracene	300 J
Chrysene	660
Fluoranthene	290 J
Pyrene	680
Total LPAHs	180 U
Total HPAHs	1900 J
Total PAHs	1900 J

WB-11	
Elevation 572.7 - 570.3	
Parameter	**Conc.**
Acenaphthene	**350 J**
Benzo(a)anthracene	510 J
Benzo(a)pyrene	360 J
Benzo(b)fluoranthene	340 J
Benzo(k)fluoranthene	420 J
Chrysene	710 J
Fluoranthene	1000 J
Phenanthrene	970 J
Pyrene	1300
Total LPAHs	1300 J
Total HPAHs	4600 J
Total PAHs	6000 J

WB-12	
Elevation 571.8 - 568.9	
Parameter	**Conc.**
Total LPAHs	130 U
Total HPAHs	200 U
Total PAHs	200 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 4-5B
REACH 2 TRANSECT T1
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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