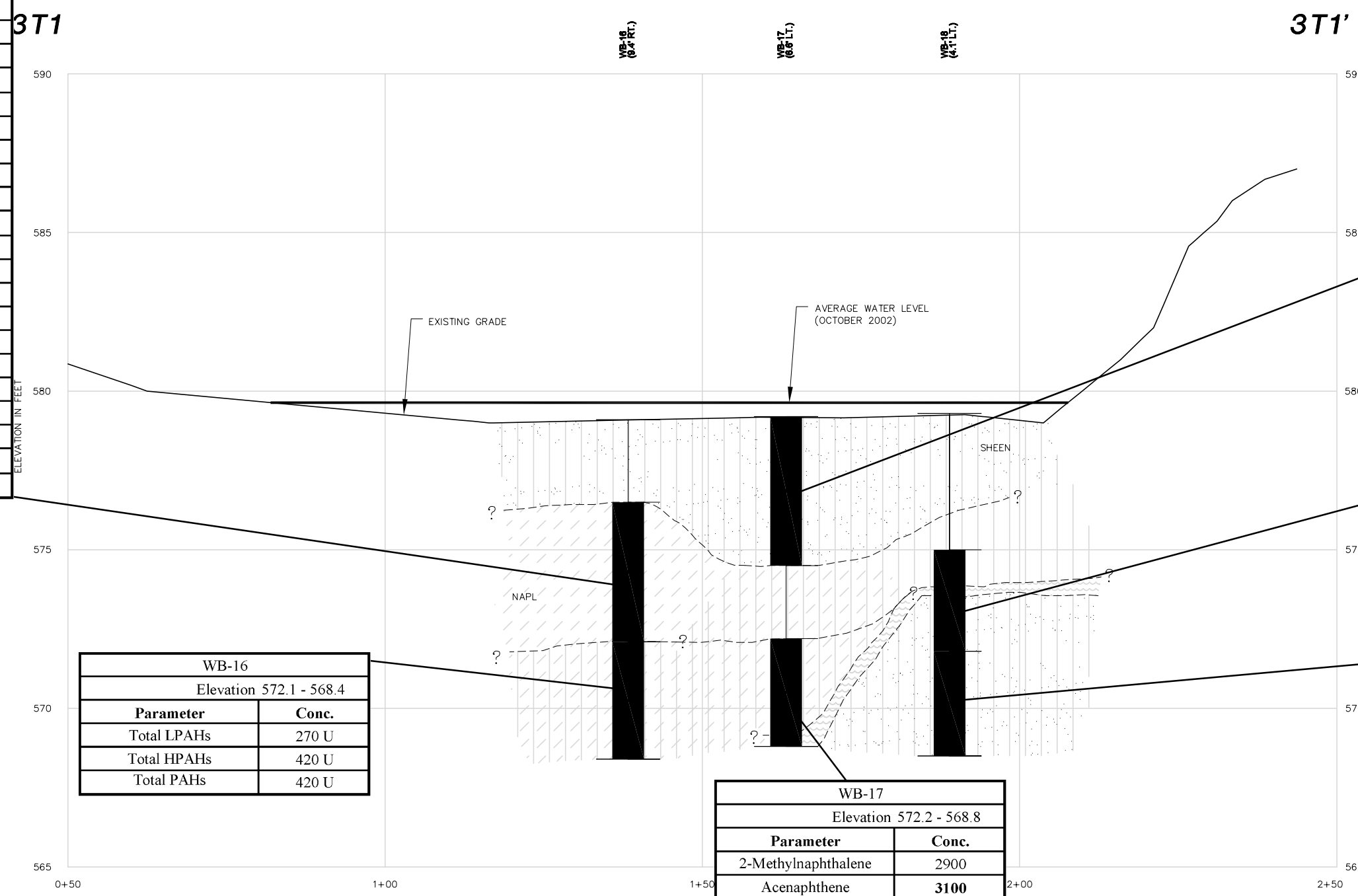
WB-16	
Elevation 576.5 - 572.1	
Parameter	**Conc.**
2-Methylnaphthalene	7100
Acenaphthene	**6100**
Acenaphthylene	**440 J**
Anthracene	**5600**
Benzo(a)anthracene	**7200**
Benzo(a)pyrene	**4300**
Benzo(b)fluoranthene	4000
Benzo(ghi)perylene	1900
Benzo(k)fluoranthene	2600
Chrysene	**11000**
Dibenz(a,h)anthracene	**860**
Fluoranthene	**10000**
Fluorene	**5100**
Indeno(1,2,3-cd)pyrene	1700
Naphthalene	**2900**
Phenanthrene	**35000**
Pyrene	**19000**
Total LPAHs	55000 J
Total HPAHs	63000
Total PAHs	**120000 J**



WB-17	
Elevation 579.2 - 574.5	
Parameter	**Conc.**
2-Methylnaphthalene	2000
Acenaphthene	**1200**
Anthracene	**3000**
Benzo(a)anthracene	**5600 (J)**
Benzo(a)pyrene	**3200**
Benzo(b)fluoranthene	2600
Benzo(ghi)perylene	1600
Benzo(k)fluoranthene	2800
Chrysene	**8400**
Dibenz(a,h)anthracene	**910**
Fluoranthene	**6600**
Fluorene	**2600**
Indeno(1,2,3-cd)pyrene	1300
Naphthalene	470 J
Phenanthrene	**15000**
Pyrene	**10000**
Total LPAHs	22000 J
Total HPAHs	43000 (J)
Total PAHs	**65000 J(J)**

WB-18	
Elevation 575 - 571.8	
Parameter	**Conc.**
Total LPAHs	240 U
Total HPAHs	370 U
Total PAHs	370 U

WB-16	
Elevation 572.1 - 568.4	
Parameter	**Conc.**
Total LPAHs	270 U
Total HPAHs	420 U
Total PAHs	420 U

WB-18	
Elevation 571.8 - 568.5	
Parameter	**Conc.**
Total LPAHs	130 U
Total HPAHs	200 U
Total PAHs	200 U

WB-17	
Elevation 572.2 - 568.8	
Parameter	**Conc.**
2-Methylnaphthalene	2900
Acenaphthene	**3100**
Anthracene	260 J
Fluorene	**990**
Naphthalene	**3600**
Phenanthrene	**1200**
Total LPAHs	9200 J
Total HPAHs	400 U
Total PAHs	9200 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 4-8B
REACH 3 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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