ENSR
40 British American Boulevard, Latham, NY 12110
T **518.951.2200** F **518.951.2300** www.ensr.aecom.com

October 14, 2008

Mr. Charles Burke, P.E.
Risk Management Department
National Fuel Gas Distribution Corp.
Building 8
365 Mineral Springs Road
Buffalo, NY 14210

Subject: Annual Operations and Maintenance Report
2008 Mineral Springs Road Site

Dear Charlie,

ENSR Corporation (ENSR) is pleased to provide this annual report documenting the results of the site-wide operations and maintenance program being implemented at National Fuel Gas Distribution Corporation's (NFG) Mineral Springs Road former manufactured gas plant (MGP) site under Voluntary Cleanup Agreement B9-0538-98-08. The program is described in RETEC's Final Engineering Report – Volume II, Operations and Maintenance Plan, dated May 2002, and subsequent NYSDEC correspondence.

1. Evaluation of Groundwater and Surface Water Monitoring Results

The Mineral Springs groundwater and surface water monitoring program includes sample collection and analysis from 13 monitoring wells and 2 surface water locations. The analytical results (from August 1995 to date) are tabulated in Appendix A. Sampling locations are shown in Figure 1-1.

Groundwater Elevations and Flow

Groundwater flows onto the site from the east and southeast, then flows to the west and northwest towards Calais Street, Mineral Springs Road, and ultimately to the Buffalo River. On-site groundwater also appears to discharge to the Class D Stream, which in turn discharges to the Calais Street storm sewer and the municipal wastewater treatment system.

Groundwater elevations generally fluctuate approximately 3 feet over the year, with highest elevations measured in April and lowest in June through November. Groundwater slope varies seasonally between approximately 0.0017 to 0.0024 cm/cm across the site. Assuming an aquifer conductivity of approximately 1×10^{-3} cm/sec, groundwater velocity across the site would be in the magnitude of 0.06 feet per day.

Sampling and Analysis

The primary compounds of concern (COC) are the MGP indicators BTEX, PAHs, and cyanide. Groundwater and surface water samples are analyzed using some or all of the following methods:

BTEX	Method SW846 8260B
PAHs	Method SW846 8270C
Cyanide (free)	Method ASTM D4282-95
Cyanide (total)	Method APHA 4500-CN^-

All sampling and analysis is conducted according to RETEC's Standard Operating Procedures as provided in the project Quality Assurance Plan of June 11, 1999. Cyanide sampling methods further include protecting the samples from sunlight and field verification of the sample pH following preservation.

Analytical Results and Conclusions

Groundwater and surface water analytical results (1995 to date) are tabulated in Appendix A. The locations, sampling objectives, and a discussion of the analytical results for each of the specific areas of interest at the site are provided in the following sections.

Upgradient Site Perimeter

Well MW-17 is located on NFG property in the southeast corner of the site and monitors upgradient groundwater quality.

Other than total cyanide, MGP COCs are not typically present in detectable concentrations in the upgradient groundwater. The total cyanide concentration at MW-17 has ranged from below the detection limit to 378 µg/L. When viewed over time, there appears to be a slight upward trend in total cyanide at MW-17. Free cyanide is not typically detected at MW-17; however, it was detected during the April 2008 sampling event.

Downgradient Site Perimeter

Wells MW-20 and MW-21 are located downgradient of the western boundary of the site on Calais Street. Wells MW-13, MW-14, MW-22, and MW-23 are located just inside the northern property boundary near Mineral Springs Road. These six "sentinel" wells monitor groundwater quality at the downgradient perimeter of the site. The sentinel wells are typically analyzed for total and free cyanide only. On an annual basis, MW-13 and MW-23 are also analyzed for BTEX and PAHs.

Low concentrations of benzene are occasionally detected at MW-13. BTEX and PAHs are not otherwise detected in MW-13 or MW-23. Off-site groundwater does not appear to be impacted by hydrocarbon COC from the Mineral Springs site.

All six of the sentinel wells contain, or have periodically contained, total cyanide in concentrations above the NYSDEC groundwater standard of 200 µg/L. Free cyanide has also occasionally been detected in the sentinel wells.

The average downgradient perimeter concentration of total cyanide has ranged between 342 µg/L and 650 µg/L, and appears to be declining over time.

On-site Purifier Residuals Impacted Areas

Wells MW-12 and MW-16 monitor groundwater quality at locations of known subsurface deposits of gas purifier residuals. These deposits were remediated by capping. Samples from these two wells are typically analyzed for total and free cyanide only.

Concentrations of total cyanide at both wells exceed the groundwater standard. Free cyanide has also been detected in samples from both of these wells.

On-site Hydrocarbon Impacted Areas

Wells MW-7, MW-10, MW-11A, and MW-19 monitor on-site groundwater at locations downgradient of hydrocarbon-impacted subsurface soil. Samples from these wells are analyzed for BTEX and PAHs.

BTEX and PAH compounds are not typically detected in MW-10. BTEX and PAH concentrations in MW-11A have generally been in decline since its installation in July 2003. BTEX and naphthalene concentrations in MW-7 and MW-19 are in excess of groundwater standards and have fluctuated with apparent declines and rebounds over time.

Surface Water

Surface water samples are collected at the Calais Street storm sewer inlet (SW-01) and at the Eastern Drainage Ditch near the Class D Stream (SW-02). These surface sampling locations monitor the effectiveness of the Eastern Drainage Ditch Cap and also monitor the concentrations of COC in surface water at its most downgradient location at the Mineral Springs site.

BTEX and PAHs are not typically detected in the surface water samples. Total cyanide is usually detected, though at concentrations well below standards. Free cyanide is often detected, also typically at low concentrations, with infrequent exceedances of the surface water standard.

DNAPL Recovery Test System Evaluation

The groundwater monitoring program includes periodically checking the DNAPL Recovery Test Well (RTW-01) and recovery of any accumulated DNAPL. In the past 12 months, no measurable quantity of DNAPL had accumulated.

2. Site Inspection and Maintenance

An annual site inspection was conducted on May 29, 2008 by Mr. Dan Shearer, P.E., of ENSR. The inspection checklist is included as Appendix B.

Clay Caps

Clay caps are located behind Building 14 and in the Eastern Drainage Ditch north of the northern culvert and south of the southern culvert.

The clay cap behind Building 14 has been mowed periodically to prevent tree growth. Blue-stained soils (purifier residuals) were visible during the 2007 inspection. These soils, which were found outside the footprint of the cap and 1-foot wide clay barrier wall, were excavated on August 1, 2007 and stockpiled on and covered with 6-mil thick polyethylene. The stockpiled soils were disposed off site on January 28, 2008.

There appeared to be no significant damage to the Building 14 clay cap. However, woodchuck dens were observed along the northern and western edge of the clay cap.

In the clay-capped sections of the Eastern Drainage Ditch, no erosion, woodchuck dens, deep-rooted perennial plant species, or hydrocarbon sheen were observed. Debris was noted at the north end of the drainage ditch with significant debris below the Building 14 clay cap.

Geomembrane Caps

Geomembrane caps, constructed of 40-mil HDPE and soil or stone cover, are located in the Eastern Swale and in the Eastern Drainage Ditch between the culverts.

The Eastern Swale cap has been mowed periodically. No HDPE plastic or geofabric, woodchuck dens, or blue-stained surface soil were visible.

The Eastern Drainage Ditch cap includes an 18-inch diameter HDPE surface water drain pipe. The pipe flow was low at the time of observation. There was no erosion, woodchuck dens, deep-rooted perennial plant species, or hydrocarbon sheen observed. The "no dig" signage was in place.

Asphalt Caps

The asphalt caps are located south and east of Building 3, and north and south of the Eastern Swale.

The asphalt caps south of Building 3 and north of the Eastern Swale had cracks and ruts that were addressed during the 2008 Interim Remedial Measure (IRM). The cap south of the Eastern Swale had ruts in the trafficked area but had no cracks of significance. These caps showed no erosion and no blue-stained soil was visible in the area.

The cap east of Building 3 also had cracks and ruts. In addition, blue-stained soil was visible in the gravel parking lot to the east of the cap. This area was capped with asphalt during the 2008 IRM. The edges of all the caps have been mowed periodically.

Other Areas

Throughout the remainder of the site, no tar boils or blue-stained soils were observed.

No hydrocarbon sheens were observed in the Class D Stream or the Eastern Drainage Ditch. Heavy algal blooms were noted on the Class D Stream.

The compacted backfill placed in the various former Tar Boils and Separator Pit excavations has been maintained as necessary to assure run-off control. These areas showed minimal ponding of surface water.

The site perimeter security fence was observed to be intact. Woodchuck dens were observed near the southern fence.

3. Asphalt Cap Construction Interim Remedial Measure

NFG conducted an IRM at the Mineral Springs facility in June and July of 2008. Work included the placement of nearly 25,000 square feet of asphalt cap adjacent to previously installed asphalt cap east of Building 3 to address visual observations of blue-stained soils and filling of more than 3,000 linear feet of cracks on existing asphalt cap. The IRM Report will be provided under separate cover (Appendix D).

4. Conclusions

Groundwater concentrations of cyanide appear (by linear regression) to be in slight decline in the downgradient wells, though the decline may not be statistically significant.

Groundwater concentrations of hydrocarbon COC in MW-19 may be slightly increasing over time, while they are slightly decreasing in MW-7. Except for periodic low detections of benzene at MW-13, hydrocarbon COCs do not appear to be migrating at or beyond the site property line.

5. Recommendations

ENSR recommends that the asphalt cap areas originally installed as part of the Site's 2000 Remedial Action be resealed by 2010. Crack repairs were performed as part of the 2008 IRM, however, sealing these repaired areas will extend the lifespan of the caps. ENSR also recommends continued monitoring of asphalt caps and cracks that were repaired during the 2008 IRM.

An Annual Certification of Institutional/Engineering Controls is attached in Appendix C.

Please call me with questions at 518-951-2288.

Sincerely yours,

Dan Shearer, P.E.
Project Engineer

Attachments: Photographs
Figure 1-1 – Site Plan
Appendix A – Groundwater and Surface Water Analytical Results (Tables)
Appendix B – Annual Site Inspection Form
Appendix C – Certification of Institutional/Engineering Controls
Appendix D – 2008 IRM Report (to be provided under separate cover)

cc: T. Alexander – NFG
D. Szymanski – NYSDEC
M. Doster – NYSDEC
G. Bailey – NYSDEC
G. Litwin – NYSDOH
C. O'Connor – NYSDOH
R. Kennedy – Hogdson Russ LLP
File: 04870-026-400

Photographs

ENSR | AECOM

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
National Fuel Gas Distribution Corp.	365 Mineral Springs Road, Buffalo, New York	04870-026-400

Photo No.	Date:
1	5/29/08

Direction Photo Taken:

From South

Description:

Building 14 Clay Cap (Stressed Vegetation Area caused by soil stockpile that was staged in that area on 6-mil poly from August 2007 until January 2008)

Photo No.	Date:
2	5/29/08

Direction Photo Taken:

From West

Description:

Building 14 Clay Cap

ENSR | AECOM

PHOTOGRAPHIC LOG

Client Name: National Fuel Gas Distribution Corp.	**Site Location:** 365 Mineral Springs Road, Buffalo, New York	**Project No.** 04870-026-400

Photo No. 3	**Date:** 5/29/08

Direction Photo Taken:

From North

Description:

Culvert SW of Building 14 Clay Cap

Photo No. 4	**Date:** 5/29/08

Direction Photo Taken:

From North

Description:

Culvert SW of Building 14 Clay Cap

ENSR | AECOM

PHOTOGRAPHIC LOG

Client Name: National Fuel Gas Distribution Corp.	**Site Location:** 365 Mineral Springs Road, Buffalo, New York	**Project No.** 04870-026-400

Photo No. 5	**Date:** 5/29/08

Direction Photo Taken:

From North

Description:

Eastern Drainage Ditch

Photo No. 6	**Date:** 5/29/08

Direction Photo Taken:

From South

Description:

Eastern Drainage Ditch

ENSR | AECOM

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
National Fuel Gas Distribution Corp.	365 Mineral Springs Road, Buffalo, New York	04870-026-400

Photo No.	Date:
7	5/29/08

Direction Photo Taken:

From South

Description:

North Culvert of Eastern Drainage Ditch

Photo No.	Date:
8	5/29/08

Direction Photo Taken:

From South

Description:

Eastern Drainage Ditch - North Influent to South Culvert

ENSR | AECOM

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
National Fuel Gas Distribution Corp.	365 Mineral Springs Road, Buffalo, New York	04870-026-400

Photo No.	Date:
9	5/29/08

Direction Photo Taken:

From West

Description:

Drainage Ditch Downstream of South Culvert

Photo No.	Date:
10	5/29/08

Direction Photo Taken:

From West

Description:

Bacteria along Bank of SE segment of Drainage Ditch

ENSR | AECOM

PHOTOGRAPHIC LOG

Client Name:	**Site Location:**	**Project No.**
National Fuel Gas Distribution Corp.	365 Mineral Springs Road, Buffalo, New York	04870-026-400

Photo No.	**Date:**
11	5/29/08

Direction Photo Taken:

From North

Description:

Drainage Ditch SE of South Culvert

Photo No.	**Date:**
12	5/29/08

Direction Photo Taken:

From East

Description:

Former Eastern Tar Boils Excavation Area

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PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
National Fuel Gas Distribution Corp.	365 Mineral Springs Road, Buffalo, New York	04870-026-400

Photo No.	Date:
13	5/29/08

Direction Photo Taken:

From West

Description:

Eastern Swale HDPE Cap

Photo No.	Date:
14	5/29/08

Direction Photo Taken:

From South

Description:

Eastern Side of Building 3 South Asphalt Cap

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PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
National Fuel Gas Distribution Corp.	365 Mineral Springs Road, Buffalo, New York	04870-026-400

Photo No.	Date:
15	5/29/08

Direction Photo Taken:

From South

Description:

Western Side of Building 3 South Asphalt Cap

Photo No.	Date:
16	5/29/08

Direction Photo Taken:

From Southwest

Description:

SW Residuals Excavation Area

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PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
National Fuel Gas Distribution Corp.	365 Mineral Springs Road, Buffalo, New York	04870-026-400

Photo No.	Date:
17	5/29/08

Direction Photo Taken:

From Northeast

Description:

Drainage Swale in SW Residuals Excavation Area

Photo No.	Date:
18	5/29/08

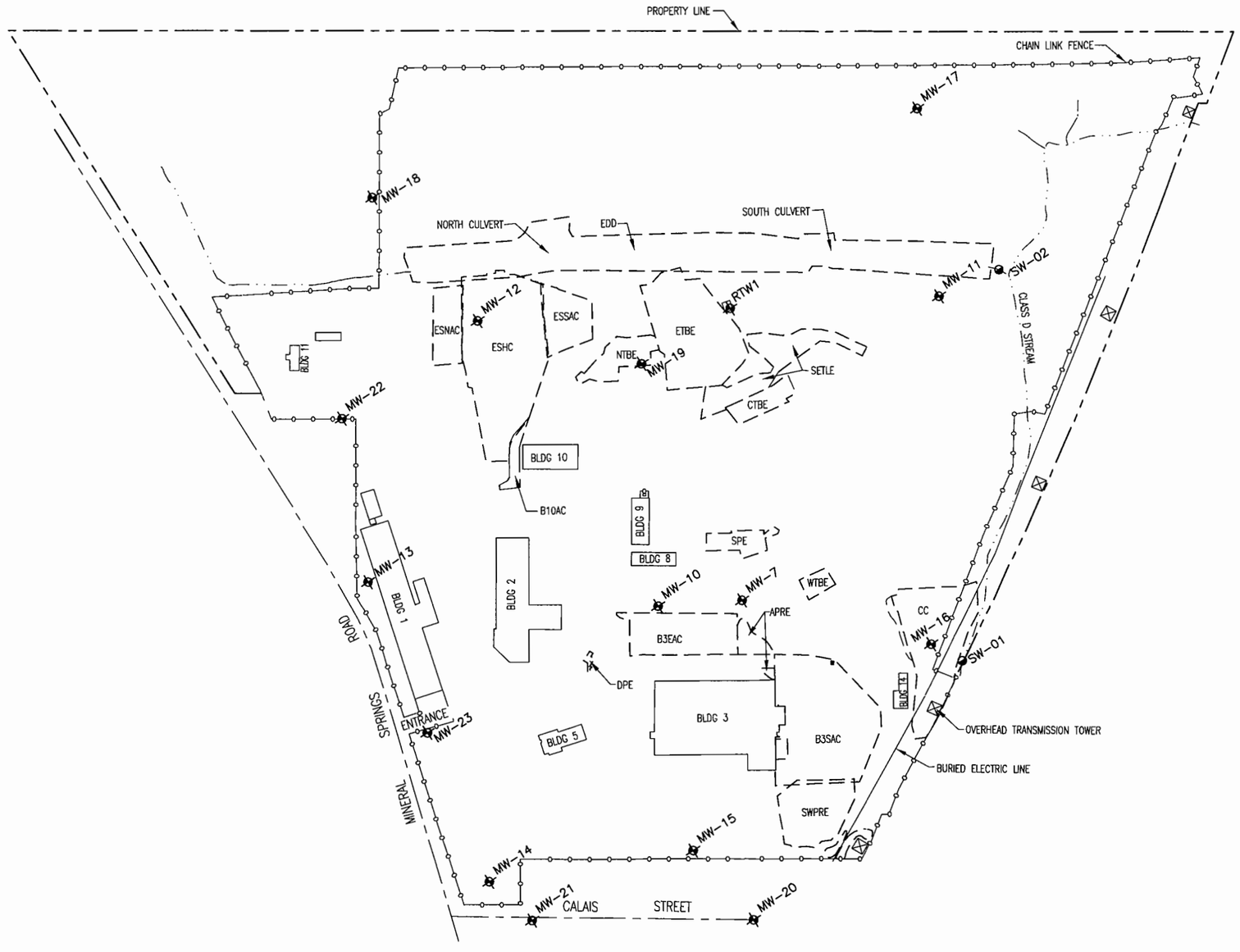
Direction Photo Taken:

From East

Description:

Fence along Southern Boundary of Site

Figure 1-1 – Site Plan



LEGEND

———	EXISTING STRUCTURE
- - - - -	REMEDIAL CONSTRUCTION
⊕	MONITORING WELLS
◒	SURFACE WATER SAMPLE LOCATION
APRE	ADDITIONAL PURIFIER RESIDUALS EXCAVATION
B3EAC	BUILDING 3 EAST ASPHALT CAP
B3SAC	BUILDING 3 SOUTH ASPHALT CAP
B10AC	BUILDING 10 ASPHALT CAP
CC	CLAY CAP
CTBE	CENTRAL TAR BOILS EXCAVATION
DPE	DIESEL PAD EXCAVATION
EDD	EASTERN DRAINAGE DITCH
ESHC	EASTERN SWALE HDPE CAP
ESNAC	EASTERN SWALE NORTH ASPHALT CAP
ESSAC	EASTERN SWALE SOUTH ASPHALT CAP
ETBE	EASTERN TAR BOILS EXCAVATION
NTBE	NORTHERN TAR BOILS EXCAVATION
RTW1	RECOVERY TEST WELL AND DNAPL SHED
SETLE	SOUTHEASTERN TAR LENSES EXCAVATION
SPE	SEPARATOR PITS EXCAVATION
SWPRE	SOUTHWEST RESIDUALS EXCAVATION
WTBE	WESTERN TAR BOILS EXCAVATION

150 0 300

1"=300'

RETEC

MINERAL SPRINGS ROAD MGP SITE NFGD3-14852			AS-BUILT SITE PLAN
DATE: 06/14/06	DRWN: MAW/BIL		FIGURE 1-1

Appendix A

Groundwater and Surface Water Analytical Results (Tables)

Mineral Springs

All units ug/L

MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene	3320	1210	4900		5100	5200	4800	3900	3300	2700	2200	3000	2100	1900	3200	2800	2000	1700	2800	2000	2900	2600	2000	1900	490
Toluene	389	20	750		2000	2700	2500	3400	1700	1500	1200	1400	1200	930	1700	1800	1300	930	1100	840	1100	570	620	100	270
Ethylbenzene	2400	410	2900		3700	3600	3300	2000	2100	2300	1900	2200	1900	1900	2700	2500	2500	1800	2700	2200	3100	2500	2500	2000	410
Xylene (sum of isomers)	1038	63	1200		1800	1900	1800	1600	1100	1200	1100	1100	1100	1000	1400	1200	1400	1000	1600	1300	1800	1500	1400	1100	270
Total BTEX	7147	1703	9750		12600	13400	12400	10900	8200	7700	6400	7700	6300	5730	9000	8300	7200	5430	8200	6340	8900	7170	6520	5100	1440
Naphthalene	3270	3000	2400		4100	5900	3400	3400	3600	2200	2600	5000	3100	3800	3200	3700	2700	4600	3500	3600	3000	3600	3700	3100	430
Acenaphthylene	nd	nd	nd		nd	nd	nd	2.2	nd	nd	nd	nd	nd	nd	nd	nd	3	nd	nd	nd	nd	nd	nd	nd	2.5
Acenaphthene	240	150	180		180	180	150	140	160	80	120	150	nd	160	120	160	180	160	130	220	120	130	nd	130	19
Fluorene	nd	28	45		nd	nd	nd	28	nd	nd	nd	33	nd	nd	27	nd	42	nd	24	46	32	24	nd	25	7.6
Phenanthrene	nd	nd	37		nd	nd	nd	32	nd	nd	nd	30	nd	nd	nd	nd	38	nd	nd	nd	33	28	nd	25	2.5
Anthracene	nd	nd	nd		nd	nd	nd	3.6	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	5.4	3.9	nd	3	2.5
Fluoranthene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Pyrene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(a)Anthracene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chrysene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(b)Fluoranthene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(k)Fluoranthene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(a)Pyrene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Indeno(1,2,3-cd)Pyrene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibenzo(a,h)Anthracene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.47	nd	nd	nd	nd
Benzo(g,h,i)Perylene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2-Methylnaphthalene							180	190	200	100	180	230	nd	280	170	270	320	300	230	400	350	250	270	230	24
Total PAHs	3510	3178	2662		4280	6080	3730	3796	3960	2380	2900	5443	3100	4240	3517	4130	3283	5060	3884	4266	3541	4036	3970	3513	488
Cyanide, total (Exygen)			189																						
Cyanide, total (Clarkson Univ.)																									
Cyanide, free (Exygen)																									
Cyanide, free (Clarkson Univ.)																									
Water Elevation (feet)			580.13	581.68	579.84	581.70	581.50	579.98	580.58	582.01	580.96	580.26	581.66	580.31	580.32	582.45	581.24	581.36	582.28	579.76	581.90	579.24	582.58	578.21	581.99

All units ug/L

MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10	MW-10
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	1.2	nd	nd	nd	nd	nd	0.83	nd	nd	nd	nd	nd	nd
Toluene	nd	nd	nd		nd	nd	nd	nd	nd	0.89	nd	nd	0.81	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	0.9	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.3	nd
Xylene (sum of isomers)	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.66	nd
Total BTEX	0	0	0		0	0	0	0	0	0.89	0	0	2.91	0	0	0	0	0	0.83	0	0	0	0	1.96	0
Naphthalene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	2.1	nd	nd	nd	nd	nd	nd	0.78	nd	43	nd	nd	2.3	nd
Acenaphthylene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Acenaphthene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Fluorene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Phenanthrene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Anthracene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Fluoranthene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Pyrene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(a)Anthracene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chrysene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(b)Fluoranthene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(k)Fluoranthene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(a)Pyrene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Indeno(1,2,3-cd)Pyrene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibenzo(a,h)Anthracene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(g,h,i)Perylene	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2-Methylnaphthalene							nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	3.8	nd	nd	nd	nd
Total PAHs	0	0	0		0	0	0	0	0	0	0	2.1	0	0	0	0	0	0	0.78	0	46.8	0	0	2.3	0
Cyanide, total (Exygen)			334																						
Cyanide, total (Clarkson Univ.)																									
Cyanide, free (Exygen)																									
Cyanide, free (Clarkson Univ.)																									
Water Elevation (feet)			579.87	581.44	579.33	581.19	581.07	579.64	580.10	581.61	580.51	579.51	581.23	579.93	579.16	581.92	580.80	580.90	581.78	579.53	581.15	580.04	582.06	578.19	581.51

MW-11 / MW-11A	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11A	MW-11A	MW-11A	MW-11A	MW-11A	MW-11A	MW-11A	MW-11A	MW-11A	MW-11A	MW-11A	MW-11A
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene			35		nd	nd	nd	nd		nd	nd	nd	nd	350	80	50	270	150	140	250	67	140	100	180	230
Toluene			17		nd	nd	nd	68		nd	3.8	nd	nd	230	1.2	0.7	35	nd	1.2	7	0.56	1.2	0.99	nd	5.5
Ethylbenzene			94		nd	nd	nd	nd		nd	nd	nd	nd	650	3.5	6.9	30	5.4	9.6	38	2.5	8.7	2.8	5.5	69
Xylene (sum of isomers)			83		7	nd	nd	nd		nd	nd	nd	nd	410	9.1	9.2	38	16	16	30	8.1	14	5.5	29	41
Total BTEX			229		7	0	0	68		0	4	0	0	1640	94	67	373	171	167	325	78	164	109	215	346
Naphthalene			140		12	nd	nd	nd		nd	nd	nd	nd	150	130	nd	39	31	nd	20	2.9	nd	nd	0.79	7.1
Acenaphthylene			9		2	nd	nd	nd		nd	nd	nd	nd	12	8.4	nd	7.9	9.4	2.8	8.9	5.1	nd	5.8	0.93	6.9
Acenaphthene			7		nd	nd	nd	nd		nd	nd	nd	nd	4.4	3.1	1.2	4.5	5.9	4.5	5.6	nd	nd	nd	2.7	5.6
Fluorene			nd		nd	nd	nd	nd		nd	nd	nd	nd	2.2	nd	nd	1.9	2.3	1.3	1.7	1.5	nd	nd	nd	5.1
Phenanthrene			nd		nd	nd	nd	nd		nd	nd	nd	nd	2.7	2.2	nd	3.7	6.4	nd	2	nd	nd	nd	nd	1.5
Anthracene			nd		nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	0.5	1.6	nd	nd	nd	nd	nd	nd	2.2
Fluoranthene			nd		nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	0.3	nd	nd	nd	nd	0.57	nd
Pyrene			nd		nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	0.3	0.73	0.46	0.33	nd	nd	nd	1.2	nd
Benzo(a)Anthracene			nd		nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chrysene			nd		nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(b)Fluoranthene			nd		nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(k)Fluoranthene			nd		nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(a)Pyrene			nd		nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Indeno(1,2,3-cd)Pyrene			nd		nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibenzo(a,h)Anthracene			nd		nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(g,h,i)Perylene			nd		nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2-Methylnaphthalene							nd	nd		nd	nd	nd	nd	31	4.4	nd	0.26	nd	nd	0.15	nd	nd	nd	nd	nd
Total PAHs			156		14	0	0	0		0	0	0	0	202	148	1	58	57	9	39	10	0	6	6	28
Cyanide, total (Exygen)			1040						1340																
Cyanide, total (Clarkson Univ.)																									
Cyanide, free (Exygen)									nd																
Cyanide, free (Clarkson Univ.)																									
Water Elevation (feet)			580.28	582.26	579.82	583.55	583.85	579.28	581.30	583.85	581.32	581.03	582.97	580.70	581.11	583.03	581.54	581.87	582.74	580.09	582.38	580.78	583.07	578.46	582.43

MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene			17																						
Toluene			nd																						
Ethylbenzene			nd																						
Xylene (sum of isomers)			nd																						
Total BTEX			17																						
Naphthalene			nd																						
Acenaphthylene			nd																						
Acenaphthene			nd																						
Fluorene			nd																						
Phenanthrene			nd																						
Anthracene			nd																						
Fluoranthene			nd																						
Pyrene			nd																						
Benzo(a)Anthracene			nd																						
Chrysene			nd																						
Benzo(b)Fluoranthene			nd																						
Benzo(k)Fluoranthene			nd																						
Benzo(a)Pyrene			nd																						
Indeno(1,2,3-cd)Pyrene			nd																						
Dibenzo(a,h)Anthracene			nd																						
Benzo(g,h,i)Perylene			nd																						
2-Methylnaphthalene																									
Total PAHs			0																						
Cyanide, total (Exygen)			375		294	380	434	1840	393	522	2020	438	440	384	437	134	458	514	2110						
Cyanide, total (Clarkson Univ.)																	461	491	425	413	440	415	459	454	473
Cyanide, free (Exygen)						nd	nd	nd	nd	nd	58	7	nd	88	57	19	6	5	817						
Cyanide, free (Clarkson Univ.)																6.7	nd	nd	3.3	2.9	2.6	nd	nd	6.8	25
Water Elevation (feet)			579.45	581.07	578.98	580.90	580.72	579.30	579.54	581.40	580.30	579.29	580.82	579.59	579.75	581.55	580.39	580.51	581.48	579.27	580.96	579.78	581.88	578.7	581.25

MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene			4	nd								1.8			3.7			1.2				1.9		2.1	nd
Toluene			nd	nd								nd			nd			nd				nd		nd	nd
Ethylbenzene			nd	nd								nd			nd			nd				nd		0.38	nd
Xylene (sum of isomers)			nd	nd								nd			nd			nd				nd		nd	nd
Total BTEX			4	0								1.8			3.7			1.2				1.9		2.48	0
Naphthalene			nd									nd			nd			nd				2.8		0.88	nd
Acenaphthylene			nd									nd			nd			nd				nd		nd	nd
Acenaphthene			nd									nd			nd			nd				nd		nd	nd
Fluorene			nd									nd			nd			nd				nd		nd	nd
Phenanthrene			nd									nd			nd			nd				nd		nd	nd
Anthracene			nd									nd			nd			nd				nd		nd	nd
Fluoranthene			nd									nd			nd			nd				nd		nd	nd
Pyrene			nd									nd			nd			nd				nd		nd	nd
Benzo(a)Anthracene			nd									nd			nd			nd				nd		nd	nd
Chrysene			nd									nd			nd			nd				nd		nd	nd
Benzo(b)Fluoranthene			nd									nd			nd			nd				nd		nd	nd
Benzo(k)Fluoranthene			nd									nd			nd			nd				nd		nd	nd
Benzo(a)Pyrene			nd									nd			nd			nd				nd		nd	nd
Indeno(1,2,3-cd)Pyrene			nd									nd			nd			nd				nd		nd	nd
Dibenzo(a,h)Anthracene			nd									nd			nd			nd				nd		nd	nd
Benzo(g,h,i)Perylene			nd									nd			nd			nd				nd		nd	nd
2-Methylnaphthalene												nd			nd			nd				nd		nd	nd
Total PAHs			0									0			0			0				2.8		0.88	0
Cyanide, total (Exygen)			323		356	280	129	465	716	nd	157	399	142	423	528	175	108	280	103						
Cyanide, total (Clarkson Univ.)																	145	234	55	363	61	300	3	664	54
Cyanide, free (Exygen)						nd	33	119	nd	nd	96	13	nd	51	22	22	nd	nd	45						
Cyanide, free (Clarkson Univ.)																5.3	nd	nd	nd	3	nd	nd	nd	5.3	2.3
Water Elevation (feet)			578.17	579.72	577.70	579.47	579.28	577.91	578.23	579.90	578.80	577.83	579.23	578.13	578.18	579.78	587.69	578.80	579.87	577.95	579.42	578.30	580.29	577.3	579.65

All units ug/L

MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene			nd																						
Toluene			nd																						
Ethylbenzene			nd																						
Xylene (sum of isomers)			nd																						
Total BTEX			0																						
Naphthalene			nd																						
Acenaphthylene			nd																						
Acenaphthene			nd																						
Fluorene			nd																						
Phenanthrene			nd																						
Anthracene			nd																						
Fluoranthene			nd																						
Pyrene			nd																						
Benzo(a)Anthracene			nd																						
Chrysene			nd																						
Benzo(b)Fluoranthene			nd																						
Benzo(k)Fluoranthene			nd																						
Benzo(a)Pyrene			nd																						
Indeno(1,2,3-cd)Pyrene			nd																						
Dibenzo(a,h)Anthracene			nd																						
Benzo(g,h,i)Perylene			nd																						
2-Methylnaphthalene																			broken						
Total PAHs			0																no sample						
Cyanide, total (Exygen)			644		427	800	914	378	449	886	416	487	664	962	583	nd	503	537							
Cyanide, total (Clarkson Univ.)																	514	571		423	305	281	404	422	374
Cyanide, free (Exygen)						nd	nd	nd	nd	nd	17	12	nd	9	7	nd	14	13							
Cyanide, free (Clarkson Univ.)																nd	nd	nd		nd	nd	nd	nd	nd	4
Water Elevation (feet)			577.36	579.19	577.03	578.44	578.21	577.21	577.31	578.56	577.61	576.76	577.92	577.23	577.11	578.15	577.55	577.46		577.07	577.99	577.29	577.89	577.43	577.87

MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15	MW-15
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene			nd																						
Toluene			nd																						
Ethylbenzene			nd																						
Xylene (sum of isomers)			nd																						
Total BTEX			0																						
Naphthalene			nd																						
Acenaphthylene			nd																						
Acenaphthene			nd																						
Fluorene			nd																						
Phenanthrene			nd																						
Anthracene			nd																						
Fluoranthene			nd																						
Pyrene			nd																						
Benzo(a)Anthracene			nd																						
Chrysene			nd																						
Benzo(b)Fluoranthene			nd																						
Benzo(k)Fluoranthene			nd																						
Benzo(a)Pyrene			nd																						
Indeno(1,2,3-cd)Pyrene			nd																						
Dibenzo(a,h)Anthracene			nd																						
Benzo(g,h,i)Perylene			nd																						
2-Methylnaphthalene																									
Total PAHs			0																						
Cyanide, total (Exygen)			78.8																						
Cyanide, total (Clarkson Univ.)																									
Cyanide, free (Exygen)																									
Cyanide, free (Clarkson Univ.)																									
Water Elevation (feet)			579.11	579.81	578.70	580.15	580.55	578.98	579.49	580.98	579.48	578.88	580.40	579.11	579.30	581.04	579.99	---	580.54	579.45	580.54	579.36	---	577.89	580.60

MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene			nd																						
Toluene			nd																						
Ethylbenzene			nd																						
Xylene (sum of isomers)			nd																						
Total BTEX			0																						
Naphthalene			nd																						
Acenaphthylene			nd																						
Acenaphthene			nd																						
Fluorene			nd																						
Phenanthrene			nd																						
Anthracene			nd																						
Fluoranthene			nd																						
Pyrene			nd																						
Benzo(a)Anthracene			nd																						
Chrysene			nd																						
Benzo(b)Fluoranthene			nd																						
Benzo(k)Fluoranthene			nd																						
Benzo(a)Pyrene			nd																						
Indeno(1,2,3-cd)Pyrene			nd																						
Dibenzo(a,h)Anthracene			nd																						
Benzo(g,h,i)Perylene			nd																						
2-Methylnaphthalene																									
Total PAHs			0																						
Cyanide, total (Exygen)			346		459	360	214	214	138	174	23	187	203	130	220	254	297	293	307						
Cyanide, total (Clarkson Univ.)																	332	297	305	299	266	368	317	429	467
Cyanide, free (Exygen)						nd	nd	147	nd	nd	17	13	nd	89	20	95	12	104	nd						
Cyanide, free (Clarkson Univ.)																3.4	2.8	nd	nd	nd	nd	nd	nd	4	6.9
Water Elevation (feet)			580.17	581.49	579.66	581.81	581.59	580.06	580.77	582.08	580.23	580.34	581.92	580.42	580.95	582.83	581.35	581.72	581.08	579.91	582.14	580.56	582.87	578.25	581.82

MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.32	nd	nd	nd	nd	nd	nd	nd	nd	nd
Toluene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.1	nd
Xylene (sum of isomers)				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.63	nd
Total BTEX				0	0	0	0	0	0	0	0	0	0	0	0	0.32	0	0	0	0	0	0	0	1.73	0
Naphthalene				nd	nd	nd	nd	3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Acenaphthylene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Acenaphthene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Fluorene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Phenanthrene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Anthracene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Fluoranthene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Pyrene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(a)Anthracene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chrysene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(b)Fluoranthene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(k)Fluoranthene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(a)Pyrene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Indeno(1,2,3-cd)Pyrene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibenzo(a,h)Anthracene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(g,h,i)Perylene				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2-Methylnaphthalene							nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Total PAHs				0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide, total (Exygen)				34	nd	27	65	38	74	185	127	108	185	50	66	378	106	160	217						
Cyanide, total (Clarkson Univ.)																	142	162	260	161	263	183	369	148	285
Cyanide, free (Exygen)						nd	13	nd	nd	nd	nd	nd	nd	16	nd	nd	nd	nd	61						
Cyanide, free (Clarkson Univ.)																nd	nd	nd	nd	nd	5.2	nd	nd	nd	5.9
Water Elevation (feet)				582.36	579.73	581.90	581.96	580.12	580.88	582.38	579.86	580.48	582.01	580.46	580.96	582.40	581.27	581.72	582.71	579.96	582.14	580.62	582.87	578.36	583.02

All units ug/L

MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02
Benzene				nd	nd	nd	nd	nd	nd	nd
Toluene				nd	nd	nd	nd	1.1	nd	nd
Ethylbenzene				nd	nd	nd	nd	nd	nd	nd
Xylene (sum of isomers)				nd	nd	nd	nd	nd	nd	nd
Total BTEX				0	0	0	0	1.1	0	0
Naphthalene				nd	nd	nd	nd	nd	nd	nd
Acenaphthylene				nd	nd	nd	nd	nd	nd	nd
Acenaphthene				nd	nd	nd	nd	nd	nd	nd
Fluorene				nd	nd	nd	nd	nd	nd	nd
Phenanthrene				nd	nd	nd	nd	nd	nd	nd
Anthracene				nd	nd	nd	nd	nd	nd	nd
Fluoranthene				nd	nd	nd	nd	nd	nd	nd
Pyrene				nd	nd	nd	nd	nd	nd	nd
Benzo(a)Anthracene				nd	nd	nd	nd	nd	nd	nd
Chrysene				nd	nd	nd	nd	nd	nd	nd
Benzo(b)Fluoranthene				nd	nd	nd	nd	nd	nd	nd
Benzo(k)Fluoranthene				nd	nd	nd	nd	nd	nd	nd
Benzo(a)Pyrene				nd	nd	nd	nd	nd	nd	nd
Indeno(1,2,3-cd)Pyrene				nd	nd	nd	nd	nd	nd	nd
Dibenzo(a,h)Anthracene				nd	nd	nd	nd	nd	nd	nd
Benzo(g,h,i)Perylene				nd	nd	nd	nd	nd	nd	nd
2-Methylnaphthalene							nd	nd	nd	nd
Total PAHs				0	0	0	0	0	0	0
Cyanide, total (Exygen)				nd	nd	nd	13	nd	nd	nd
Cyanide, total (Clarkson Univ.)										
Cyanide, free (Exygen)						nd	nd	24	nd	nd
Cyanide, free (Clarkson Univ.)										
Water Elevation (feet)				585.46	582.65	585.06	585.40	583.84	583.84	582.74

All units ug/L

MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene					4700	5700	6000	4600	4700	4800	3800	4200	4600		5300	4900	6000	5800	7500	5800	5800	5600	6700	4500	5200
Toluene					nd	nd	nd	160	nd	nd	nd	nd	nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene					nd	280	260	nd	nd	160	150	140	170		130	170	330	180	350	270	260	200	220	100	210
Xylene (sum of isomers)					1500	2200	1500	930	660	580	470	540	560		400	440	1000	660	950	770	730	810	710	470	780
Total BTEX					6200	8180	7760	5690	5360	5540	4420	4880	5330		5830	5510	7330	6640	8800	6840	6790	6610	7630	5070	6190
Naphthalene					1900	2200	2200	2000	2100	2300	2000	2100	2400	2100	2000	2700	2900	2800	3000	2600	2800	3600	3100	4600	4100
Acenaphthylene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Acenaphthene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.5
Fluorene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Phenanthrene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Anthracene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Fluoranthene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Pyrene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(a)Anthracene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chrysene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(b)Fluoranthene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(k)Fluoranthene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(a)Pyrene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Indeno(1,2,3-cd)Pyrene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Dibenzo(a,h)Anthracene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzo(g,h,i)Perylene					nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2-Methylnaphthalene							nd	0.82	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	5.5	4.8	nd	5.5	4.7
Total PAHs					1900	2200	2200	2001	2100	2300	2000	2100	2400	2100	2000	2700	2900	2800	3000	2600	2806	3605	3100	4606	4106
Cyanide, total (Exygen)					1100																				
Cyanide, total (Clarkson Univ.)																									
Cyanide, free (Exygen)																									
Cyanide, free (Clarkson Univ.)																									
Water Elevation (feet)					577.43	581.36	581.13	579.63	580.12	581.73	579.73	579.83	581.24	580.01	580.19	582.00	580.79	580.98	581.90	579.57	581.42	580.15	582.26	578.2	581.6

MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene					nd																				
Toluene					nd																				
Ethylbenzene					nd																				
Xylene (sum of isomers)					nd																				
Total BTEX					0																				
Naphthalene					nd																				
Acenaphthylene					nd																				
Acenaphthene					nd																				
Fluorene					nd																				
Phenanthrene					nd																				
Anthracene					nd																				
Fluoranthene					nd																				
Pyrene					nd																				
Benzo(a)Anthracene					nd																				
Chrysene					nd																				
Benzo(b)Fluoranthene					nd																				
Benzo(k)Fluoranthene					nd																				
Benzo(a)Pyrene					nd																				
Indeno(1,2,3-cd)Pyrene					nd																				
Dibenzo(a,h)Anthracene					nd																				
Benzo(g,h,i)Perylene					nd																				
2-Methylnaphthalene																									
Total PAHs					0																				
Cyanide, total (Exygen)					344	450	295	439	46	455	361	8	506	399	21	501	242	387	644						
Cyanide, total (Clarkson Univ.)																	242	444	402	160	429	172	469	337	494
Cyanide, free (Exygen)						nd	13	nd	nd	nd	10	9	nd	44	14	nd	nd	53	13						
Cyanide, free (Clarkson Univ.)																nd	nd	nd	nd	nd	nd	nd	nd	2.6	3.2
Water Elevation (feet)					576.67	579.24	578.86	576.76	577.15	579.20	577.49	576.60	578.34	576.90	577.16	578.96	577.42	577.82	578.82	576.60	576.60	577.07	579.03	575.78	578.43

MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene					nd																				
Toluene					nd																				
Ethylbenzene					nd																				
Xylene (sum of isomers)					nd																				
Total BTEX					0																				
Naphthalene					nd																				
Acenaphthylene					nd																				
Acenaphthene					nd																				
Fluorene					nd																				
Phenanthrene					nd																				
Anthracene					nd																				
Fluoranthene					nd																				
Pyrene					nd																				
Benzo(a)Anthracene					nd																				
Chrysene					nd																				
Benzo(b)Fluoranthene					nd																				
Benzo(k)Fluoranthene					nd																				
Benzo(a)Pyrene					nd																				
Indeno(1,2,3-cd)Pyrene					nd																				
Dibenzo(a,h)Anthracene					nd																				
Benzo(g,h,i)Perylene					nd																				
2-Methylnaphthalene																									
Total PAHs					0																				
Cyanide, total (Exygen)					511	560	898	558	535	756	674	670	637	708	569	714	741	740	664						
Cyanide, total (Clarkson Univ.)																	749	709	688	545	404	448	574	560	543
Cyanide, free (Exygen)						nd	14	nd	nd	24	12	13	nd	11	nd	nd	nd	7	20						
Cyanide, free (Clarkson Univ.)																nd	nd	nd	nd	2.6	nd	nd	nd	nd	18.5
Water Elevation (feet)					576.51	578.08	577.68	576.55	576.58	578.03	576.97	576.28	575.32	576.55	576.42	577.70	576.86	576.85	577.71	576.38	577.28	576.75	578.38	576.79	577.42

MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene					6																				
Toluene					nd																				
Ethylbenzene					nd																				
Xylene (sum of isomers)					nd																				
Total BTEX					6																				
Naphthalene					nd																				
Acenaphthylene					nd																				
Acenaphthene					nd																				
Fluorene					nd																				
Phenanthrene					nd																				
Anthracene					nd																				
Fluoranthene					nd																				
Pyrene					nd																				
Benzo(a)Anthracene					nd																				
Chrysene					nd																				
Benzo(b)Fluoranthene					nd																				
Benzo(k)Fluoranthene					nd																				
Benzo(a)Pyrene					nd																				
Indeno(1,2,3-cd)Pyrene					nd																				
Dibenzo(a,h)Anthracene					nd																				
Benzo(g,h,i)Perylene					nd																				
2-Methylnaphthalene																									
Total PAHs					0																				
Cyanide, total (Exygen)					487	600	1010	734	460	703	1570	467	604	560	1080	741	504	803	941						
Cyanide, total (Clarkson Univ.)																	676	759	628	534	587	540	642	641	666
Cyanide, free (Exygen)						nd	nd	201	nd	nd	49	231	267	88	49	132	nd	207	99						
Cyanide, free (Clarkson Univ.)																nd	8	nd	3.1	2.4	nd	nd	nd	4.3	5.9
Water Elevation (feet)					578.80	580.70	580.51	579.09	579.50	581.25	580.05	579.10	580.62	579.42	579.47	581.27	580.05	580.22	581.28	579.13	580.69	579.60	581.75	578.02	581.03

Mineral Springs

All units ug/L

MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene						nd						nd			nd			nd				nd			
Toluene						nd						nd			nd			nd				nd			
Ethylbenzene						nd						nd			nd			nd				nd			
Xylene (sum of isomers)						nd						nd			nd			nd				nd			
Total BTEX						0						0			0			0				0			
Naphthalene						nd						nd			nd			nd				3.6			
Acenaphthylene						nd						nd			nd			nd				nd			
Acenaphthene						nd						nd			nd			nd				nd			
Fluorene						nd						nd			nd			nd				nd			
Phenanthrene						nd						nd			nd			nd				nd			
Anthracene						nd						nd			nd			nd				nd			
Fluoranthene						nd						nd			nd			nd				nd			
Pyrene						nd						nd			nd			nd				nd			
Benzo(a)Anthracene						nd						nd			nd			nd				nd			
Chrysene						nd						nd			nd			nd				nd			
Benzo(b)Fluoranthene						nd						nd			nd			nd				nd			
Benzo(k)Fluoranthene						nd						nd			nd			nd				nd			
Benzo(a)Pyrene						nd						nd			nd			nd				nd			
Indeno(1,2,3-cd)Pyrene						nd						nd			nd			nd				nd			
Dibenzo(a,h)Anthracene						nd						nd			nd			nd				nd			
Benzo(g,h,i)Perylene						nd						nd			nd			nd				nd			
2-Methylnaphthalene												nd			nd			nd				nd			
Total PAHs						0						0			0			0				3.6			
Cyanide, total (Exygen)						480	658	469	654	480	425	728	356	620	729	587	446	437	274						
Cyanide, total (Clarkson Univ.)																	493	560	359	325	267	321	326	374	252
Cyanide, free (Exygen)						nd	nd	nd	nd	nd	12	10	nd	15	6	5	9	5	57						
Cyanide, free (Clarkson Univ.)																nd	nd	nd	nd	nd	nd	nd	nd	nd	3.2
Water Elevation (feet)						578.66	578.30	577.40	577.58	578.69	577.83	577.18	578.11	577.40	577.29	578.54	577.83	577.91	578.61	577.44	578.19	577.63	578.95	577.19	578.37

All units ug/L

SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01	SW-01
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	0.44	nd	nd	nd	nd	nd	nd	nd	Dry	nd
Toluene			nd				nd	nd	nd	nd	2	nd	nd	nd	nd	0.38	nd	nd	nd	0.47	nd	nd	nd		nd
Ethylbenzene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.23	nd		nd
Xylene (sum of isomers)			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Total BTEX			0				0	0	0	0	2	0	0	0	0	0.82	0	0	0	0.47	0	0.23	0		0
Naphthalene			nd				nd	2.9	nd	nd	nd	1.6	nd	nd	nd	nd	nd	nd	nd	nd	32	nd	nd		2.3
Acenaphthylene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Acenaphthene			nd				nd	1.1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Fluorene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Phenanthrene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Anthracene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Fluoranthene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.5	nd	nd	nd		nd
Pyrene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.4	nd	nd	nd		nd
Benzo(a)Anthracene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Chrysene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Benzo(b)Fluoranthene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Benzo(k)Fluoranthene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Benzo(a)Pyrene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Indeno(1,2,3-cd)Pyrene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Dibenzo(a,h)Anthracene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Benzo(g,h,i)Perylene			nd				nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
2-Methylnaphthalene							nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Total PAHs			0				0	4	0	0	0	1.6	0	0	0	0	0	0	0	0.9	32	0	0		2.3
Cyanide, total (Exygen)			12.2				21	55	35	8	405	21	13	88	36	989	40	38	9						
Cyanide, total (Clarkson Univ.)																	46	53	10	5	4	24	nd		14
Cyanide, free (Exygen)							nd	16	nd	nd	29	6	nd	10	nd	86	6	19	nd						
Cyanide, free (Clarkson Univ.)																98.1	nd	nd	3.2	2.4	2.3	2.4	5		nd
Water Elevation (feet)					579.80	580.40	580.10	580.00	580.10	581.00	579.60	579.80	580.70	581.40	582.00	582.30	580.60	581.30	581.30	579.90	581.60	580.20	582.80		581.57

All units ug/L

SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02	SW-02
DATE	Aug-95	May-96	Jul-97	Feb-98	Jun-99	Apr-00	Apr-01	Jul-01	Nov-01	Apr-02	Jun-02	Nov-02	Apr-03	Jul-03	Nov-03	Mar-04	Jun-04	Nov-04	Apr-05	Jul-05	Apr-06	Aug-06	Apr-07	Aug-07	Apr-08
Benzene			nd		nd	6	2	nd	nd	1.2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	Dry	nd
Toluene			nd		nd	8	2	nd	nd	0.25	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Ethylbenzene			nd		nd	15	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Xylene (sum of isomers)			nd		nd	24	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Total BTEX			0		0	53	4	0	0	1.45	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Naphthalene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		0.94
Acenaphthylene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Acenaphthene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Fluorene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Phenanthrene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Anthracene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Fluoranthene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Pyrene			nd		nd	nd	nd	0.77	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Benzo(a)Anthracene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Chrysene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Benzo(b)Fluoranthene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Benzo(k)Fluoranthene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Benzo(a)Pyrene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Indeno(1,2,3-cd)Pyrene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Dibenzo(a,h)Anthracene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Benzo(g,h,i)Perylene			nd		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
2-Methylnaphthalene							nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		nd
Total PAHs			0		0	0	0	0.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0.94
Cyanide, total (Exygen)			77.5		nd	380	121	nd	7	130	nd	1440	17	30	62	48	nd	24	nd						
Cyanide, total (Clarkson Univ.)																	nd	50	nd	nd	3	nd	nd		86
Cyanide, free (Exygen)						111	nd	nd	nd	16	nd	42	nd	nd	nd	20	nd	12	nd						
Cyanide, free (Clarkson Univ.)																19.2	nd	6.2	nd	nd	2.3	nd	8.6		50.7
Water Elevation (feet, approximate)					580.3	580.9	580.6	580.5	580.6	581.5	580.1	580.3	581.1	581.8	582.4	582.7	581.0	581.7	581.7	580.3	582.0	580.6	583.2		---

Appendix B

Annual Site Inspection Form

Annual Site Inspection Form

Mineral Springs Road Former MGP

Inspection by: DM Sheaver Affiliation: ENSR

Signature: DM Sheaver Date: 5/29/08

ASPHALT CAP SOUTH OF BUILDING #3

Cracks or ruts ?	(Yes)	No
Erosion at edges ?	Yes	(No)
Blue-stained soil ?	Yes	(No)

Comments: Cracks to be addressed during 2008 IRM.

ASPHALT CAP EAST OF BUILDING #3

Cracks or ruts ?	(Yes)	No
Erosion at edges ?	Yes	(No)
Blue-stained soil ?	(Yes)	No

Comments: To East where Cap to be placed in 2008.

ASPHALT CAP NORTH OF EASTERN SWALE

Cracks or ruts ?	(Yes)	No
Erosion at edges ?	Yes	(No)
Blue-stained soil ?	Yes	(No)

Comments: Cracks to be addressed during 2008 Asphalt Cap work. DMS

ASPHALT CAP SOUTH OF EASTERN SWALE

Cracks or ruts ?	(Yes)	No
Erosion at edges ?	Yes	(No)
Blue-stained soil ?	Yes	(No)

Comments: Ruts in trafficked area. No cracks of significance

HDPE/SOIL CAP IN EASTERN SWALE

Cracks or ruts ?	Yes	(No)
Erosion at edges ?	Yes	(No)
Blue-stained soil ?	Yes	(No)

Comments: Nope

CLAY CAP BEHIND BUILDING #14

Animal dens ?	(Yes)	No
Erosion ?	Yes	(No)
Trees ?	Yes	(No)
Blue-stained soil ?	(Yes)	No

Northern Edge and western edge.

Comments: Soils to be addressed during Cap Work in 2008.

EASTERN DRAINAGE DITCH

Animal dens ?	Yes	(No)
Erosion ?	Yes	(No)
Trees ?	Yes	(No)
Blue-stained soil ?	Yes	(No)
Hydrocarbon sheen ?	Yes	No
Inadequate Signage ?	Yes	(No)
Trash / Debris ?	(Yes)	No

Comments: Debris at north end of ditch. Significant Debris below B-14 Cap.

BACKFILLED EXCAVATIONS

Excessive settlement ?	Yes	(No)
Ponding of surface water ?	(Yes)	No
Tar boils ?	Yes	(No)
Blue-stained soil ?	Yes	(No)

Comments: Minimal

CLASS D STREAM

Hydrocarbon sheen ? Yes (No)

Comments: Heavy Algal blooms

SITE FENCE

Damage / Holes ? Yes No

Comments: Woodchuck Near south fence

Appendix C

Certification of Institutional/Engineering Controls

Annual Certification of Institutional/Engineering Controls at Voluntary Clean-Up Program Site

Site Number: V00195-9
Site Name: National Fuel Gas - Mineral Springs Road Maintenance Facility
Site Address: 365 Mineral Springs Road, West Seneca (T), Erie County, New York

County: Erie County
Town: Town of West Seneca
Property ID: 123.16 - 2 - 8

I JAMES D. RAMSDELL residing at 4647 WINDING WOODS LANE, HAMBURG, NY, as a duly authorized representative of the property listed above, which is located wholly or partially within the boundaries of the Voluntary Cleanup Site named above; do certify that the engineering and/or institutional controls, as specified in the Restrictive Covenant for the Voluntary Cleanup Site are in-place and functioning as designed within the property listed above.

Signature: James D. Ramsdell

Title: Sr. V.P.

Date: 10/7/08

(This area for notary public)

Notary: Eileen D Guerra
10/7/08

EILEEN D. GUERRA
Notary Public, State of New York
Qualified in Erie County
My Commission Expires Aug. 23, 2009

Appendix D

Asphalt Cap Construction – Building 8 Interim Remedial Measure

To be provided under Separate Cover