



**B-553 (14'-15')**

Benzene	3.03
Toluene	16.1
Acenaphthylene	36
Benzo(a)anthracene	31
Benzo(b)fluoranthene	56
Dibenz(a,h)anthracene	4.0
Indeno(1,2,3-cd)pyrene	1.4
Naphthalene	520
Phenanthrene	220

**B-553 (23'-24')**

Benzene	97.3
Ethylbenzene	32.9
Toluene	184
Acenaphthylene	660
Benzo(a)anthracene	180
Benzo(b)fluoranthene	180
Chrysene	149
Dibenz(a,h)anthracene	200
Fluorene	17
Indeno(1,2,3-cd)pyrene	52
Naphthalene	2600
Phenanthrene	980

**B-550 (10'-11')**

Benzene	1.24
Benzo(a)anthracene	6.7
Naphthalene	35

**B-503 (10'-11')**

Benzene	0.223
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**B-503 (18'-19')**

Benzene	3.0
Ethylbenzene	4.7
Benzo(a)anthracene	31
Benzo(b)fluoranthene	82
Dibenz(a,h)anthracene	88
Indeno(1,2,3-cd)pyrene	5.8
Naphthalene	21

**B-502 (11'-12')**

Benzene	30.3
Ethylbenzene	25.3
Toluene	108
Xylene	228
Acenaphthylene	50
Benzo(a)anthracene	5
Benzo(b)fluoranthene	48
Dibenz(a,h)anthracene	5.5
Indeno(1,2,3-cd)pyrene	17
Naphthalene	680
Phenanthrene	270

**B-502 (23'-24')**

Benzene	0.423
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**B-501 (14'-15')**

Benzene	16.4
Acenaphthylene	89
Benzo(a)anthracene	66
Benzo(b)fluoranthene	72
Dibenz(a,h)anthracene	7.3
Indeno(1,2,3-cd)pyrene	2.4
Naphthalene	820
Phenanthrene	350

**B-504 (13'-14')**

Benzene	15.1
Ethylbenzene	28.5
Acenaphthylene	20
Benzo(a)anthracene	17
Benzo(b)fluoranthene	16
Chrysene	230
Naphthalene	230

**B-561 (12'-13')**

Benzene	0.204
Benzo(a)anthracene	29
Benzo(b)fluoranthene	29
Naphthalene	320
Phenanthrene	160

**UTB-01 (21'-23')**

Benzene	0.88
Ethylbenzene	30
Benzo(a)anthracene	24
Benzo(b)fluoranthene	20
Naphthalene	320
Phenanthrene	160

**B-562 (13'-14')**

Benzene	6.26
Ethylbenzene	58.5
Benzo(a)anthracene	28
Benzo(b)fluoranthene	22
Naphthalene	18
Phenanthrene	320
Indeno(1,2,3-cd)pyrene	170

**B-562 (17'-18')**

Benzene	5.62
Acenaphthylene	230
Benzo(a)anthracene	79
Benzo(b)fluoranthene	86
Indeno(1,2,3-cd)pyrene	7.4
Naphthalene	116
Phenanthrene	590

**B-556 (19'-20')**

Benzene	3.35
Acenaphthylene	52
Benzo(a)anthracene	13
Benzo(b)fluoranthene	17
Naphthalene	11
Phenanthrene	240

**B-567 (11'-12')**

Benzene	0.0908
Benzo(a)anthracene	2.3

**B-508 (10'-11')**

Benzene	2.56
Ethylbenzene	37.1
Benzo(a)anthracene	13
Benzo(b)fluoranthene	13
Naphthalene	190

**B-558 (17'-18')**

Benzene	0.0805
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**B-507 (18'-19')**

Benzene	639
Ethylbenzene	441
Toluene	1840
Xylene	1300
Acenaphthylene	700
Benzo(a)anthracene	260
Benzo(b)fluoranthene	240
Benzo(k)fluoranthene	170
Chrysene	240
Indeno(1,2,3-cd)pyrene	70
Naphthalene	4804
Phenanthrene	940

**B-560 (12'-13')**

Benzene	0.0888
Ethylbenzene	16.8
Benzo(a)anthracene	1.7
Benzo(b)fluoranthene	2.6
Naphthalene	16
Phenanthrene	290

**B-509 (17'-18')**

Benzene	6.25
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**B-506 (16'-17')**

Benzene	444
Ethylbenzene	122
Toluene	676
Xylene	548
Acenaphthylene	390
Benzo(a)anthracene	79
Benzo(b)fluoranthene	92
Dibenz(a,h)anthracene	7.3
Indeno(1,2,3-cd)pyrene	5.3
Naphthalene	2200
Phenanthrene	610

**B-516 (13'-14')**

Benzene	5.45
Benzo(a)anthracene	3.0
Indeno(1,2,3-cd)pyrene	130

NOTE: THE HISTORICAL MANUFACTURED GAS PLANT STRUCTURES ARE A COMPOSITE FROM SANBORN FIRE INSURANCE MAPS AND HISTORICAL AMERENIP SITE PLANS. THE EXACT LOCATIONS OF THE FEATURES IS NOT KNOWN. STRUCTURES AND BUILDINGS MAY HAVE SERVED MULTIPLE PURPOSES DURING THE OPERATION OF THE PLANT.

SOURCE: THE SOURCE FOR THE PROPERTY BOUNDARY SURVEY IS VEGRZYN, SARVER AND ASSOCIATES.

NOTES: 1. Analytical results in milligrams / Kilograms (mg/Kg)  
2. For complete results refer to table G-9 of the SIF.



- LEGEND**
- HISTORICAL MANUFACTURED GAS PLANT STRUCTURES
  - FORMER GAS PLANT PILING
  - EXISTING STRUCTURES (APPROXIMATE)
  - CURRENT AMERENIP PROPERTY BOUNDARY
  - REMEDIATION SITE BOUNDARY
  - LOT LINE
  - - - FENCE
  - UTB-02 PHASE II BORING
  - B-557 CSI PROBEHOLE
  - R3-509 CSI TEST PIT
  - ⊕ CSS-4 PHASE II SURFACE SOIL

NO.	REVISION	BY	APPR.	DATE

PROJECT TITLE  
CHAMPAIGN MGP SITE  
CHAMPAIGN, ILLINOIS  
AMERENIP

SHEET TITLE  
CONSTITUENTS EXCEEDING TIER 1 ROS  
SOIL TO GROUNDWATER PATHWAY  
GREATER THAN 10' DEPTH  
BTEX AND PAHS

DATE  
7/15/05

PROJECT NUMBER  
62402647

DRAWN BY  
TMM

CHECKED BY  
PTS

APPROVED BY

DRAWING NO.  
FIGURE 6-10

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