WB-34	
Elevation 575.2 - 571.6	
Parameter	**Conc.**
Acenaphthene	**510 J**
Acenaphthylene	**190 J**
Anthracene	510 J
Benzo(a)anthracene	**1600**
Benzo(a)pyrene	1300
Benzo(b)fluoranthene	990
Benzo(ghi)perylene	480 J
Benzo(k)fluoranthene	850
Chrysene	**1900**
Fluoranthene	2200
Fluorene	350 J
Indeno(1,2,3-cd)pyrene	380 J
Phenanthrene	750 J
Pyrene	**4200**
Total LPAHs	2300 J
Total HPAHs	14000 J
Total PAHs	16000 J

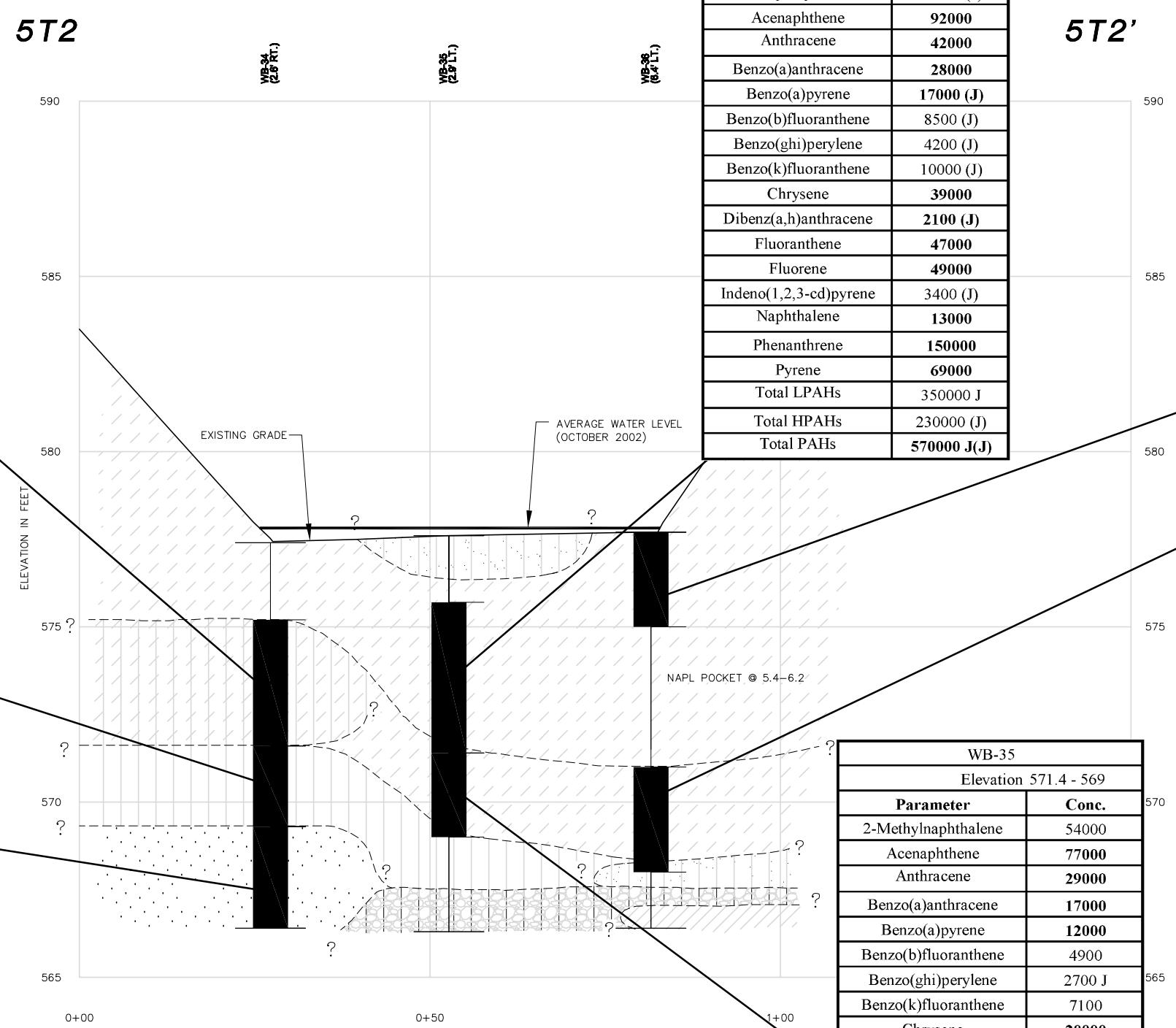
WB-35	
Elevation 575.7 - 571.4	
Parameter	**Conc.**
2-Methylnaphthalene	59000 (J)
Acenaphthene	**92000**
Anthracene	**42000**
Benzo(a)anthracene	**28000**
Benzo(a)pyrene	**17000 (J)**
Benzo(b)fluoranthene	8500 (J)
Benzo(ghi)perylene	4200 (J)
Benzo(k)fluoranthene	10000 (J)
Chrysene	**39000**
Dibenz(a,h)anthracene	**2100 (J)**
Fluoranthene	**47000**
Fluorene	**49000**
Indeno(1,2,3-cd)pyrene	3400 (J)
Naphthalene	**13000**
Phenanthrene	**150000**
Pyrene	**69000**
Total LPAHs	350000 J
Total HPAHs	230000 (J)
Total PAHs	**570000 J(J)**

WB-36	
Elevation 577.7 - 575	
Parameter	**Conc.**
Acenaphthene	**34000**
Anthracene	**10000**
Benzo(a)anthracene	**7800**
Benzo(a)pyrene	**7200**
Benzo(b)fluoranthene	4600
Benzo(ghi)perylene	2200 J
Benzo(k)fluoranthene	4600
Chrysene	**11000**
Fluoranthene	**12000**
Fluorene	**12000**
Indeno(1,2,3-cd)pyrene	1800 J
Naphthalene	**1500 J**
Phenanthrene	**37000**
Pyrene	**24000**
Total LPAHs	95000 J
Total HPAHs	75000 J
Total PAHs	**170000 J**

WB-36	
Elevation 571 - 568	
Parameter	**Conc.**
2-Methylnaphthalene	2700
Acenaphthene	**2600**
Anthracene	**930**
Benzo(a)anthracene	590 J
Benzo(k)fluoranthene	360 J
Chrysene	590 J
Fluoranthene	840
Fluorene	**1300**
Naphthalene	**2200**
Phenanthrene	**3500**
Pyrene	**1700**
Total LPAHs	11000
Total HPAHs	4100 J
Total PAHs	15000 J

WB-34	
Elevation 571.6 - 569.3	
Parameter	**Conc.**
Total LPAHs	130 U
Total HPAHs	210 U
Total PAHs	210 U

WB-34	
Elevation 569.3 - 566.4	
Parameter	**Conc.**
Total LPAHs	120 U
Total HPAHs	190 U
Total PAHs	190 U



WB-35	
Elevation 571.4 - 569	
Parameter	**Conc.**
2-Methylnaphthalene	54000
Acenaphthene	**77000**
Anthracene	**29000**
Benzo(a)anthracene	**17000**
Benzo(a)pyrene	**12000**
Benzo(b)fluoranthene	4900
Benzo(ghi)perylene	2700 J
Benzo(k)fluoranthene	7100
Chrysene	**20000**
Dibenz(a,h)anthracene	**1700 J**
Fluoranthene	**22000**
Fluorene	**30000**
Indeno(1,2,3-cd)pyrene	1900 J
Naphthalene	**3500 J**
Phenanthrene	**110000**
Pyrene	**49000**
Total LPAHs	250000 J
Total HPAHs	140000 J
Total PAHs	**390000 J**

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 4-14B
REACH 5 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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