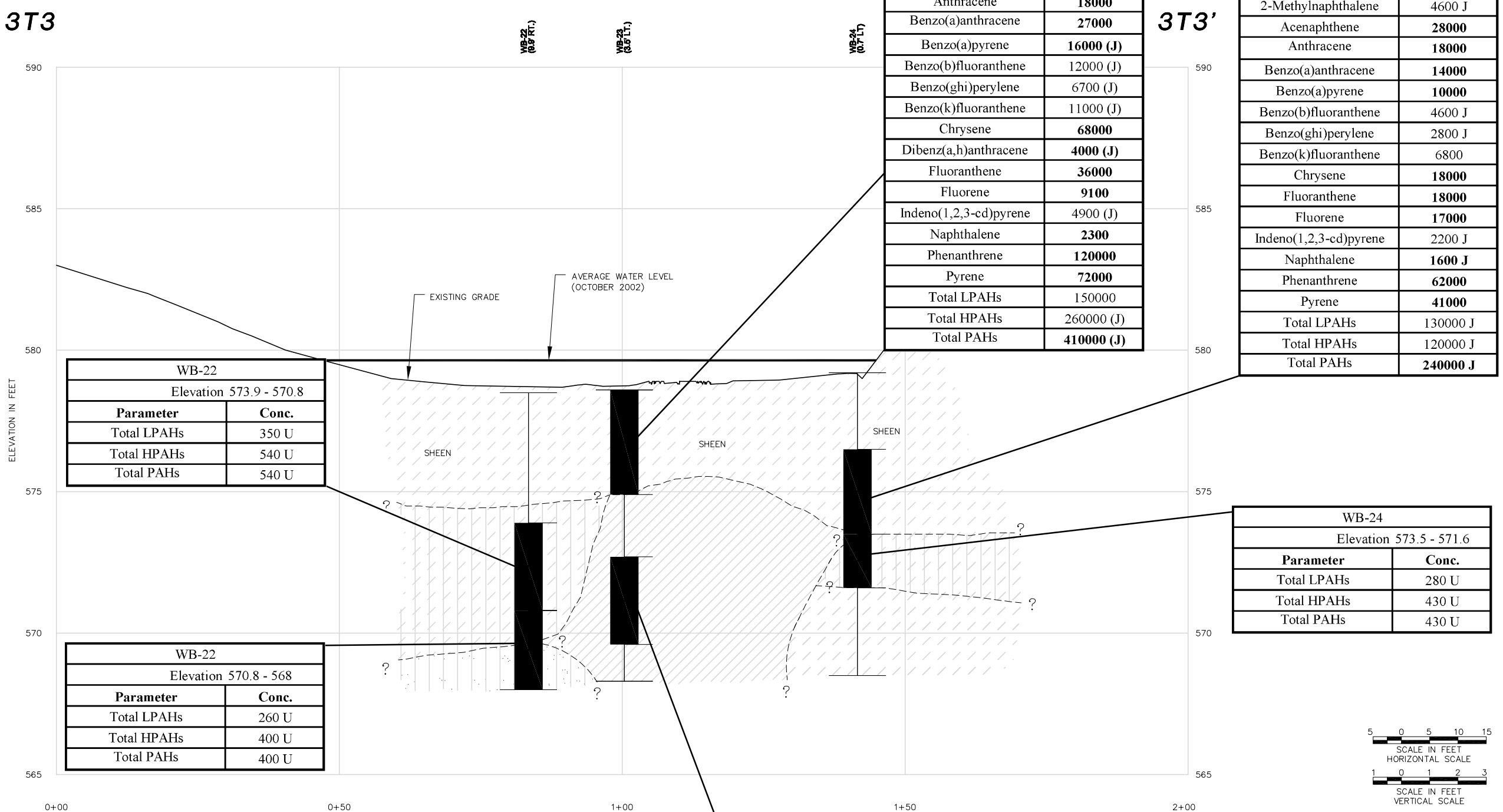

WB-23	
Elevation 578.6 - 574.9	
Parameter	**Conc.**
Acenaphthene	**5500**
Anthracene	**18000**
Benzo(a)anthracene	**27000**
Benzo(a)pyrene	**16000 (J)**
Benzo(b)fluoranthene	12000 (J)
Benzo(ghi)perylene	6700 (J)
Benzo(k)fluoranthene	11000 (J)
Chrysene	**68000**
Dibenz(a,h)anthracene	**4000 (J)**
Fluoranthene	**36000**
Fluorene	**9100**
Indeno(1,2,3-cd)pyrene	4900 (J)
Naphthalene	**2300**
Phenanthrene	**120000**
Pyrene	**72000**
Total LPAHs	150000
Total HPAHs	260000 (J)
Total PAHs	**410000 (J)**

WB-24	
Elevation 576.5 - 573.5	
Parameter	**Conc.**
2-Methylnaphthalene	4600 J
Acenaphthene	**28000**
Anthracene	**18000**
Benzo(a)anthracene	**14000**
Benzo(a)pyrene	**10000**
Benzo(b)fluoranthene	4600 J
Benzo(ghi)perylene	2800 J
Benzo(k)fluoranthene	6800
Chrysene	**18000**
Fluoranthene	**18000**
Fluorene	**17000**
Indeno(1,2,3-cd)pyrene	2200 J
Naphthalene	**1600 J**
Phenanthrene	**62000**
Pyrene	**41000**
Total LPAHs	130000 J
Total HPAHs	120000 J
Total PAHs	**240000 J**

WB-22	
Elevation 573.9 - 570.8	
Parameter	**Conc.**
Total LPAHs	350 U
Total HPAHs	540 U
Total PAHs	540 U

WB-24	
Elevation 573.5 - 571.6	
Parameter	**Conc.**
Total LPAHs	280 U
Total HPAHs	430 U
Total PAHs	430 U

WB-22	
Elevation 570.8 - 568	
Parameter	**Conc.**
Total LPAHs	260 U
Total HPAHs	400 U
Total PAHs	400 U

WB-23	
Elevation 572.7 - 569.6	
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.

WEST BRANCH OF THE GRAND CALUMET RIVER
FIGURE 4-10B
REACH 3 TRANSECT T3
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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