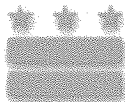


Government of the District of Columbia
District Department of the Environment



Office of the Deputy Director
Natural Resources Administration

March 15, 2007

Mr. Jon M. Capacasa, Director
Water Protection Division 3WP13
U.S. Environmental Protection Agency, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

Subject: National Pollution Discharge Elimination System Municipal Separate Storm Sewer
System Permit No. DC0000221 – Discharge Monitoring Report Addendum (Potomac
River)

Dear Mr. Capacasa,

In accordance with Part III.A of the referenced NPDES Permit, the District of Columbia is pleased to submit an addendum to the Discharge Monitoring Report and revised DMR forms that were originally submitted to EPA on August 19, 2006. On December 15, 2006 the District submitted the first addendum to this report that summarized all updated water quality data for the Anacostia River storm water monitoring stations. This addendum and revised forms include the complete analytical results for the seven Potomac River monitoring stations.

Please call if we can provide any clarification to the materials included with this submittal.

Sincerely,

Hamid Karimi, Ph.D.
Deputy Director for Natural Resources Administration

Enclosures:

cc: Mr. Jerry N. Johnson, General Manger, Water and Sewer Authority
Mr. Natwar Gandhi, Chief Financial Officer
Mr. Corey Buffo, Interim Director, District Department of the Environment
Mr. William O. Howland, Jr., Director, Department of Public Works
Mr. Emeka Moneme, Director, District Department of Transportation
Mr. Bruce Brennan, Office of Attorney General

**GOVERNMENT OF THE DISTRICT OF COLUMBIA
WASHINGTON, DC**

**Municipal Separate Storm Sewer System
NPDES Permit No. DC0000221**

**ADDENDUM
DISCHARGE MONITORING REPORT
(POTOMAC RIVER)**

March 15, 2007



Anthony A. Williams
Mayor

Submitted by:

District of Columbia Storm Water Task Force

**DC Department of Environment
51 N Street, NE
Washington, DC 20002**

**DC Department of Transportation
2000 14th Street, NW
Washington, DC 20009**

**DC Department of Public Works
2000 14th Street, NW
Washington, DC 20009**

**DC Water and Sewer Authority
5000 Overlook Avenue, SE
Washington, DC 20032**

Assistance by:
**EA Engineering, Science, and Technology
15 Loveton Circle
Sparks, MD 21152**

Replace these table titles in the Table of Contents (7-7 and 8-1) with the following:

LIST OF TABLES

<u>Number</u>	<u>Title</u>	<u>Page</u>
7-3	Summary Data of All Wet Weather Events (2005-2007) from Seven Potomac River Monitoring Stations	23
7-8	Calculated Loadings of 20 Pollutants from Wet Weather Events (2005-2007) from Seven Potomac River Monitoring Stations	29

Replace the first paragraph in Section 2.2 with the following:

2.2 Potomac River

Seven stations from the Potomac River watershed are included in the Permit under Section IV.A.1. A listing of the seven sampling stations and the associated drainage area for each is provided in Table 2-3. Figure 2-2 shows the Potomac River MS4 sampling sites. Potomac River stations were sampled for stormwater during the permitted rotation (Jan. 2004 – Jan. 2005), and results were reported in the August 15, 2006 DMR. However, EPA’s Enforcement Division reviewed the final report and DMR forms and determined that selected stations needed to be resampled due to incomplete water quality analyses. Therefore, six of the seven Potomac River stations were resampled from September 2006 to January 2007. Within each station, resampling may have only been required for one storm event, while others required all three events to be resampled. In addition, large-scale location maps showing individual Potomac River MS4 sampling sites are provided in Appendix A. Land use types associated with each Potomac River MS4 monitoring sites are identified in Appendix B.

Replace Table 2-4 with the following table:

TABLE 2-4. SUMMARY OF WET AND DRY WEATHER SAMPLING FOR SEVEN POTOMAC STATIONS

Site No.	Location	Wet Weather	Dry Weather
1	Battery Kemble Creek	20 May 2005 ^a 6 Jun 2005 ^a 29 Jun 2005 ^a 28 Sept 2006 ^b 27 Oct 2006 ^b 5 Jan 2007 ^b	N/A
2	Foundary Branch	20 May 2005 ^a 6 Jun 2005 ^a 29 Nov 2005 28 Sept 2006 ^b 27 Oct. 2006 ^b	4 Aug 2005 23 Aug 2005
3	Dalecarlia Tributary	20 May 2005 ^a 6 Jun 2005 ^a 29 Jun 2005 ^a 28 Sept 2006 ^b 27 Oct 2006 ^b 5 Jan 2007 ^b	N/A
4	Oxon Run	8 Nov 2005 29 Dec 2005 7 Apr 2006	3 Aug 2005 23 Aug 2005
5	Tidal Basin	27 Jul 2005 16 Nov 2005 18 Jan 2006 17 Oct 2006 ^b 5 Jan 2007 ^b	N/A
6	Washington Ship Channel	6 Jun 2005 ^a 16 Nov 2005 29 Dec 2005 27 Oct 2006 ^b	3 Aug 2005 4 Aug 2006
7	C & O Canal	22 Jun 2005 ^a 29 Nov 2005 23 Jan 2006 27 Oct 2006 ^b	4 Aug 2005 24 Aug 2005

^a Analytical results reported in the 2005 DMR Report

^b Resampling dates for stormwater events at selected stations.

N/A: no dry-weather flows at this station

Replace the first sentence of section 3.0 and Table 3-1 with the following:

3.0 WEATHER INFORMATION

Table 3-1 lists the actual and normal precipitation for Washington, D.C. for the period of January 2005 through January 2007.

TABLE 3-1. PRECIPITATION RECORD FOR WASHINGTON, DC

Precipitation ^a			
Month	Actual (in.)	No. Days in Month with Storms >0.10” ^c	Monthly Avg. (in.)
2005			
January	3.94 ^b	5	3.21
February	2.15 ^b	3	2.63
March	4.54 ^b	4	3.92
April	3.84	9	2.77
May	4.61	5	3.82
June	2.87	3	3.13
July	6.06	8	3.66
August	2.33	6	3.44
September	0.11	0	3.79
October	9.41	6	3.22
November	1.92	4	3.03
December	3.82 ^b	7	3.05
2006			
January	3.25	8	3.21
February	3.34 ^b	5	2.63
March	0.06 ^b	0	3.92
April	3.10	6	2.77
May	2.21	8	3.82
June	14.02	9	3.13
July	3.56	6	3.66
August	1.03	2	3.44
September	6.31	5	3.79
October	3.27	6	3.22
2007			
January	2.46	5	3.21

^a Precipitation data from Ronald Reagan National Airport; Source: www.accuweather.com and www.weather.gov

^b During months with rainfall and snowfall, a conversion factor (10 in. snow = 1 in. rain) was used to calculate total precipitation amount.

^c Note: some storm events were consecutive and could not be sampled due to the 72-h and 30-d requirement between events; others were not sampled due to inaccurate predictability of event, storm flashiness/isolation, and logistical complexities.

Replace only the wet weather text in Section 3.2 and Table 3-3 with the following:

3.2 Potomac River

The National Weather Service rain gauge, located at Reagan National Airport, was used to represent rainfall at the Potomac River stations. Descriptions of each rain event are provided in Table 3-3. Samples from the Potomac River resampling effort that was required by EPA Enforcement Division were collected in September and October 2006 and in January 2007. Narrative descriptions for storm events are provided below:

July 27, 2005: A sample was collected during this storm event at Site #5 (Tidal Basin). Rain began to fall at about 6:40 PM and continued to 7:20 PM, a duration of 40 minutes. A total of 0.11 inches of rain fell during this interval. The last previous rainfall occurred approximately four days prior to this measured rain event.

November 8, 2005: A sample was collected during this storm event at Site #4 (Oxon Run). Rain began to fall at about 9:15 PM and continued to about 10:40 PM, a duration of about 1.5 hours. A total of 0.05 inches of rain fell during this interval. The last previous rainfall occurred approximately 13 days prior to this measured rain event.

November 16, 2005: Samples were collected during this storm event at Site #5 (Tidal Basin) and Site #6 (Ship Channel). Rain began to fall at about 5:50 PM and continued to about 7:10 PM, giving duration of about 1.5 hours. A total of 0.48 inch of rain fell during this interval. The last previous rainfall occurred approximately eight days prior to this measured rain event.

November 29, 2005: Samples were collected during this storm event at Site #2 (Foundary Branch) and Site #7 (C&O Canal). Rain began to fall at about 2:30 PM and continued to about 5:15 PM, giving duration of approximately three hours. A total of 0.48 inches of rain fell during this interval. The last previous storm event occurred approximately seven days prior to this measured rain event.

December 29, 2005: Samples were collected during this storm event at Site #4 (Oxon Run) and Site #6 (Ship Channel). Rain began to fall at about 1:00 AM and continued to about 3:00 AM, a duration of two hours. A total of 0.34 inches of rain fell during this interval. The last previous storm event occurred approximately four days prior to this measured rain event.

January 18, 2006: A sample was collected during this storm event at Site #5 (Tidal Basin). While it began drizzling at about 1:45 AM, the heaviest rain began to fall at 3:58 AM and continued to about 6:30 AM, giving duration of 2.5 hours. A total of 0.62 inches of rain fell during this interval. The last previous storm event occurred approximately four days prior to this measured rain event.

January 23, 2006: A sample was collected during this storm event at Site #7 (C&O Canal). Rain began to fall at about 10:00 PM on January 22nd and continued to about 9:30 AM on January 23rd, a duration of 11.5 hours. A total of 0.79 inches of rain fell during this interval. The last previous storm event occurred approximately four days prior to this two-day rain event.

April 7, 2006: A sample was collected during this storm event at Site #4 (Oxon Run). A duplicate sample was also collected for this site during the event. Rain began to fall at about 9:00 PM and continued to about 10:00 PM, a duration of one hour. A total of 0.18 inches of rain fell during this interval. The last previous storm event occurred approximately four days prior to this measured rain event.

September 28, 2006: Samples were collected during this storm event at Site #1 (Battery Kemble), Site #2 (Foundary Branch), and Site #3 (Dalecarlia). Rain began to fall at about 6:00 PM and continued to about 11:00 PM, a duration of five hours. A total of 1.04 inches of rain fell during this interval. The last previous storm event occurred approximately 13 days prior to this measured rain event.

October 17, 2006: A sample was collected during this storm event at Site #5 (Tidal Basin). Significant rainfall (contributing to runoff) began to fall at about 7:30 AM and continued to about 6:00 PM, a duration of 10.5 hours. A total of 0.55 inches of rain fell during this interval. The last previous storm event occurred approximately four days prior to this measured rain event.

October 27, 2006: Samples were collected during this storm event at Site #1 (Battery Kemble), Site #2 (Foundary Branch), Site #3 (Dalecarlia), Site #6 (Ship Channel), and Site #7 (C&O Canal). Significant rainfall (contributing to runoff) began to fall at about 3:30 PM and continued to about 6:30 PM, a duration of three hours. A total of 0.75 inches of rain fell during this interval. The last previous storm event occurred approximately six days prior to this measured rain event.

January 5, 2007: Samples were collected during this storm event at Site #1 (Battery Kemble), Site #3 (Dalecarlia), Site #5 (Tidal Basin). Rain began to fall at about 5:30 AM and continued to about 10:30 AM, a duration of five hours. A total of 0.19 inches of rain fell during this interval. The last previous storm event occurred approximately four days prior to this measured rain event.

TABLE 3-3. STORM SAMPLING CHARACTERISTICS FOR POTOMAC RIVER EVENTS

Date	Precipitation (in.)	Duration (hr)	Time to Previous (hr)	Gauge Location	Sites Sampled
7-25-05	0.11	0.75	96	RNA	5
11-8-05	0.05	1.5	312	RNA	4
11-16-05	0.48	1.5	192	RNA	5,6
11-29-05	0.48	3	168	RNA	2,7
12-29-05	0.34	2	96	RNA	4,6
1-18-06	0.62	2.5	96	RNA	5
1-23-06	0.79	11.5	96	RNA	7
4-7-06	0.18	1	96	RNA	4
9-28-06	1.04	5	312	RNA	1,2,3
10-17-06	0.55	10.5	96	RNA	5
10-27-06	0.75	3	144	RNA	1,2,3,6,7
1-5-07	0.19	5	96	RNA	1,3,5

RNA: Reagan National Airport

Replace entire contents in Section 6.2 and Table 6-2 with the following text:

6.2 Potomac River

Monitoring results for seven wet weather sampling events in the Potomac River are reported on revised discharge monitoring report (DMR) forms. Copies of these completed DMR forms for the Potomac River stations are provided in Appendix D. Complete analytical results are included in Appendix E. Ambient water quality data collected during the wet and dry weather sampling events are summarized in Table 6-2.

TABLE 6-2. AMBIENT WATER QUALITY DATA FOR SEVEN POTOMAC RIVER STATIONS DURING WET AND DRY WEATHER EVENTS

Station	Date	pH (s.u.)	Temp (°F)	TRC (mg/L)	DO (mg/L)
WET					
Battery Kemble	28 Sept 2006 ^a	7.7	73.0	0.11	10.7
	27 Oct 2006 ^a	7.7	53.4	0.04	11.5
	5 January 2007 ^a	7.0	53.1	0.01	8.6
Foundary Branch	29 Nov 2005	8.8	64.2	---	---
	28 Sept 2006 ^a	5.81	64.9	0.00	9.8
	27 Oct 2006 ^a	7.6	57.56	0.00	8.4
Dalecarlia	28 Sept 2006 ^a	6.7	68.9	0.05	8.4
	27 Oct 2006 ^a	6.8	64.6	0.00	8.3
	5 January 2007 ^a	7.8	55.6	0.00	8.7
Oxon Run	8 Nov 2005	7.5	61.9	---	---
	29 Dec 2005	6.4	49.8	---	---
	7 Apr 2006	7.7	61.7	---	---
Tidal Basin	27 Jul 2005	---	---	---	---
	16 Nov 2005	7.5	66.0	---	---
	18 Jan 2006	7.2	57.9	---	---
	17 Oct 2006 ^a	8.0	69.6	0.00	5.6
	5 January 2007 ^a	7.8	60.0	0.07	7.1
Ship Channel	16 Nov 2005	8.4	57.4	---	---
	29 Dec 2005	8.6	54.7	---	---
	27 Oct 2006 ^a	6.1	64.4	0.00	9.3
C&O Canal	29 Nov 2005	8.6	63.5	---	---
	23 Jan 2006	5.6	46.4	---	---
	27 Oct 2006 ^a	5.7	55.6	0.35	9.3
DRY					
Foundary Branch	4 Aug 2005	---	---	---	---
	23 Aug 2005	---	---	---	---
Oxon Run	3 Aug 2005	---	---	---	---
	23 Aug 2005	---	---	---	---
Ship Channel	3 Aug 2005	---	---	---	---
C&O Canal	4 Aug 2005	---	---	---	---
	24 Aug 2005	---	---	---	---

---no data due to water quality meter malfunction

^aSamples collected from resurvey efforts as required by EPA Enforcement Division

TRC: total residual chlorine

Replace first paragraph of Section 7.2 and Table 7-3 with the following text:

7.2 Potomac River

The geometric mean of the analytical results for each sample station is provided for 20 pollutants, which have been identified in the Anacostia River and Rock Creek TMDL documents as requiring load reductions. These same pollutants were selected for the Potomac River geometric mean and load reduction calculations for consistency among subwatersheds within the District. Calculated means for the seven Potomac River stations indicate that none of the stations contributed detectable levels of chlordane, heptachlor, dieldrin, DDE, DDD, or PCBs to the watershed (Table 7-3). Only one station, Battery Kemble, contributed DDT (0.168 ug/L) to the watershed, while all other stations in the Potomac River watershed were non-detectable for this pollutant. The highest mean concentration of TSS was reported at Tidal Basin (61.7mg/L) and the lowest was reported at Foundary Branch, Dalecarlia, and C&O Canal (all with TSS concentrations of 12 mg/L). All other stations had TSS concentrations between 23 and 46 mg/L. BOD ranged from 11.5 to 34.0 mg/L. Total nitrogen concentrations ranged from 0.81mg/L (Ship Channel) to 3.77 mg/L (Dalecarlia) and total phosphorus concentrations ranged from 0.17 mg/L (Ship Channel) to 0.55 mg/L (Battery Kemble). Fecal coliform bacteria concentrations were highest at Ship Channel (12,600 CFU/100 ml) and all other stations had notably lower concentrations that ranged from 355 CFU/100 ml (Oxon Run) to 1,600 CFU/100 ml (C&O Canal). Three stations (Battery Kemble, Tidal Basin, and C&O Canal) had non-detectable concentrations of oil and grease, while all others ranged from 2.98 to 5.63 mg/L. Metal concentrations ranged from 0.005 to 0.216 mg/L for zinc, 0.003 to 0.181 mg/L for lead, 0.025 to 0.168 mg/L for copper, and non-detect to 0.004 mg/L for arsenic. Individual PAHs were calculated all seven stations, with all but three stations having non-detectable concentrations of PAH 1, PAH 2, or PAH 3. Battery Kemble, Foundary Branch, and Dalecarlia had detectable concentrations of PAHs that ranged from 12.1 to 20.2 ug/L in 2005-2007. Complete analytical results for wet weather data are included in Appendix E.

**TABLE 7-3. SUMMARY DATA OF ALL WET WEATHER EVENTS (2005-2007) FROM SEVEN POTOMAC RIVER MONITORING STATIONS.
VALUES REPRESENT GEOMETRIC MEAN FOR EACH STATION.**

Station	Parameters (mg/L, unless otherwise noted)																			
	TSS	BOD	TN	TP	FC ^a	O&G	Zn ^b	Pb ^b	Cu ^b	As ^b	PAH 1 ^c	PAH 2 ^c	PAH 3 ^c	Chlordane ^c	Heptachlor ^c	Dieldrin ^c	DDT ^c	DDE ^c	DDD ^c	PCBs ^d
Battery Kemble	46 (n=6)	16 (n=5)	2.40 (n=6)	0.55 (n=6)	658 (n=6)	ND (n=6)	0.058 (n=5)	0.004 (n=6)	0.060 (n=6)	0.001 (n=6)	18 (n=6)	10.8 (n=6)	18 (n=6)	ND (n=4)	ND (n=4)	ND (n=4)	0.168 (n=4)	ND (n=4)	ND (n=4)	ND (n=4)
Foundary Branch	12.1 (n=5)	18 (n=4)	2.99 (n=5)	0.53 (n=5)	813 (n=5)	2.98 (n=5)	0.044 (n=5)	0.006 (n=5)	0.025 (n=5)	0.001 (n=5)	20.2 (n=5)	12.1 (n=5)	20.2 (n=5)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)
Dalecarlia	11.5 (n=6)	11.5 (n=5)	3.77 (n=6)	0.33 (n=6)	418 (n=6)	3.48 (n=6)	0.005 (n=6)	0.003 (n=6)	0.025 (n=6)	0.001 (n=6)	18.2 (n=6)	10.9 (n=6)	18.2 (n=6)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)
Oxon Run	25.6 (n=3)	29.8 (n=3)	2.85 (n=3)	0.29 (n=3)	355 (n=3)	4.39 (n=3)	0.134 (n=3)	0.008 (n=3)	0.035 (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)
Tidal Basin	61.7 (n=5)	34 (n=5)	1.86 (n=5)	0.40 (n=5)	786 (n=5)	ND (n=5)	0.066 (n=5)	0.010 (n=5)	0.039 (n=5)	0.001 (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)
Ship Channel	23.1 (n=4)	14.2 (n=4)	0.81 (n=3)	0.17 (n=3)	12,600 (n=4)	5.63 (n=4)	0.216 (n=4)	0.181 (n=4)	0.168 (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)
C&O Canal	11.8 (n=4)	24.1 (n=4)	2.77 (n=4)	0.31 (n=4)	1,600 (n=4)	ND (n=3)	0.061 (n=4)	0.008 (n=4)	0.044 (n=4)	0.004 (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)

TSS: total suspended solids; BOD: biological oxygen demand; TN: total nitrogen; TP: total phosphorus; FC: fecal coliform bacteria; O&G: oil and grease; PCB: total PCBs

ND: non-detect

^aUnits are in CFU/ 100 mls

^bTotal recoverable metals

^cUnits are in ug/L

^dUnits are in ng/L

Replace second paragraph of Section 7.4 and Table 7-8 with the following text:

7.4 Pollutant Loads

Calculated pollutant loads for the seven Potomac River stations indicate that none of the stations contributed detectable levels of PAHs, chlordane, heptachlor, dieldrin, DDT, DDE, DDD, or chlordanes to the watershed (Table 7-8). Battery Kemble had the highest overall loads among all stations for the 20 selected parameters, and Dalecarlia had the lowest overall loads. Total suspended solids (TSS) are contributed in relatively low amounts for three stations (Foundary Branch with 2,970 lbs/yr, Dalecarlia with 917 lbs/yr, and C&O Canal with 1,700 lbs/yr), in moderate amounts for Oxon Run (6,800 lbs/yr) and Ship Channel (9,620 lbs/yr), and in much higher amounts in the remaining two stations. Calculated TSS loads for these two stations were 22,500 and 33,200 lbs/yr for Tidal Basin and Battery Kemble, respectively. BOD loadings ranged from 818 lbs/yr (Dalecarlia) to 49,000 lbs/yr (Battery Kemble). Most of the stations had relatively low loads (non-detect to 758 lbs/yr) of total nitrogen, with the exception Battery Kemble, which all had notably higher loads of 1,080 lbs/yr. All seven stations contributed minimal loads of total phosphorus to the watershed, where they ranged from 36 to 297 lbs/yr. Fecal coliform bacteria were also calculated along with other pollutants for the Potomac River, however, the units for the loading are presented as coliform units (CFU) per year rather than pounds per year. Fecal coliform loads were high in all seven Potomac River stations ranging from 4.28×10^{11} (Oxon Run) to 1.46×10^{14} (Battery Kemble). Oil and grease loads were non-detectable in four of the seven stations, with the exception of Foundary Branch (730 lbs/yr), Oxon Run (1,160 lbs/yr), and Ship Channel (5,690 lbs/yr). Metals were contributed in minor amounts from all seven stations. Dalecarlia had the lowest metal loadings among monitoring stations and Battery Kemble and Ship Channel had the highest calculated loadings. Zinc loadings ranged from 0.67 to 102 lbs/yr, lead ranged from 0.62 to 82 lbs/yr, and copper ranged from 1.83 to 148 lbs/yr. Arsenic loads from three stations, Dalecarlia, Oxon Run, and Ship Channel, were non-detectable, while four other stations had arsenic loads that ranged from 0.19 (Foundary Branch) to 0.79 (Battery Kemble) lbs/yr.

TABLE 7-8. CALCULATED LOADINGS OF 20 POLLUTANTS FROM WET WEATHER EVENTS (2005-2007) FROM SEVEN POTOMAC RIVER MONITORING STATIONS.

POLLUTANTS (lbs/year, unless otherwise noted)																				
Station	TSS	BOD	TN	TP	FC ^a	O&G	Zn ^b	Pb ^b	Cu ^b	As ^b	PAH 1	PAH 2	PAH 3	Chlordane	Heptachlor	Dieldrin	DDT	DDE	DDD	PCBs
Battery Kemble	33,200 (n=6)	49,000 (n=5)	1,080 (n=6)	287 (n=6)	1.46E+14 (n=6)	ND (n=6)	57.7 (n=5)	11.9 (n=6)	148 (n=6)	0.79 (n=6)	ND (n=6)	ND (n=6)	ND (n=6)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)
Foundary Branch	2,970 (n=5)	7,960 (n=4)	734 (n=5)	131 (n=5)	9.03E+11 (n=5)	730 (n=5)	10.9 (n=5)	1.37 (n=5)	6.07 (n=5)	0.19 (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)
Dalecarlia	917 (n=6)	818 (n=5)	219 (n=6)	36.2 (n=6)	1.08E+12 (n=6)	ND (n=6)	0.672 (n=6)	0.62 (n=6)	1.83 (n=6)	ND (n=6)	ND (n=6)	ND (n=6)	ND (n=6)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)
Oxon Run	6,800 (n=3)	14,200 (n=3)	758 (n=3)	76.9 (n=3)	4.28E+11 (n=3)	1,160 (n=3)	35.6 (n=3)	2.23 (n=3)	9.23 (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)	ND (n=3)
Tidal Basin	22,500 (n=5)	22,400 (n=5)	680 (n=5)	145 (n=5)	1.30E+12 (n=5)	ND (n=5)	24.1 (n=5)	3.62 (n=5)	14.3 (n=5)	0.45 (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)	ND (n=5)
Ship Channel	9,620 (n=4)	12,000 (n=4)	ND (n=3)	76.2 (n=3)	5.64E+13 (n=4)	5,690 (n=4)	102 (n=4)	82 (n=4)	83.5 (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)
C&O Canal	1,700 (n=4)	6,220 (n=4)	397 (n=4)	43.9 (n=4)	1.04E+12 (n=4)	ND (n=3)	8.73 (n=4)	1.15 (n=4)	6.33 (n=4)	0.51 (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)	ND (n=4)

TSS: total suspended solids; BOD: biological oxygen demand; TN: total nitrogen; TP: total phosphorus; FC: fecal coliform bacteria; O&G: oil and grease; PCB: total PCBs

ND: non-detect

^aFecal coliform is in CFU/ year

^bTotal recoverable metal

Replace Appendix D with the following updated forms:

APPENDIX D

Revised DMR Forms for Potomac River Monitoring Stations

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 31

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001

DC0000221
PERMIT NUMBER

M16A
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 20001
MAJOR

FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001

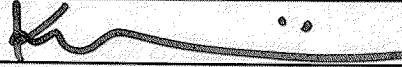
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
05	09	01		07	01	31

BATTERY KEMBLE CREEK
External Outfall

ATTN: DR. MOHSIN R. SIDDIQUE

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Temperature, water deg. fahrenheit 00011 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	73	(15)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	deg F		Three Per Year	GRAB
BOD, 5-day, 20 deg. C 00310 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	120	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		7.0	*****	7.7	(12)	0		
	PERMIT REQUIREMENT	*****	*****		Req. Mon. MINIMUM	*****	Req. Mon. ANNL MAX	SU		Three Per Year	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	558	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Oil & grease 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, total (as N) 00600 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	9.7	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, organic total (as N) 00605 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	8.9	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
			202	535-2244	07	03	15

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHED- DO TO ROTATING SCHEDULE OUTFALL BECOMES EFFECT. 08/01/07. MON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 32

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001

DC0000221
PERMIT NUMBER

M16A
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 20001
MAJOR

FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001


MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

BATTERY KEMBLE CREEK
External Outfall

ATTN: DR. MOHSIN R. SIDDIQUE

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N) 00610 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.38	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, Kjeldahl, total (as N) 00625 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	8.9	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrite plus nitrate total 1 det. (as N) 00630 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.35	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	1.7	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, dissolved 00666 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.83	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Cyanide, total (as CN) 00720 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.001	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Hardness, total (as CaCO3) 00900 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	300	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
TYPED OR PRINTED			202-535-2244	07	03	15	
Hamid Karimi	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHED- DO TO ROTATING SCHEDULE OUTFALL BECOMES EFFECT. 08/01/07. MON. IS QRTLTY, REPORTED ANNLTY.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 33

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M16A
PERMIT NUMBER	DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

BATTERY KEMBLE CREEK
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fecal streptococci, MF m-enterococcus ag 31679 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	16,000	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB
Base/neutral compounds 32015 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Acid compounds 32020 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1016 34671 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1221 39488 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1232 39492 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1242 bot. dep., dry solid 39499 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
		202-535-2244		07	03	15	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHED- DO TO ROTATING SCHEDULE OUTFALL BECOMES EFFECT. 08/01/07. MON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 34

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M16A
PERMIT NUMBER	DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

BATTERY KEMBLE CREEK
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
PCB-1248 39500 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1254 39504 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1260 39508 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phenols 46000 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.17	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Solids, total dissolved (TDS) 70296 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	250	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Pesticides, general 74053 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Coliform, fecal general 74055 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	16,000	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	202	535-2244	07	03	15

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHED- DO TO ROTATING SCHEDULE OUTFALL BECOMES EFFECT. 08/01/07. MON. IS QRTL. REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 35

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M16A
PERMIT NUMBER	DISCHARGE NUMBER

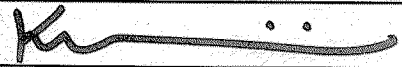
DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

BATTERY KEMBLE CREEK
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Metals, total 78240 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	1.004	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Volatile compounds, (GC/MS) 78732 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	5.3	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Chemical Oxygen Demand (COD) 81017 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	160	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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			202-535-2244	07	03	15	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA Code	NUMBER	YEAR	MO	DAY	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

POTOMAC RIVER WATERSHED- DO TO ROTATING SCHEDULE OUTFALL BECOMES EFFECT. 08/01/07.MON. IS QRTLTY, REPORTED ANNLTY.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 36

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M17A
PERMIT NUMBER	DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

FOUNDRARY BRANCH
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Temperature, water deg. fahrenheit 00011 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	64.9	(15)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	deg F		Three Per Year	GRAB
BOD, 5-day, 20 deg. C 00310 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	53	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		5.8	*****	8.8	(12)	0		
	PERMIT REQUIREMENT	*****	*****		Req. Mon. MINIMUM	*****	Req. Mon. ANNL MAX	SU		Three Per Year	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	59	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Oil & grease 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	6.0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, total (as N) 00600 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	3.8	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, organic total (as N) 00605 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	4.7	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			202-535-2244	07 03 15	AREA Code	NUMBER	YEAR
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 37

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN:DR. MOHSIN R. SIDDIQUE

DC0000221	M17A
PERMIT NUMBER	DISCHARGE NUMBER

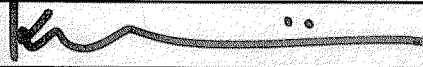
DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

FOUNDARY BRANCH
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N) 00610 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.72	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, Kjeldahl, total (as N) 00625 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	4.7	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrite plus nitrate total 1 det. (as N) 00630 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.9	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.7	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, dissolved 00666 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.71	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Cyanide, total (as CN) 00720 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.005	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Hardness, total (as CaCO3) 00900 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	260	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			202	535-2244	07	03	15

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 38

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M17A
PERMIT NUMBER	DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

FOUNDRARY BRANCH
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fecal streptococci, MF m-enterococcus ag 31679 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	1,600	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB
Base/neutral compounds 32015 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Acid compounds 32020 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1016 34671 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1221 39488 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1232 39492 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1242 bot. dep., dry solid 39499 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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			AREA Code	NUMBER	YEAR	MO	DAY
		202-535-2244		07	03	15	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTLY, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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LOCATION: 441 4TH STREET, N.W.
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ATTN:DR. MOHSIN R. SIDDIQUE

DC0000221
PERMIT NUMBER

M17A
DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
05	09	01		07	01	31

FOUNDRARY BRANCH
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
PCB-1248 39500 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1254 39504 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1260 39508 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phenols 46000 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.098	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Solids, total dissolved (TDS) 70296 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	230	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Pesticides, general 74053 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Coliform, fecal general 74055 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	30,000	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB

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			AREA Code	NUMBER	YEAR	MO	DAY
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	202	535-2244	07	03	15

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 40

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN:DR. MOHSIN R. SIDDIQUE

DC0000221	M17A
PERMIT NUMBER	DISCHARGE NUMBER

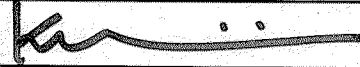
DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

FOUNDRARY BRANCH
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Metals, total 78240 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.277	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Volatile compounds, (GC/MS) 78732 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	155	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Chemical Oxygen Demand (COD) 81017 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	110	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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			AREA Code	NUMBER	YEAR	MO	DAY
		202-535-2244		07	03	15	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTLY, REPORTED ANNLy.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 41

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001

DC0000221
PERMIT NUMBER

M18A
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 20001
MAJOR

FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001


MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM	05	09	01	TO	07	01	31

DALECARLIA TRIBUTORY
External Outfall

ATTN:DR. MOHSIN R. SIDDIQUE

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Temperature, water deg. fahrenheit 00011 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	68.9	(15)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	deg F		Three Per Year	GRAB
BOD, 5-day, 20 deg. C 00310 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	43	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		6.7	*****	7.8	(12)	0		
	PERMIT REQUIREMENT	*****	*****		Req. Mon. MINIMUM	*****	Req. Mon. ANNL MAX	SU		Three Per Year	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	40	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Oil & grease 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	13	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, total (as N) 00600 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	16.0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, organic total (as N) 00605 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	5.9	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS

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			202-535-2244	07	03	15	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221
PERMIT NUMBER

M18A
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 20001
MAJOR

DALECARLIA TRIBUTORY
External Outfall

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
05	09	01	07	01	31

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N) 00610 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.8	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, Kjeldahl, total (as N) 00625 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	6.7	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrite plus nitrate total 1 det. (as N) 00630 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	14.0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	1.7	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, dissolved 00666 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.47	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Cyanide, total (as CN) 00720 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.002	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Hardness, total (as CaCO3) 00900 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	110	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hanid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE		
			AREA Code	NUMBER	YEAR	MO

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNLY.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 43

NAME: GOVERNMENT OF THE DISTRICT OF
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FROM 05	09	01	TO	07	01	31

DALECARLIA TRIBUTORY
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fecal streptococci, MF m-enterococcus ag 31679 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	22,000	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB
Base/neutral compounds 32015 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Acid compounds 32020 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1016 34671 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1221 39488 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1232 39492 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1248 39500 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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			202-535-2244	07	03	15	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

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Page 44

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DMR MAILING ZIP CODE: 20001
MAJOR

DALECARLIA TRIBUTORY
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
PCB-1254 39504 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1260 39508 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phenols 46000 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.16	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Solids, total dissolved (TDS) 70296 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	174	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Pesticides, general 74053 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Coliform, fecal general 74055 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	13,000	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB
Metals, total 78240 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.156	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
		202-535-2244		07	03	15	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No: 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 45

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN:DR. MOHSIN R. SIDDIQUE

DC0000221	M18A
PERMIT NUMBER	DISCHARGE NUMBER

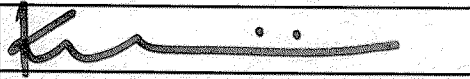
DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

DALECARLIA TRIBUTORY
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Volatile compounds, (GC/MS) 78732 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Chemical Oxygen Demand (COD) 81017 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	120	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		202-535-2244	07	03	15

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTLTY, REPORTED ANNLY.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M19A
PERMIT NUMBER	DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

OXON RUN
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Temperature, water deg. fahrenheit 00011 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	61.9	(15)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	deg F		Three Per Year	GRAB
BOD, 5-day, 20 deg. C 00310 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	75	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		6.4	*****	7.7	(12)	0		
	PERMIT REQUIREMENT	*****	*****		Req. Mon. MINIMUM	*****	Req. Mon. ANNL MAX	SU		Three Per Year	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	45	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Oil & grease 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	13.5	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, total (as N) 00600 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	4.3	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, organic total (as N) 00605 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	1.4	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
		202-535-2244		07	03	15	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
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ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M19A
PERMIT NUMBER	DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

OXON RUN
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N) 00610 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, Kjeldahl, total (as N) 00625 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	1.4	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrite plus nitrate total 1 det. (as N) 00630 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	3.2	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.485	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, dissolved 00666 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.21	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Cyanide, total (as CN) 00720 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.003	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Hardness, total (as CaCO3) 00900 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	180	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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			202-535-2244	07	03	15	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221
PERMIT NUMBER

M19A
DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

OXON RUN
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fecal streptococci, MF m-enterococcus ag 31679 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	9000	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB
Base/neutral compounds 32015 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Acid compounds 32020 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1016 34671 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1221 39488 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1232 39492 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1242 bot. dep., dry solid 39499 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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			AREA Code	NUMBER	YEAR	MO	DAY
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		202-535-2244	07	03	15

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 49

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001

DC0000221
PERMIT NUMBER

M19A
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 20001
MAJOR

FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001


MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

OXON RUN
External Outfall

ATTN:DR. MOHSIN R. SIDDIQUE

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
PCB-1248 39500 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1254 39504 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1260 39508 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phenols 46000 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.096	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Solids, total dissolved (TDS) 70296 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	240	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Pesticides, general 74053 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Coliform, fecal general 74055 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	8000	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB

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			AREA Code	NUMBER	YEAR	MO	DAY
		202-535-2244		07	03	15	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTLTY, REPORTED ANNLY.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 50

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M19A
PERMIT NUMBER	DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

OXON RUN
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Metals, total 78240 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.222	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Volatile compounds, (GC/MS) 78732 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Chemical Oxygen Demand (COD) 81017 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	190	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
		202-535-2244		07	03	15	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 51

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
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DC0000221
PERMIT NUMBER

M20A
DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM	05	09	01	TO	07	01	31

TIDAL BASIN
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Temperature, water deg. fahrenheit 00011 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	69.6	(15)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	deg F		Three Per Year	GRAB
BOD, 5-day, 20 deg. C 00310 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	54	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		7.2	*****	8.0	(12)	0		
	PERMIT REQUIREMENT	*****	*****		Req. Mon. MINIMUM	*****	Req. Mon. ANNL MAX	SU		Three Per Year	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	110	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Oil & grease 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, total (as N) 00600 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	3.00	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, organic total (as N) 00605 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.80	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			202-535-2244	07	03	15	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

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DC0000221	M20A
PERMIT NUMBER	DISCHARGE NUMBER

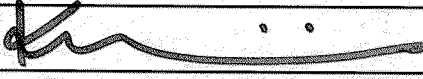
DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

TIDAL BASIN
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N) 00610 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.69	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, Kjeldahl, total (as N) 00625 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.80	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrite plus nitrate total 1 det. (as N) 00630 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.47	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.69	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, dissolved 00666 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.41	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Cyanide, total (as CN) 00720 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.004	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Hardness, total (as CaCO3) 00900 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	220	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			202-535-2244	07	03	15	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTLY, REPORTED ANNLY.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 53

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221
PERMIT NUMBER

M20A
DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

TIDAL BASIN
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fecal streptococci, MF m-enterococcus ag 31679 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	5,000	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB
Base/neutral compounds 32015 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	11	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Acid compounds 32020 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1016 34671 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1221 39488 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1232 39492 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1242 bot. dep., dry solid 39499 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			202-535-2244	07	03	15	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 54

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M20A
PERMIT NUMBER	DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

TIDAL BASIN
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
PCB-1248 39500 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1254 39504 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1260 39508 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phenols 46000 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.17	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Solids, total dissolved (TDS) 70296 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	120	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Pesticides, general 74053 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Coliform, fecal general 74055 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	30,000	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB

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			202-535-2244		07	03	15
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 55

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M20A
PERMIT NUMBER	DISCHARGE NUMBER

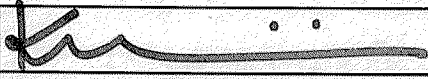
DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 05	09	01	TO 07	01	31

TIDAL BASIN
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Metals, total 78240 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.221	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Volatile compounds, (GC/MS) 78732 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	42	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Chemical Oxygen Demand (COD) 81017 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	240	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Hamid Karimi TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	202	535-2244	07	03	15

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNLY.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 56

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M21A
PERMIT NUMBER	DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

WASHINGTON SHIP CHANNEL
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Temperature, water deg. fahrenheit 00011 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	64.4	(15)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	deg F		Three Per Year	GRAB
BOD, 5-day, 20 deg. C 00310 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	18	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		6.1	*****	8.6	(12)	0		
	PERMIT REQUIREMENT	*****	*****		Req. Mon. MINIMUM	*****	Req. Mon. ANNL MAX	SU		Three Per Year	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	40	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Oil & grease 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	23	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, total (as N) 00600 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.10	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, organic total (as N) 00605 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	1.40	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS

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			202-535-2244	07	03	15	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here).
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 57

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M21A
PERMIT NUMBER	DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

WASHINGTON SHIP CHANNEL
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N) 00610 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, Kjeldahl, total (as N) 00625 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	1.4	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrite plus nitrate total 1 det. (as N) 00630 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.94	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.20	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, dissolved 00666 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.17	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Cyanide, total (as CN) 00720 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.003	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Hardness, total (as CaCO3) 00900 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	120	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			202-535-2244	07	03	15	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 58

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001

DC0000221
PERMIT NUMBER

M21A
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 20001
MAJOR

FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001


MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

WASHINGTON SHIP CHANNEL
External Outfall

ATTN: DR. MOHSIN R. SIDDIQUE

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fecal streptococci, MF m-enterococcus ag 31679 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	1,400	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB
Base/neutral compounds 32015 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Acid compounds 32020 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1016 34671 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1221 39488 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1232 39492 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1242 bot. dep., dry solid 39499 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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		202-535-2244		07	03	15	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 59

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
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ATTN:DR. MOHSIN R. SIDDIQUE

DC0000221	M21A
PERMIT NUMBER	DISCHARGE NUMBER

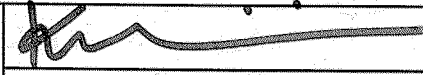
DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

WASHINGTON SHIP CHANNEL
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
PCB-1248	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
39500 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1254	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
39504 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1260	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
39508 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phenols	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.10	(19)	0		
46000 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Solids, total dissolved (TDS)	SAMPLE MEASUREMENT	*****	*****		*****	*****	280	(19)	0		
70296 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Pesticides, general	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
74053 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Coliform, fecal general	SAMPLE MEASUREMENT	*****	*****		*****	*****	160,000	(13)	0		
74055 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB

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			AREA Code	NUMBER	YEAR	MO	DAY
		202-535-2244		07	03	15	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221
PERMIT NUMBER

M21A
DISCHARGE NUMBER

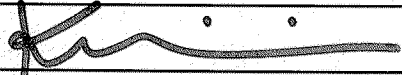
DMR MAILING ZIP CODE: 20001
MAJOR

WASHINGTON SHIP CHANNEL
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Metals, total 78240 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.750	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Volatile compounds, (GC/MS) 78732 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Chemical Oxygen Demand (COD) 81017 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	65	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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			AREA Code	NUMBER	YEAR	MO	DAY
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	202	535-2244	07	03	15

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
POTOMAC RIVER WATERSHEDMON. IS QRTL, REPORTED ANNL.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 61

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

DC0000221	M22A
PERMIT NUMBER	DISCHARGE NUMBER


DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

C&O CANAL
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Temperature, water deg. fahrenheit 00011 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	63.5	(15)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	deg F		Three Per Year	GRAB
BOD, 5-day, 20 deg. C 00310 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	56	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		5.6	*****	8.6	(12)	0		
	PERMIT REQUIREMENT	*****	*****		Req. Mon. MINIMUM	*****	Req. Mon. ANNL MAX	SU		Three Per Year	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	35	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Oil & grease 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, total (as N) 00600 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	8.2	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, organic total (as N) 00605 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	7.2	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	COMPOS

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			202-535-2244		07	03	15
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
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DISCHARGE MONITORING REPORT (DMR)

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Page 62

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001

DC0000221
PERMIT NUMBER

M22A
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 20001
MAJOR

FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001


MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

C&O CANAL
External Outfall

ATTN:DR. MOHSIN R. SIDDIQUE

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N) 00610 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrogen, Kjeldahl, total (as N) 00625 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	7.2	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Nitrite plus nitrate total 1 det. (as N) 00630 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.87	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.70	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phosphorus, dissolved 00666 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.54	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Cyanide, total (as CN) 00720 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.004	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. MAXIMUM	mg/L		Three Per Year	GRAB
Hardness, total (as CaCO3) 00900 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	330	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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			AREA Code	NUMBER	YEAR	MO	DAY
		202-535-2244		07	03	15	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

Page 63

NAME: GOVERNMENT OF THE DISTRICT OF
ADDRESS: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001
ATTN: DR. MOHSIN R. SIDDIQUE

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DISCHARGE NUMBER

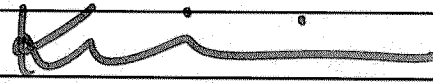
DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
05	09	01	FROM	07	03	31
			TO			

C&O CANAL
External Outfall

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fecal streptococci, MF m-enterococcus ag 31679 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	200	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB
Base/neutral compounds 32015 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Acid compounds 32020 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1016 34671 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1221 39488 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1232 39492 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1242 bot. dep., dry solid 39499 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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			AREA Code	NUMBER	YEAR	MO	DAY
		202-535-2244		07	03	15	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							

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Page 64

NAME: GOVERNMENT OF THE DISTRICT OF
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DC0000221
PERMIT NUMBER

M22A
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 20001
MAJOR

FACILITY: GOVERNMENT OF THE DC
LOCATION: 441 4TH STREET, N.W.
WASHINGTON, DC 20001


MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

C&O CANAL
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ATTN:DR. MOHSIN R. SIDDIQUE

No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
PCB-1248 39500 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1254 39504 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
PCB-1260 39508 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Phenols 46000 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.1	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Solids, total dissolved (TDS) 70296 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	506	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Pesticides, general 74053 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Coliform, fecal general 74055 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	23,000	(13)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	#/100mL		Three Per Year	GRAB

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			202	535-2244	07	03	15

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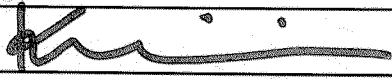
DMR MAILING ZIP CODE: 20001
MAJOR

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 05	09	01	TO	07	01	31

C&O CANAL
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No Data Indicator

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Metals, total 78240 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.316	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Volatile compounds, (GC/MS) 78732 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB
Chemical Oxygen Demand (COD) 81017 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		*****	*****	204	(19)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. ANNL MAX	mg/L		Three Per Year	GRAB

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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
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Replace wet weather data within Appendix E with the following updated information:

APPENDIX E

Revised Analytical Results for Potomac River Monitoring Stations

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Battery Kemble						Foundary Branch				
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3	Wet 4	Wet 5
1,1,1-TRICHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
1,2-DICHLOROPROPANE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
1,2-DIPHENYLHYDRAZINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2',2,4,5'-PENTACHLOROBIPHENYL	UG/L								ND			
2,2',2,5'-TETRACHLOROBIPHENYL	UG/L								ND			
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	UG/L			ND								
2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	UG/L			ND					ND			
2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	UG/L			ND					ND			
2,2',3,4,4',5,6-HEPTACHLOROBIPHENYL	UG/L			ND					ND			
2,2',3,4,4',5'-HEXACHLOROBIPHENYL	UG/L			ND					ND			
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	UG/L			ND					ND			
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	UG/L			ND					ND			
2,2',3,4,5'-PENTACHLOROBIPHENYL	UG/L			ND								
2,2',3,5,5',6'-HEXACHLOROBIPHENYL	UG/L			ND								
2,2',3,5,5',6-HEXACHLOROBIPHENYL	UG/L								ND			
2,2',3,5'-TETRACHLOROBIPHENYL	UG/L			ND								
2,2',4,4',5',5'-HEXACHLOROBIPHENYL	UG/L			ND								
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	UG/L								ND			
2,2',4,4'-TETRACHLOROBIPHENYL	UG/L			ND					ND			
2,2',4,5,5'-PENTACHLOROBIPHENYL	UG/L			ND					ND			
2,2',5,5'-TETRACHLOROBIPHENYL	UG/L			ND					ND			
2,2',5-TRICHLOROBIPHENYL	UG/L			ND					ND			
2,2'3,3'4,4'5,5',6-NONACHLOROBIPHENYL	UG/L								ND			
2,3,3',4',6'-PENTACHLOROBIPHENYL	UG/L			ND								
2,3,3',4,6'-PENTACHLOROBIPHENYL	UG/L								ND			
2,3,4,5-TETRACHLORODIBENZO-P-DIOXIN	UG/L								ND			

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Battery Kemble						Foundary Branch				
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3	Wet 4	Wet 5
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	UG/L			ND								
2,3-DICHLOROBIPHENYL	UG/L			ND					ND			
2,4',5-TRICHLOROBIPHENYL	UG/L			ND					ND			
2,4,6-TRICHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DICHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DIMETHYLPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DINITROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DINITROTOLUENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-DINITROTOLUENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROBIPHENYL	UG/L			ND					ND			
2-CHLOROETHYL VINYL ETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
2-CHLORONAPHTHALENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-NITROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-DICHLOROBENZIDINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
4,4'-DDE	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
4,4'-DDT	UG/L			0.18	ND	ND	ND		ND	ND	ND	ND
4,6-DINITRO-2-METHYLPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-BROMOPHENYLPHENYLETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLORO-3-METHYLPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLOROPHENYLPHENYLETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-NITROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACID COMPOUNDS	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACROLEIN	UG/L	ND	ND	ND	ND	ND	ND	ND	25	ND	ND	ND
ACRYLONITRILE	UG/L	ND	ND	ND	ND	ND	ND	ND	25	ND	ND	ND
ALDRIN	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
ALPHA-BHC	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
AMMONIA-NITROGEN	MG/L	0.21	0.38	0.3	ND	ND	ND	0.5	0.72	ND	ND	ND
ANTHRACENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTIMONY, TOTAL	MG/L	6E-04	0.0005	ND	ND	ND	ND	ND	0.001	ND	ND	ND
AROCLOR 1016	MG/L		ND	ND	ND	ND	ND		ND	ND	ND	ND
AROCLOR 1221	MG/L		ND	ND	ND	ND	ND		ND	ND	ND	ND

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Battery Kemble						Foundary Branch				
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3	Wet 4	Wet 5
AROCLOR 1232	MG/L		ND	ND	ND	ND	ND		ND	ND	ND	ND
AROCLOR 1242	NG/L			ND	ND	ND	ND		ND	ND	ND	ND
AROCLOR 1248	MG/L		ND	ND	ND	ND	ND		ND	ND	ND	ND
AROCLOR 1254	MG/L		ND	ND	ND	ND	ND		ND	ND	ND	ND
AROCLOR 1256	NG/L								ND			
AROCLOR 1260	MG/L		ND	ND	ND	ND	ND		ND	ND	ND	ND
AROCLOR 1268	NG/L			ND					ND			
ARSENIC, TOTAL	MG/L	0.001	0.004	ND	0.0031	ND	ND	ND	0.0023	ND	ND	ND
BENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
BENZIDINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)PYRENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(G,H,I)PERYLENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(K)FLUORANTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BERYLLIUM, TOTAL	MG/L	ND	0.0004	ND	ND	ND	ND	ND	ND	ND	ND	ND
BETA-BHC	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
BIS(2-CHLOROETHOXY)METHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-CHLOROETHYL)ETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BOD5	MG/L		16	9	120	92	ND		17	4.9	24	53
BODU	MG/L		28.8	16.2	216	166	ND		30.6	8.82	43.2	95.4
BROMODICHLOROMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
BROMOFORM	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
BROMOMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
BUTYLBENZYLPHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM, TOTAL	MG/L	ND	0.0004	ND	ND	0.001	ND	ND	0.0002	ND	ND	0.002
CARBON TETRACHLORIDE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
CHLORDANE	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
CHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
CHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
CHLOROFORM	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
CHLOROMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
CHLOROPHYLL-A	UG/L			2.9	6.6	45	1			20.2	ND	5

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Battery Kemble						Foundary Branch				
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3	Wet 4	Wet 5
CHROMIUM, TOTAL	MG/L	0.003	0.03	ND	0.019	0.005	ND	ND	0.0026	ND	0.004	0.005
CHRYSENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	UG/L	ND	ND					ND	ND			
CIS-1,3-DICHLOROPROPENE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
COD	MG/L	62	126	112	130	160	63	27	41	47	36	110
COPPER, TOTAL	MG/L	0.29	0.12	ND	0.68	0.28	0.11	ND	0.034	0.076	0.058	0.083
CYANIDE, TOTAL	MG/L	ND	ND	ND	0.0013	0.001	ND	ND		0.0047	0.003	0.004
DELTA-BHC	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
DIBENZ(A,H)ANTHRACENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOCHLOROMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
DIELDRIN	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
DIETHYLPHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIMETHYLPHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYLPHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-N-OCTYL PHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN (2,3,7,8-TCDD)	PG/L				ND	ND	ND			ND	ND	ND
DISSOLVED PHOSPHORUS	MG/L	0.3	0.3	0.55	0.83	0.77	0.12	ND	0.71	0.6	0.17	0.33
ENDOSULFAN I	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
ENDOSULFAN II	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
ENDOSULFAN SULFATE	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
ENDRIN	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
ENDRIN ALDEHYDE	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
ETHYLBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
FECAL COLIFORM	CFU/100 ML	200	200	200	160000	22000	700	154	200	240	1600	30000
FECAL STREPTOCOCCUS	CFU/100 ML	ND	200	200	160000	17000	400	104	200	23	1600	ND
FLUORANTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FLUORENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GAMMA-BHC	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
HARDNESS	MG/L	52	76	114	300	120	140	ND	68	260	75	130
HEPTACHLOR	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
HEPTACHLOR EPOXIDE	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
HEXACHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBUTADIENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROCYCLOPENTADIENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Battery Kemble						Foundary Branch				
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3	Wet 4	Wet 5
INDENO(1,2,3-CD)PYRENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ISOPHORONE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD, TOTAL	MG/L	0.007	0.031	ND	0.055	0.013	0.0051	ND	0.015	0.0073	0.021	0.021
MERCURY, TOTAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METALS, TOTAL	MG/L	0.348	0.346	ND	1	0.369	0.142	ND	0.185	0.159	0.245	0.277
METHYLENE CHLORIDE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
NAPHTHALENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL, TOTAL	MG/L	ND	ND		0.017	0.009	ND	ND	ND	0.007	0.003	0.006
NITRATE + NITRITE (NO2 + NO3)	MG/L	0.79	1.04	2.35	0.69	0.81	0.8	1.51	1.09	2.9	1.3	0.95
NITROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-NITROSODIMETHYLAMINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-NITroso-DI-N-PROPYLAMINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-NITROSODIPHENYLAMINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
OIL AND GREASE	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6
ORGANIC NITROGEN	MG/L	0.99	2.48	0.54	2.3	8.9	1.4	0.7	0.49	ND	2.2	4.7
PAH1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH2	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH3	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PENTACHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PESTICIDES, GENERAL	MG/L			ND	ND	ND	ND		ND	ND	ND	ND
PH	SU				7.7	7.7	7			8.8	5.8	7.6
PHENANTHRENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOLS, TOTAL	MG/L	0.17	0.04	0.14	0.042	0.12	0.021	0.04	ND	0.066	0.034	0.098
PHEOPHYTIN A	UG/L			ND								
PYRENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SELENIUM, TOTAL	MG/L	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND
SILVER, TOTAL	MG/L	ND	ND		ND	0.001	0.0011	ND	ND	ND	ND	0.001
TEMPERATURE	°F				73	53.4	53.1			64.2	64.9	57.6
TETRACHLOROETHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
THALLIUM, TOTAL	MG/L	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	UG/L	ND	ND	ND	ND	5.3	ND	ND	5	ND	ND	ND
TOTAL BASE/NEUTRAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL DISSOLVED SOLIDS	MG/L	124	146	250	190	180	29	ND	114	230	32	130
TOTAL KJELDAHL NITROGEN (TKN)	MG/L	1.2	2.86	0.84	2.3	8.9	1.4	1.2	1.21	ND	2.2	4.7

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Battery Kemble						Foundary Branch				
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3	Wet 4	Wet 5
TOTAL NITROGEN	MG/L	1	1.42	2.65	3	9.7	2.2	2.71	2.3	2.9	3.5	3.8
TOTAL PAHs	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL PCBS	NG/L			ND	ND	ND	ND		ND	ND	ND	ND
TOTAL PHOSPHORUS (TP)	MG/L	0.26	1.06	0.52	0.89	1.7	0.2	0.51	0.7	0.69	0.3	0.59
TOTAL SUSPENDED SOLIDS	MG/L	24	558	19	120	45	18	ND	58	8	19	59
TOXAPHENE	UG/L			ND	ND	ND	ND		ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	UG/L	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,3 DICHLOROPROPENE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
TRICHLOROETHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
TRICHLOROFLUOROMETHANE	UG/L	ND	ND	ND				ND	5			
VINYL CHLORIDE	UG/L	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND
VOLATILE COMPOUNDS	MG/L	ND	ND	ND	ND	5.3	ND	ND	155	ND	ND	ND
ZINC, TOTAL	MG/L	0.047	0.16		0.23	0.059	0.026	ND	0.13	0.069	0.16	0.16

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Dalecarlia						Oxon Run		
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3
1,1,1-TRICHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROPROPANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DIPHENYLHYDRAZINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2',2,4,5'-PENTACHLOROBIPHENYL	UG/L		ND							
2,2',2,5'-TETRACHLOROBIPHENYL	UG/L		ND							
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	UG/L			ND						
2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	UG/L		ND	ND						
2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	UG/L		ND	ND						
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	UG/L		ND	ND						
2,2',3,4,4',5'-HEXACHLOROBIPHENYL	UG/L		ND	ND						
2,2',3,4,5,5',6-HEPTACHLOROBIPHENYL	UG/L		ND	ND						
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	UG/L		ND	ND						
2,2',3,4,5'-PENTACHLOROBIPHENYL	UG/L			ND						
2,2',3,5,5',6'-HEXACHLOROBIPHENYL	UG/L			ND						
2,2',3,5,5',6-HEXACHLOROBIPHENYL	UG/L		ND							
2,2',3,5'-TETRACHLOROBIPHENYL	UG/L			ND						
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	UG/L			ND						
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	UG/L		ND							
2,2',4,4'-TETRACHLOROBIPHENYL	UG/L		ND	ND						
2,2',4,5,5'-PENTACHLOROBIPHENYL	UG/L		ND	ND						
2,2',5,5'-TETRACHLOROBIPHENYL	UG/L		ND	ND						
2,2',5-TRICHLOROBIPHENYL	UG/L		ND	ND						
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	UG/L		ND							
2,3,3',4',6'-PENTACHLOROBIPHENYL	UG/L			ND						
2,3,3',4,6'-PENTACHLOROBIPHENYL	UG/L		ND							
2,3,4,5-TETRACHLORODIBENZO-P-DIOXIN	UG/L		ND							

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Dalecarlia						Oxon Run		
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	UG/L			ND						
2,3-DICHLOROBIPHENYL	UG/L		ND	ND						
2,4',5-TRICHLOROBIPHENYL	UG/L		ND	ND						
2,4,6-TRICHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DICHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DIMETHYLPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DINITROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DINITROTOLUENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-DINITROTOLUENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROBIPHENYL	UG/L		ND	ND						
2-CHLOROETHYL VINYL ETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLORONAPHTHALENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-NITROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-DICHLOROBENZIDINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
4,6-DINITRO-2-METHYLPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-BROMOPHENYLPHENYLETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLORO-3-METHYLPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLOROPHENYLPHENYLETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-NITROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACID COMPOUNDS	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACROLEIN	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACRYLONITRILE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ALDRIN	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
ALPHA-BHC	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
AMMONIA-NITROGEN	MG/L	0.21	1.94	0.23	2.8	ND	ND	ND	ND	ND
ANTHRACENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTIMONY, TOTAL	MG/L	0.0004	0.00033	ND	ND	ND	ND	0.021	0.0078	ND
AROCLOR 1016	MG/L		ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1221	MG/L		ND	ND	ND	ND	ND	ND	ND	ND

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Dalecarlia						Oxon Run		
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3
AROCLOR 1232	MG/L		ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1242	NG/L		ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1248	MG/L		ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1254	MG/L		ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1256	NG/L		ND							
AROCLOR 1260	MG/L		ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1268	NG/L		ND	ND						
ARSENIC, TOTAL	MG/L	0.001	0.0039	ND	ND	ND	ND	ND	ND	ND
BENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZIDINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)PYRENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(G,H,I)PERYLENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(K)FLUORANTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BERYLLIUM, TOTAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BETA-BHC	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-CHLOROETHOXY)METHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-CHLOROETHYL)ETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BOD5	MG/L		9	9	14	43	ND	16	22	75
BODU	MG/L		16.2	16.2	25.2	77.4	ND	28.8	39.6	135
BROMODICHLOROMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOFORM	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BUTYLBENZYLPHthalATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM, TOTAL	MG/L	ND	ND	ND	ND	0.0013	ND	ND	ND	ND
CARBON TETRACHLORIDE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLORDANE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
CHLORO BENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROFORM	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROPHYLL-A	UG/L				12	5	5.4		1.61	

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Dalecarlia						Oxon Run		
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3
CHROMIUM, TOTAL	MG/L	0.0019	0.0023	ND	0.0048	0.0039	ND	0.0046	0.0031	0.00425
CHRYSENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	UG/L	ND	ND							
CIS-1,3-DICHLOROPROPENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
COD	MG/L	53	65	51	86	85	120	70	38	190
COPPER, TOTAL	MG/L	0.068	0.053	ND	0.077	0.096	0.041	0.049	0.022	0.039
CYANIDE, TOTAL	MG/L	ND	ND	ND	0.0021	0.0012	ND	0.0009	ND	0.00345
DELTA-BHC	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
DIBENZ(A,H)ANTHRACENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOCHLOROMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIELDRIN	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
DIETHYLPHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIMETHYLPHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYLPHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-N-OCTYL PHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN (2,3,7,8-TCDD)	PG/L				ND	ND	ND	ND	ND	
DISSOLVED PHOSPHORUS	MG/L	0.21	0.46	0.22	0.47	0.29	0.16	0.18	0.12	0.21
ENDOSULFAN I	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN II	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN SULFATE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
ENDRIN	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
ENDRIN ALDEHYDE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
FECAL COLIFORM	CFU/100 ML	200	200	200	13000	4000	400	8	700	8000
FECAL STREPTOCOCCUS	CFU/100 ML	182	200	200	22000	ND	800	ND	ND	9000
FLUORANTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
FLUORENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
GAMMA-BHC	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
HARDNESS	MG/L	42	96	46	90	100	110	180	59	110
HEPTACHLOR	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
HEPTACHLOR EPOXIDE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBUTADIENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROCYCLOPENTADIENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Dalecarlia						Oxon Run		
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3
INDENO(1,2,3-CD)PYRENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ISOPHORONE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD, TOTAL	MG/L	0.0058	0.0036	ND	0.032	0.0088	0.012	0.011	0.0043	0.0125
MERCURY, TOTAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
METALS, TOTAL	MG/L	0.108	0.0631	ND	0.152	0.156	0.088	0.222	0.161	0.216
METHYLENE CHLORIDE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL, TOTAL	MG/L	ND	ND	ND	0.0053	0.0042	ND	0.0067	0.004	0.00475
NITRATE + NITRITE (NO2 + NO3)	MG/L	1.1	1.37	1.41	1.8	0.76	14	3.2	0.91	1.25
NITROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-NITROSODIMETHYLAMINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-NITroso-DI-N-PROPYLAMINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-NITROSODIPHENYLAMINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
OIL AND GREASE	MG/L	ND	ND	ND	ND	13	ND	ND	ND	13.5
ORGANIC NITROGEN	MG/L	0.79	ND	2.5	3.9	5.9	1.5	1.1	1.4	1.1
PAH1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH2	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH3	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PENTACHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PESTICIDES, GENERAL	MG/L		ND	ND	ND	ND	ND	ND	ND	ND
PH	SU				6.7	6.8	7.8	7.5	6.4	7.7
PHENANTHRENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOLS, TOTAL	MG/L	0.02	0.16	ND	0.047	0.094	0.041	0.019	0.054	0.0955
PHEOPHYTIN A	UG/L									
PYRENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
SELENIUM, TOTAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
SILVER, TOTAL	MG/L	ND	ND	ND	ND	0.0016	0.001	ND	ND	ND
TEMPERATURE	°F				68.9	64.6	55.6	61.9	49.8	61.7
TETRACHLOROETHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
THALLIUM, TOTAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL BASE/NEUTRAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL DISSOLVED SOLIDS	MG/L	132	174	130	ND	150	85	240	110	140
TOTAL KJELDAHL NITROGEN (TKN)	MG/L	1	1.42	2.73	6.7	5.9	1.5	1.1	1.4	1.1

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Dalecarlia						Oxon Run		
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 6	Wet 1	Wet 2	Wet 3
TOTAL NITROGEN	MG/L	1.31	3.31	1.64	8.5	6.7	16	4.3	2.3	2.35
TOTAL PAHs	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL PCBS	NG/L		ND	ND	ND	ND	ND	ND	ND	ND
TOTAL PHOSPHORUS (TP)	MG/L	0.19	0.46	0.32	1.7	0.66	0.22	0.25	0.2	0.485
TOTAL SUSPENDED SOLIDS	MG/L	ND	35	11	40	31	33	27	14	44.5
TOXAPHENE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	UG/L	ND	ND		ND	ND	ND	ND	ND	ND
TRANS-1,3 DICHLOROPROPENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROFLUOROMETHANE	UG/L	ND	ND	ND						
VINYL CHLORIDE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE COMPOUNDS	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ZINC, TOTAL	MG/L	0.031	ND	ND	0.033	0.04	0.034	0.13	0.12	0.155

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Tidal Basin					Washington Ship Channel			
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 1	Wet 2	Wet 3	Wet 4
1,1,1-TRICHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROPROPANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DIPHENYLHYDRAZINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2',2,4,5'-PENTACHLOROBIPHENYL	UG/L									
2,2',2,5'-TETRACHLOROBIPHENYL	UG/L						ND			
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	UG/L	ND								
2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	UG/L	ND					ND			
2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	UG/L	ND					ND			
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	UG/L	ND					ND			
2,2',3,4,4',5'-HEXACHLOROBIPHENYL	UG/L	ND					ND			
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	UG/L	ND					ND			
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	UG/L						ND			
2,2',3,4,5'-PENTACHLOROBIPHENYL	UG/L	ND					ND			
2,2',3,5,5',6'-HEXACHLOROBIPHENYL	UG/L									
2,2',3,5,5',6-HEXACHLOROBIPHENYL	UG/L	ND					ND			
2,2',3,5'-TETRACHLOROBIPHENYL	UG/L	ND								
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	UG/L									
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	UG/L	ND					ND			
2,2',4,4'-TETRACHLOROBIPHENYL	UG/L	ND					ND			
2,2',4,5,5'-PENTACHLOROBIPHENYL	UG/L						ND			
2,2',5,5'-TETRACHLOROBIPHENYL	UG/L	ND					ND			
2,2',5-TRICHLOROBIPHENYL	UG/L	ND					ND			
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	UG/L						ND			
2,3,3',4',6'-PENTACHLOROBIPHENYL	UG/L									
2,3,3',4,6'-PENTACHLOROBIPHENYL	UG/L						ND			
2,3,4,5-TETRACHLORODIBENZO-P-DIOXIN	UG/L						ND			

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Tidal Basin					Washington Ship Channel			
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 1	Wet 2	Wet 3	Wet 4
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	UG/L	ND								
2,3-DICHLOROBIPHENYL	UG/L						ND			
2,4',5-TRICHLOROBIPHENYL	UG/L	ND					ND			
2,4,6-TRICHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DICHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DIMETHYLPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DINITROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DINITROTOLUENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-DINITROTOLUENE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROBIPHENYL	UG/L	ND					ND			
2-CHLOROETHYL VINYL ETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLORONAPHTHALENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-NITROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-DICHLOROBENZIDINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-DINITRO-2-METHYLPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-BROMOPHENYLPHENYLETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLORO-3-METHYLPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLOROPHENYLPHENYLETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-NITROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACID COMPOUNDS	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACROLEIN	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACRYLONITRILE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ALDRIN	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ALPHA-BHC	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
AMMONIA-NITROGEN	MG/L	0.69	ND	ND	ND	ND		ND	ND	ND
ANTHRACENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTIMONY, TOTAL	MG/L	0.0013	0.0052	0.004	ND	ND	0.001	ND	0.0094	0.0059
AROCLOR 1016	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1221	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR Units	Tidal Basin					Washington Ship Channel			
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 1	Wet 2	Wet 3	Wet 4
AROCLOR 1232	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1242	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1248	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1254	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1256	NG/L						ND			
AROCLOR 1260	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR 1268	NG/L	ND					ND			
ARSENIC, TOTAL	MG/L	0.0012	ND	ND	ND	0.0024	ND	ND	ND	ND
BENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZIDINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)PYRENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(G,H,I)PERYLENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(K)FLUORANTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BERYLLIUM, TOTAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BETA-BHC	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-CHLOROETHOXY)METHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-CHLOROETHYL)ETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	ND	11	ND	ND	ND	ND	ND	ND	ND
BOD5	MG/L	44	54	52	16	23	10	15	15	18
BODU	MG/L	79.2	97.2	93.6	28.8	41.4	18	27	27	32.4
BROMODICHLOROMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOFORM	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
BUTYLBENZYLPHthalate	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CADMIUM, TOTAL	MG/L	ND	ND	ND	ND	ND	0.0003	ND	ND	0.003
CARBON TETRACHLORIDE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLORDANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROFORM	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROPHYLL-A	UG/L	0.4	10	18.6	ND	ND			6.02	

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR Units	Tidal Basin					Washington Ship Channel			
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 1	Wet 2	Wet 3	Wet 4
CHROMIUM, TOTAL	MG/L	0.0068	0.007	0.0035	0.011	0.0059	0.0057	0.0049	0.0051	0.006
CHRYSENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	UG/L						ND			
CIS-1,3-DICHLOROPROPENE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
COD	MG/L	142	180	240	41	59		65	24	32
COPPER, TOTAL	MG/L	0.038	0.071	0.034	0.083	0.012	0.14	0.14	0.17	0.24
CYANIDE, TOTAL	MG/L	ND	ND	0.0037	0.0011	0.0013	ND	ND	0.0025	0.0016
DELTA-BHC	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBENZ(A,H)ANTHRACENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOCHLOROMETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIELDRIN	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIETHYLPHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIMETHYLPHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYLPHTHALATE	UG/L	ND	ND	6	ND	ND	ND	ND	ND	ND
DI-N-OCTYL PHTHALATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN (2,3,7,8-TCDD)	PG/L		ND	ND	ND	ND			ND	
DISSOLVED PHOSPHORUS	MG/L	0.34	0.41	0.058	0.11	0.1		0.11	0.11	0.17
ENDOSULFAN I	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN II	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN SULFATE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDRIN	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDRIN ALDEHYDE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
FECAL COLIFORM	CFU/100 ML	200	30000	50	5000	200	200	160000	16000	50000
FECAL STREPTOCOCCUS	CFU/100 ML	200	240	1600	2300	5000	200	80	ND	1400
FLUORANTHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
FLUORENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
GAMMA-BHC	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
HARDNESS	MG/L		220	85	75	120	44	100	54	120
HEPTACHLOR	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEPTACHLOR EPOXIDE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBUTADIENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROCYCLOPENTADIENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROETHANE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Tidal Basin					Washington Ship Channel			
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 1	Wet 2	Wet 3	Wet 4
INDENO(1,2,3-CD)PYRENE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
ISOPHORONE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD, TOTAL	MG/L	0.0077	0.016	0.0059	0.023	0.0057	0.16	0.16	0.2	0.21
MERCURY, TOTAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
METALS, TOTAL	MG/L	0.135	0.221	0.0885	0.218	0.0741	0.468	0.518	0.615	0.75
METHYLENE CHLORIDE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL, TOTAL	MG/L	ND	0.012	0.0071	0.012		ND	0.0027	ND	0.0035
NITRATE + NITRITE (NO2 + NO3)	MG/L		ND	0.37	0.47	0.39		0.5	0.7	0.94
NITROBENZENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-NITROSODIMETHYLAMINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-NITroso-DI-N-PROPYLAMINE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-NITROSODIPHENYLAMINE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
OIL AND GREASE	MG/L	ND	ND	ND	ND	ND	ND	7	ND	23
ORGANIC NITROGEN	MG/L	0.75	2.8	ND	2.5	1.6		ND	1.4	ND
PAH1	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH2	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH3	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PENTACHLOROPHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PESTICIDES, GENERAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PH	SU		7.5	7.2	8	7.8		8.4	8.6	6.1
PHENANTHRENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOLS, TOTAL	MG/L		0.17	0.067	0.057	0.14	ND	0.039	0.042	0.1
PHEOPHYTIN A	UG/L	ND								
PYRENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
SELENIUM, TOTAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
SILVER, TOTAL	MG/L	ND	ND	ND	ND	0.0011	0.0008	ND	ND	0.0015
TEMPERATURE	°F		66	57.9	69.6	60		57.4	54.7	64.4
TETRACHLOROETHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
THALLIUM, TOTAL	MG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	UG/L	26	7.8	ND	ND	42	ND	ND	ND	ND
TOTAL BASE/NEUTRAL	MG/L	ND	11	6	ND	ND	ND	ND	ND	ND
TOTAL DISSOLVED SOLIDS	MG/L	88	120	97	39	20	62	56	280	91
TOTAL KJELDAHL NITROGEN (TKN)	MG/L	1.44	2.8	ND	2.5	1.6		ND	1.4	ND

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	Tidal Basin					Washington Ship Channel			
		Wet 1	Wet 2	Wet 3	Wet 4	Wet 5	Wet 1	Wet 2	Wet 3	Wet 4
TOTAL NITROGEN	MG/L	2.66	2.8	ND	3	2		ND	2.1	ND
TOTAL PAHs	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL PCBS	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL PHOSPHORUS (TP)	MG/L	0.35	0.69	0.28	0.48	0.3		0.16	0.15	0.2
TOTAL SUSPENDED SOLIDS	MG/L	57	92	33	110	47	26	40	13	21
TOXAPHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	UG/L		ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,3 DICHLOROPROPENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROFLUOROMETHANE	UG/L	ND					ND			
VINYL CHLORIDE	UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE COMPOUNDS	MG/L	26	7.8	ND	ND	42	ND	ND	ND	ND
ZINC, TOTAL	MG/L	0.08	0.11	0.034	0.089	0.047	0.16	0.21	0.23	0.28

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	C&O Canal			
		Wet 1	Wet 2	Wet 3	Wet 4
1,1,1-TRICHLOROETHANE	UG/L	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	UG/L	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	UG/L	ND	ND	ND	ND
1,1-DICHLOROETHANE	UG/L	ND	ND	ND	ND
1,1-DICHLOROETHENE	UG/L	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	UG/L	ND	ND	ND	ND
1,2-DICHLOROBENZENE	UG/L	ND	ND	ND	ND
1,2-DICHLOROETHANE	UG/L	ND	ND	ND	ND
1,2-DICHLOROPROPANE	UG/L	ND	ND	ND	ND
1,2-DIPHENYLHYDRAZINE	UG/L	ND	ND	ND	ND
1,3-DICHLOROBENZENE	UG/L	ND	ND	ND	ND
1,4-DICHLOROBENZENE	UG/L	ND	ND	ND	ND
2,2',2,4,5'-PENTACHLOROBIPHENYL	UG/L				
2,2',2,5'-TETRACHLOROBIPHENYL	UG/L				
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	UG/L	ND			
2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	UG/L	ND			
2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	UG/L	ND			
2,2',3,4,4',5',6-HEPTACHLOROBIPHENYL	UG/L	ND			
2,2',3,4,4',5'-HEXACHLOROBIPHENYL	UG/L	ND			
2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	UG/L	ND			
2,2',3,4,5,5'-HEXACHLOROBIPHENYL	UG/L	ND			
2,2',3,4,5'-PENTACHLOROBIPHENYL	UG/L	ND			
2,2',3,5,5',6'-HEXACHLOROBIPHENYL	UG/L	ND			
2,2',3,5,5',6-HEXACHLOROBIPHENYL	UG/L				
2,2',3,5'-TETRACHLOROBIPHENYL	UG/L	ND			
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	UG/L	ND			
2,2',4,4',5,5'-HEXACHLOROBIPHENYL	UG/L				
2,2',4,4'-TETRACHLOROBIPHENYL	UG/L	ND			
2,2',4,5,5'-PENTACHLOROBIPHENYL	UG/L	ND			
2,2',5,5'-TETRACHLOROBIPHENYL	UG/L	ND			
2,2',5-TRICHLOROBIPHENYL	UG/L	ND			
2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	UG/L				
2,3,3',4',6'-PENTACHLOROBIPHENYL	UG/L	ND			
2,3,3',4,6'-PENTACHLOROBIPHENYL	UG/L				
2,3,4,5-TETRACHLORODIBENZO-P-DIOXIN	UG/L				

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	C&O Canal			
		Wet 1	Wet 2	Wet 3	Wet 4
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	UG/L				
2,3-DICHLOROBIPHENYL	UG/L	ND			
2,4',5-TRICHLOROBIPHENYL	UG/L	ND			
2,4,6-TRICHLOROPHENOL	UG/L	ND	ND	ND	ND
2,4-DICHLOROPHENOL	UG/L	ND	ND	ND	ND
2,4-DIMETHYLPHENOL	UG/L	ND	ND	ND	ND
2,4-DINITROPHENOL	UG/L	ND	ND	ND	ND
2,4-DINITROTOLUENE	UG/L	ND	ND	ND	ND
2,6-DINITROTOLUENE	UG/L	ND	ND	ND	ND
2-CHLOROBIPHENYL	UG/L	ND			
2-CHLOROETHYLVINYL ETHER	UG/L	ND	ND	ND	ND
2-CHLORONAPHTHALENE	UG/L	ND	ND	ND	ND
2-CHLOROPHENOL	UG/L	ND	ND	ND	ND
2-NITROPHENOL	UG/L	ND	ND	ND	ND
3,3'-DICHLOROBENZIDINE	UG/L	ND	ND	ND	ND
4,4'-DDD	UG/L	ND	ND	ND	ND
4,4'-DDE	UG/L	ND	ND	ND	ND
4,4'-DDT	UG/L	ND	ND	ND	ND
4,6-DINITRO-2-METHYLPHENOL	UG/L	ND	ND	ND	ND
4-BROMOPHENYLPHENYLETHER	UG/L	ND	ND	ND	ND
4-CHLORO-3-METHYLPHENOL	UG/L	ND	ND	ND	ND
4-CHLOROPHENYLPHENYLETHER	UG/L	ND	ND	ND	ND
4-NITROPHENOL	UG/L	ND	ND	ND	ND
ACENAPHTHENE	UG/L	ND	ND	ND	ND
ACENAPHTHYLENE	UG/L	ND	ND	ND	ND
ACID COMPOUNDS	MG/L	ND	ND	ND	ND
ACROLEIN	UG/L	ND	ND	ND	ND
ACRYLONITRILE	UG/L	ND	ND	ND	ND
ALDRIN	UG/L	ND	ND	ND	ND
ALPHA-BHC	UG/L	ND	ND	ND	ND
AMMONIA-NITROGEN	MG/L		ND	ND	ND
ANTHRACENE	UG/L		ND	ND	ND
ANTIMONY, TOTAL	MG/L	0.0015	ND	ND	0.005
AROCLOR 1016	MG/L	ND	ND	ND	ND
AROCLOR 1221	MG/L	ND	ND	ND	ND

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	C&O Canal			
		Wet 1	Wet 2	Wet 3	Wet 4
AROCLOR 1232	MG/L	ND	ND	ND	ND
AROCLOR 1242	NG/L	ND	ND	ND	ND
AROCLOR 1248	MG/L	ND	ND	ND	ND
AROCLOR 1254	MG/L	ND	ND	ND	ND
AROCLOR 1256	NG/L				
AROCLOR 1260	MG/L	ND	ND	ND	ND
AROCLOR 1268	NG/L	ND			
ARSENIC, TOTAL	MG/L	0.022	ND	0.002	0.004
BENZENE	UG/L	ND	ND	ND	ND
BENZIDINE	UG/L	ND	ND	ND	ND
BENZO(A)ANTHRACENE	UG/L	ND	ND	ND	ND
BENZO(A)PYRENE	UG/L	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	UG/L	ND	ND	ND	ND
BENZO(G,H,I)PERYLENE	UG/L	ND	ND	ND	ND
BENZO(K)FLUORANTHENE	UG/L	ND	ND	ND	ND
BERYLLIUM, TOTAL	MG/L	ND	ND	ND	ND
BETA-BHC	UG/L	ND	ND	ND	ND
BIS(2-CHLOROETHOXY)METHANE	UG/L	ND	ND	ND	ND
BIS(2-CHLOROETHYL)ETHER	UG/L	ND	ND	ND	ND
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	ND	ND	ND	ND
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	ND	ND	ND	ND
BOD5	MG/L	44	4.3	32	56
BODU	MG/L	79.2	7.74	57.6	101
BROMODICHLOROMETHANE	UG/L	ND	ND	ND	ND
BROMOFORM	UG/L	ND	ND	ND	ND
BROMOMETHANE	UG/L	ND	ND	ND	ND
BUTYLBENZYLPHTHALATE	UG/L	ND	ND	ND	ND
CADMIUM, TOTAL	MG/L	ND	ND	ND	0.001
CARBON TETRACHLORIDE	UG/L	ND	ND	ND	ND
CHLORDANE	UG/L	ND	ND	ND	ND
CHLOROBENZENE	UG/L	ND	ND	ND	ND
CHLOROETHANE	UG/L	ND	ND	ND	ND
CHLOROFORM	UG/L	ND	ND	ND	ND
CHLOROMETHANE	UG/L	ND	ND	ND	ND
CHLOROPHYLL-A	UG/L		13.8	16.4	5

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	C&O Canal			
		Wet 1	Wet 2	Wet 3	Wet 4
CHROMIUM, TOTAL	MG/L	0.0047	ND	0.003	0.005
CHRYSENE	UG/L	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	UG/L				
CIS-1,3-DICHLOROPROPENE	UG/L	ND	ND	ND	ND
COD	MG/L	204	35	31	100
COPPER, TOTAL	MG/L	0.12	0.022	0.019	0.076
CYANIDE, TOTAL	MG/L	ND	0.002	0.004	0.002
DELTA-BHC	UG/L	ND	ND	ND	ND
DIBENZ(A,H)ANTHRACENE	UG/L	ND	ND	ND	ND
DIBROMOCHLOROMETHANE	UG/L	ND	ND	ND	ND
DIELDRIN	UG/L	ND	ND	ND	ND
DIETHYLPHTHALATE	UG/L	ND	ND	ND	ND
DIMETHYLPHTHALATE	UG/L	ND	ND	ND	ND
DI-N-BUTYLPHTHALATE	UG/L	ND	ND	ND	ND
DI-N-OCTYL PHTHALATE	UG/L	ND	ND	ND	ND
DIOXIN (2,3,7,8-TCDD)	PG/L		ND	ND	ND
DISSOLVED PHOSPHORUS	MG/L	0.54	0.15	0.097	0.28
ENDOSULFAN I	UG/L	ND	ND	ND	ND
ENDOSULFAN II	UG/L	ND	ND	ND	ND
ENDOSULFAN SULFATE	UG/L	ND	ND	ND	ND
ENDRIN	UG/L	ND	ND	ND	ND
ENDRIN ALDEHYDE	UG/L	ND	ND	ND	ND
ETHYLBENZENE	UG/L	ND	ND	ND	ND
FECAL COLIFORM	CFU/100 ML	200	1600	900	23000
FECAL STREPTOCOCCUS	CFU/100 ML	200	80	23	ND
FLUORANTHENE	UG/L	ND	ND	ND	ND
FLUORENE	UG/L	ND	ND	ND	ND
GAMMA-BHC	UG/L	ND	ND	ND	ND
HARDNESS	MG/L	170	330	100	140
HEPTACHLOR	UG/L	ND	ND	ND	ND
HEPTACHLOR EPOXIDE	UG/L	ND	ND	ND	ND
HEXACHLOROBENZENE	UG/L	ND	ND	ND	ND
HEXACHLOROBUTADIENE	UG/L	ND	ND	ND	ND
HEXACHLOROCYCLOPENTADIENE	UG/L	ND	ND	ND	ND
HEXACHLOROETHANE	UG/L	ND	ND	ND	ND

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	C&O Canal			
		Wet 1	Wet 2	Wet 3	Wet 4
INDENO(1,2,3-CD)PYRENE	UG/L	ND	ND	ND	ND
ISOPHORONE	UG/L	ND	ND	ND	ND
LEAD, TOTAL	MG/L	0.024	0.004	0.004	0.012
MERCURY, TOTAL	MG/L		ND	ND	ND
METALS, TOTAL	MG/L	0.316	0.071	0.062	0.191
METHYLENE CHLORIDE	UG/L	ND	ND	ND	ND
NAPHTHALENE	UG/L	ND	ND	ND	ND
NICKEL, TOTAL	MG/L	ND	0.006	0.002	0.006
NITRATE + NITRITE (NO2 + NO3)	MG/L	2.87	0.086	0.68	1
NITROBENZENE	UG/L	ND	ND	ND	ND
N-NITROSODIMETHYLAMINE	UG/L	ND	ND	ND	ND
N-NITROSO-DI-N-PROPYLAMINE	UG/L	ND	ND	ND	ND
N-NITROSODIPHENYLAMINE	UG/L	ND	ND	ND	ND
OIL AND GREASE	MG/L		ND	ND	ND
ORGANIC NITROGEN	MG/L		ND	1.1	7.2
PAH1	UG/L	ND	ND	ND	ND
PAH2	UG/L	ND	ND	ND	ND
PAH3	UG/L	ND	ND	ND	ND
PENTACHLOROPHENOL	UG/L	ND	ND	ND	ND
PESTICIDES, GENERAL	MG/L	ND	ND	ND	ND
PH	SU		8.6	5.6	5.7
PHENANTHRENE	UG/L	ND	ND	ND	ND
PHENOL	UG/L	ND	ND	ND	ND
PHENOLS, TOTAL	MG/L	0.03	0.082	0.1	ND
PHEOPHYTIN A	UG/L				
PYRENE	UG/L	ND	ND	ND	ND
SELENIUM, TOTAL	MG/L	0.0031	ND	ND	ND
SILVER, TOTAL	MG/L	0.0005	0.002	ND	0.002
TEMPERATURE	°F		63.5	46.4	55.6
TETRACHLOROETHENE	UG/L	ND	ND	ND	ND
THALLIUM, TOTAL	MG/L	ND	ND	ND	ND
TOLUENE	UG/L	ND	ND	ND	ND
TOTAL BASE/NEUTRAL	MG/L	ND	ND	ND	ND
TOTAL DISSOLVED SOLIDS	MG/L	506	390	140	170
TOTAL KJELDAHL NITROGEN (TKN)	MG/L	5.16	ND	1.1	7.2

Appendix E. Individual Parameter Results of Storm Event Data at Seven Potomac River Monitoring Stations - 2005-2007

Parameter	DMR_Units	C&O Canal			
		Wet 1	Wet 2	Wet 3	Wet 4
TOTAL NITROGEN	MG/L	8.03	ND	1.8	8.2
TOTAL PAHs	UG/L	ND	ND	ND	ND
TOTAL PCBS	NG/L	ND	ND	ND	ND
TOTAL PHOSPHORUS (TP)	MG/L	0.7	0.18	0.11	0.64
TOTAL SUSPENDED SOLIDS	MG/L	35	ND	9	25
TOXAPHENE	UG/L	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	UG/L		ND	ND	ND
TRANS-1,3 DICHLOROPROPENE	UG/L	ND	ND	ND	ND
TRICHLOROETHENE	UG/L	ND	ND	ND	ND
TRICHLOROFLUOROMETHANE	UG/L	ND			
VINYL CHLORIDE	UG/L	ND	ND	ND	ND
VOLATILE COMPOUNDS	MG/L	ND	ND	ND	ND
ZINC, TOTAL	MG/L	0.14	0.038	0.032	0.081