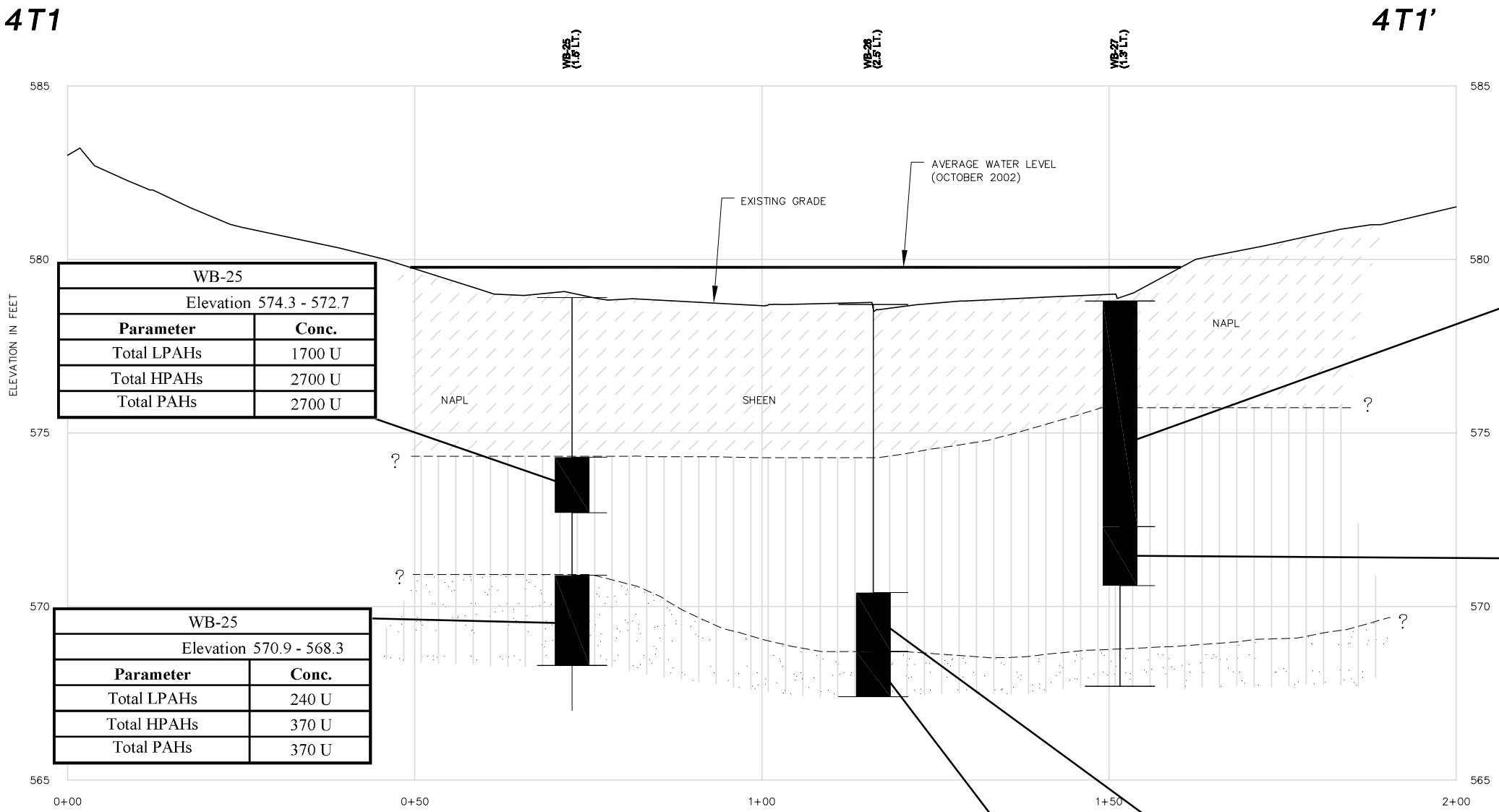

WB-27	
Elevation 578.8 - 572.3	
Parameter	**Conc.**
2-Methylnaphthalene	110000
Acenaphthene	**130000**
Acenaphthylene	**5500**
Anthracene	**69000**
Benzo(a)anthracene	**47000**
Benzo(a)pyrene	**23000**
Benzo(b)fluoranthene	17000
Benzo(ghi)perylene	9100
Benzo(k)fluoranthene	10000
Chrysene	**74000**
Dibenz(a,h)anthracene	**4500**
Fluoranthene	**63000**
Fluorene	**78000**
Indeno(1,2,3-cd)pyrene	6400
Naphthalene	**77000**
Phenanthrene	**200000**
Pyrene	**120000**
Total LPAHs	560000
Total HPAHs	370000
Total PAHs	**930000**

WB-25	
Elevation 574.3 - 572.7	
Parameter	**Conc.**
Total LPAHs	1700 U
Total HPAHs	2700 U
Total PAHs	2700 U

WB-25	
Elevation 570.9 - 568.3	
Parameter	**Conc.**
Total LPAHs	240 U
Total HPAHs	370 U
Total PAHs	370 U

WB-27	
Elevation 572.3 - 570.6	
Parameter	**Conc.**
Benzo(a)pyrene	630 J
Total LPAHs	260 U
Total HPAHs	630 J
Total PAHs	630 J

WB-26	
Elevation 568.7 - 567.4	
Parameter	**Conc.**
Total LPAHs	130 U
Total HPAHs	210 U
Total PAHs	210 U

WB-26	
Elevation 570.4 - 568.7	
Parameter	**Conc.**
Benzo(a)pyrene	420 J
Phenanthrene	270 J
Total LPAHs	270 J
Total HPAHs	420 J
Total PAHs	690 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 4-11B
REACH 4 TRANSECT T1
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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