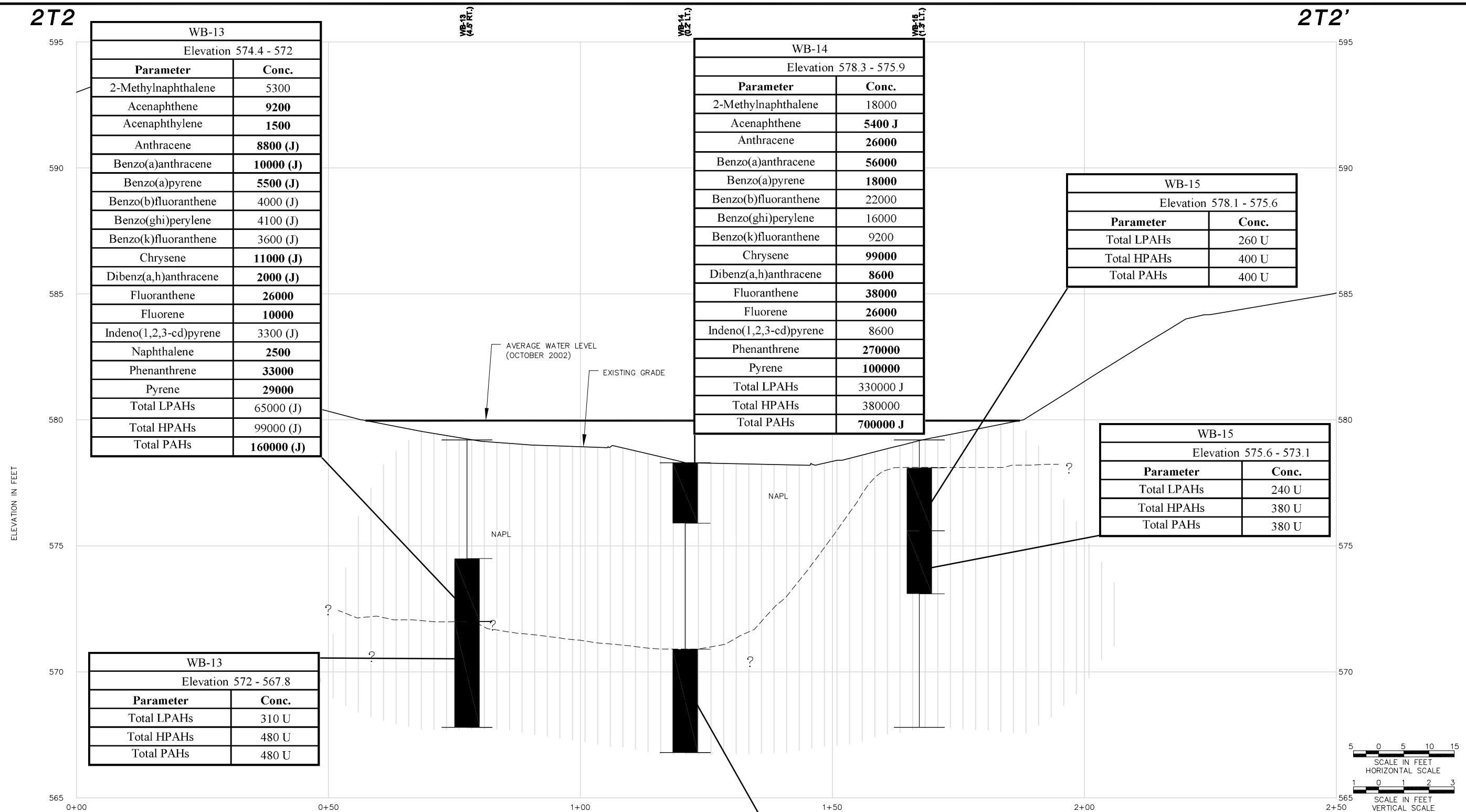

WB-13	
Elevation 574.4 - 572	
Parameter	**Conc.**
2-Methylnaphthalene	5300
Acenaphthene	**9200**
Acenaphthylene	**1500**
Anthracene	**8800 (J)**
Benzo(a)anthracene	**10000 (J)**
Benzo(a)pyrene	**5500 (J)**
Benzo(b)fluoranthene	4000 (J)
Benzo(ghi)perylene	4100 (J)
Benzo(k)fluoranthene	3600 (J)
Chrysene	**11000 (J)**
Dibenz(a,h)anthracene	**2000 (J)**
Fluoranthene	**26000**
Fluorene	**10000**
Indeno(1,2,3-cd)pyrene	3300 (J)
Naphthalene	**2500**
Phenanthrene	**33000**
Pyrene	**29000**
Total LPAHs	65000 (J)
Total HPAHs	99000 (J)
Total PAHs	**160000 (J)**

WB-14	
Elevation 578.3 - 575.9	
Parameter	**Conc.**
2-Methylnaphthalene	18000
Acenaphthene	**5400 J**
Anthracene	**26000**
Benzo(a)anthracene	**56000**
Benzo(a)pyrene	**18000**
Benzo(b)fluoranthene	22000
Benzo(ghi)perylene	16000
Benzo(k)fluoranthene	9200
Chrysene	**99000**
Dibenz(a,h)anthracene	**8600**
Fluoranthene	**38000**
Fluorene	**26000**
Indeno(1,2,3-cd)pyrene	8600
Phenanthrene	**270000**
Pyrene	**100000**
Total LPAHs	330000 J
Total HPAHs	380000
Total PAHs	**700000 J**

WB-15	
Elevation 578.1 - 575.6	
Parameter	**Conc.**
Total LPAHs	260 U
Total HPAHs	400 U
Total PAHs	400 U

WB-15	
Elevation 575.6 - 573.1	
Parameter	**Conc.**
Total LPAHs	240 U
Total HPAHs	380 U
Total PAHs	380 U

WB-13	
Elevation 572 - 567.8	
Parameter	**Conc.**
Total LPAHs	310 U
Total HPAHs	480 U
Total PAHs	480 U

WB-14	
Elevation 570.9 - 566.8	
Parameter	**Conc.**
Total LPAHs	280 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.

WEST BRANCH OF THE GRAND CALUMET RIVER
FIGURE 4-6B
REACH 2 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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