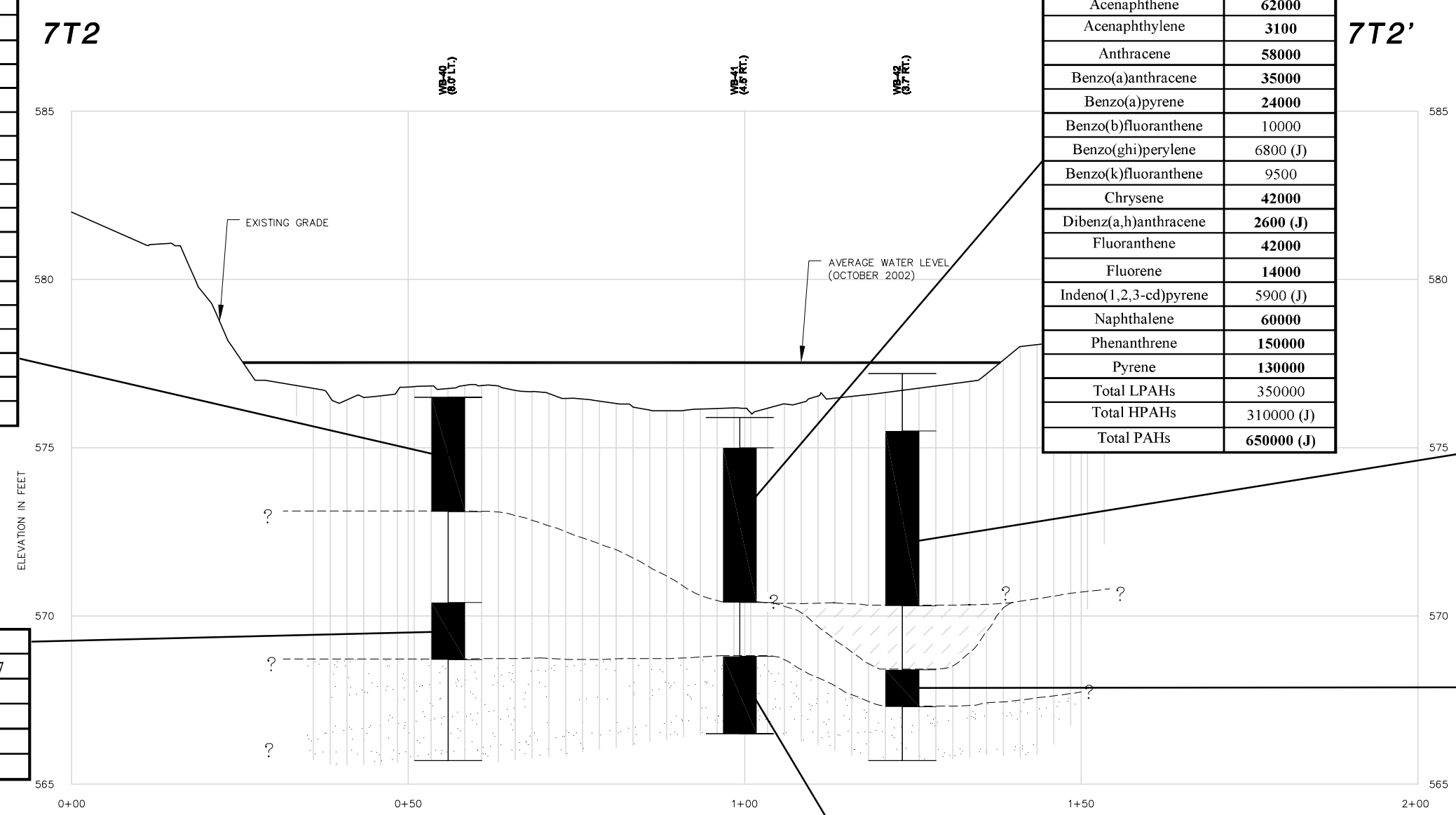
WB-40	
Elevation 576.5 - 573.1	
Parameter	**Conc.**
2-Methylnaphthalene	13000
Acenaphthene	**17000**
Anthracene	**13000**
Benzo(a)anthracene	**15000**
Benzo(a)pyrene	**7800**
Benzo(b)fluoranthene	7500
Benzo(ghi)perylene	6500
Benzo(k)fluoranthene	5100
Chrysene	**20000**
Dibenz(a,h)anthracene	**1600 J**
Fluoranthene	**13000**
Fluorene	**15000**
Indeno(1,2,3-cd)pyrene	4700
Naphthalene	**6100**
Phenanthrene	**40000**
Pyrene	**29000**
Total LPAHs	91000
Total HPAHs	110000 J
Total PAHs	**200000 J**

WB-41	
Elevation 575 - 570.4	
Parameter	**Conc.**
2-Methylnaphthalene	87000
Acenaphthene	**62000**
Acenaphthylene	**3100**
Anthracene	**58000**
Benzo(a)anthracene	**35000**
Benzo(a)pyrene	**24000**
Benzo(b)fluoranthene	10000
Benzo(ghi)perylene	6800 (J)
Benzo(k)fluoranthene	9500
Chrysene	**42000**
Dibenz(a,h)anthracene	**2600 (J)**
Fluoranthene	**42000**
Fluorene	**14000**
Indeno(1,2,3-cd)pyrene	5900 (J)
Naphthalene	**60000**
Phenanthrene	**150000**
Pyrene	**130000**
Total LPAHs	350000
Total HPAHs	310000 (J)
Total PAHs	**650000 (J)**

WB-42	
Elevation 575.5 - 570.3	
Parameter	**Conc.**
2-Methylnaphthalene	150000
Acenaphthene	**96000**
Anthracene	**88000**
Benzo(a)anthracene	**49000**
Benzo(a)pyrene	**33000**
Benzo(b)fluoranthene	14000
Benzo(ghi)perylene	8400 (J)
Benzo(k)fluoranthene	15000
Chrysene	**60000**
Dibenz(a,h)anthracene	**3000 (J)**
Fluoranthene	**79000**
Fluorene	**61000**
Indeno(1,2,3-cd)pyrene	7500 (J)
Naphthalene	**64000**
Phenanthrene	**260000**
Pyrene	**140000**
Total LPAHs	570000
Total HPAHs	410000 (J)
Total PAHs	**980000 (J)**



WB-42	
Elevation 568.4 - 567.3	
Parameter	**Conc.**
Anthracene	280 J
Benzo(a)anthracene	480 J
Benzo(a)pyrene	440 J
Benzo(b)fluoranthene	280 J
Benzo(k)fluoranthene	340 J
Chrysene	500 J
Fluoranthene	660 J
Phenanthrene	650 J
Pyrene	890
Total LPAHs	930 J
Total HPAHs	3600 J(J)
Total PAHs	4500 J(J)

WB-40	
Elevation 570.4 - 568.7	
Parameter	**Conc.**
Total LPAHs	210 U
Total HPAHs	320 U
Total PAHs	320 U

WB-41	
Elevation 568.8 - 566.5	
Parameter	**Conc.**
Total LPAHs	150 U
Total HPAHs	230 U(J)
Total PAHs	230 U(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 4-16B
REACH 7 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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