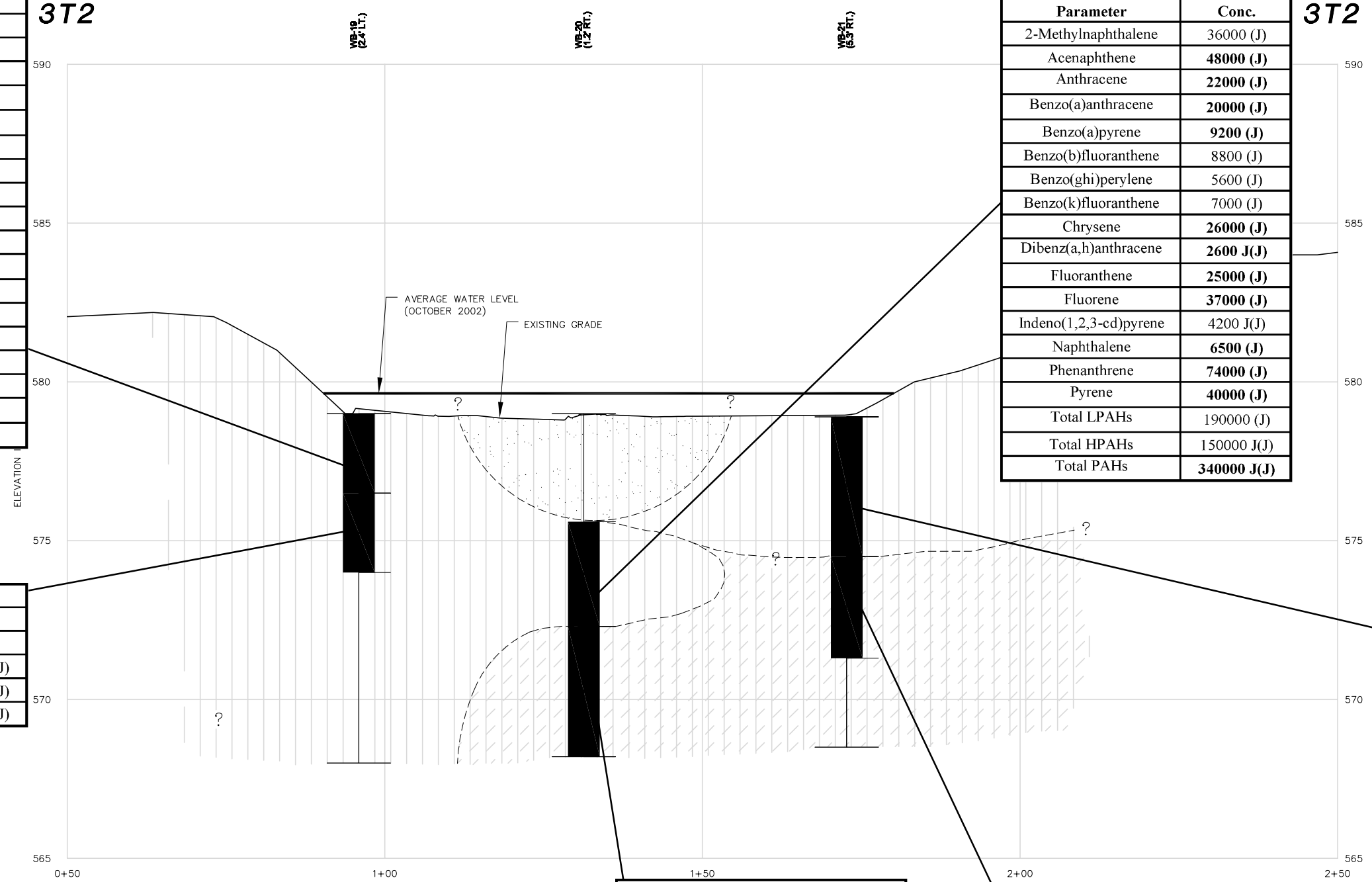
WB-19	
Elevation 579 - 576.5	
Parameter	**Conc.**
Acenaphthene	**1300 J**
Anthracene	**2400**
Benzo(a)anthracene	**9200**
Benzo(a)pyrene	**5100**
Benzo(b)fluoranthene	3500
Benzo(ghi)perylene	3100
Benzo(k)fluoranthene	4700
Chrysene	**19000**
Dibenz(a,h)anthracene	**1700**
Fluoranthene	**7000**
Fluorene	**2200**
Indeno(1,2,3-cd)pyrene	1800
Phenanthrene	**1900**
Pyrene	**21000**
Total LPAHs	7800 J
Total HPAHs	76000
Total PAHs	**84000 J**

WB-19	
Elevation 576.5 - 574	
Parameter	**Conc.**
Total LPAHs	1600 U(UJ)
Total HPAHs	2400 U(UJ)
Total PAHs	2400 U(UJ)



WB-20	
Elevation 575.6 - 572.2	
Parameter	**Conc.**
2-Methylnaphthalene	36000 (J)
Acenaphthene	**48000 (J)**
Anthracene	**22000 (J)**
Benzo(a)anthracene	**20000 (J)**
Benzo(a)pyrene	**9200 (J)**
Benzo(b)fluoranthene	8800 (J)
Benzo(ghi)perylene	5600 (J)
Benzo(k)fluoranthene	7000 (J)
Chrysene	**26000 (J)**
Dibenz(a,h)anthracene	**2600 J(J)**
Fluoranthene	**25000 (J)**
Fluorene	**37000 (J)**
Indeno(1,2,3-cd)pyrene	4200 J(J)
Naphthalene	**6500 (J)**
Phenanthrene	**74000 (J)**
Pyrene	**40000 (J)**
Total LPAHs	190000 (J)
Total HPAHs	150000 J(J)
Total PAHs	**340000 J(J)**

WB-21	
Elevation 578.9 - 574.5	
Parameter	**Conc.**
Acenaphthene	**5500 J(J)**
Anthracene	**11000 (J)**
Benzo(a)anthracene	**16000 (J)**
Benzo(a)pyrene	**7600 (J)**
Benzo(b)fluoranthene	7300 J(J)
Benzo(ghi)perylene	3700 J(J)
Benzo(k)fluoranthene	3800 J(J)
Chrysene	**26000 (J)**
Fluoranthene	**17000 (J)**
Fluorene	**8400 (J)**
Indeno(1,2,3-cd)pyrene	2900 J(J)
Phenanthrene	**53000 (J)**
Pyrene	**34000 (J)**
Total LPAHs	78000 J(J)
Total HPAHs	120000 J(J)
Total PAHs	**200000 J(J)**

WB-20	
Elevation 572.2 - 568.2	
Parameter	**Conc.**
2-Methylnaphthalene	640 J
Acenaphthene	**1700**
Anthracene	330 J
Fluoranthene	280 J
Fluorene	**610 J**
Phenanthrene	**1300**
Pyrene	420 J
Total LPAHs	3900 J
Total HPAHs	700 J
Total PAHs	4600 J

WB-21	
Elevation 574.5 - 571.3	
Parameter	**Conc.**
Benzo(a)pyrene	240 J
Total LPAHs	220 U
Total HPAHs	240 J
Total PAHs	240 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 4-9B
REACH 3 TRANSECT T2
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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