"David Norton"
<dnorton@ci.brockton.ma.us>

01/25/2008 06:52 AM

To Steven Couto/R1/USEPA/US@EPA

cc "Johnson, Warren A SEA" <johnson.warren@siemens.com>, "Burns, David (DEP)" <David.Burns@state.ma.us>, "Jim Lauzon"

bcc

Subject October 2005 Reported SSO's

Hello Steve

Relative to our discussions yesterday on the trailer park and flooding. The records show we submitted 8 reported SSO events that occurred during the period in question. These events as reported were the result of hydraulic exceedances of the sewer system capacity. Of the eight reported, 2 or 3 were a short distance upstream and in the general area of the AWRF.

David A. Norton

City of Brockton

Water & Sewer Contract Administrator

303 Oak Hill Way

Brockton, MA 02301

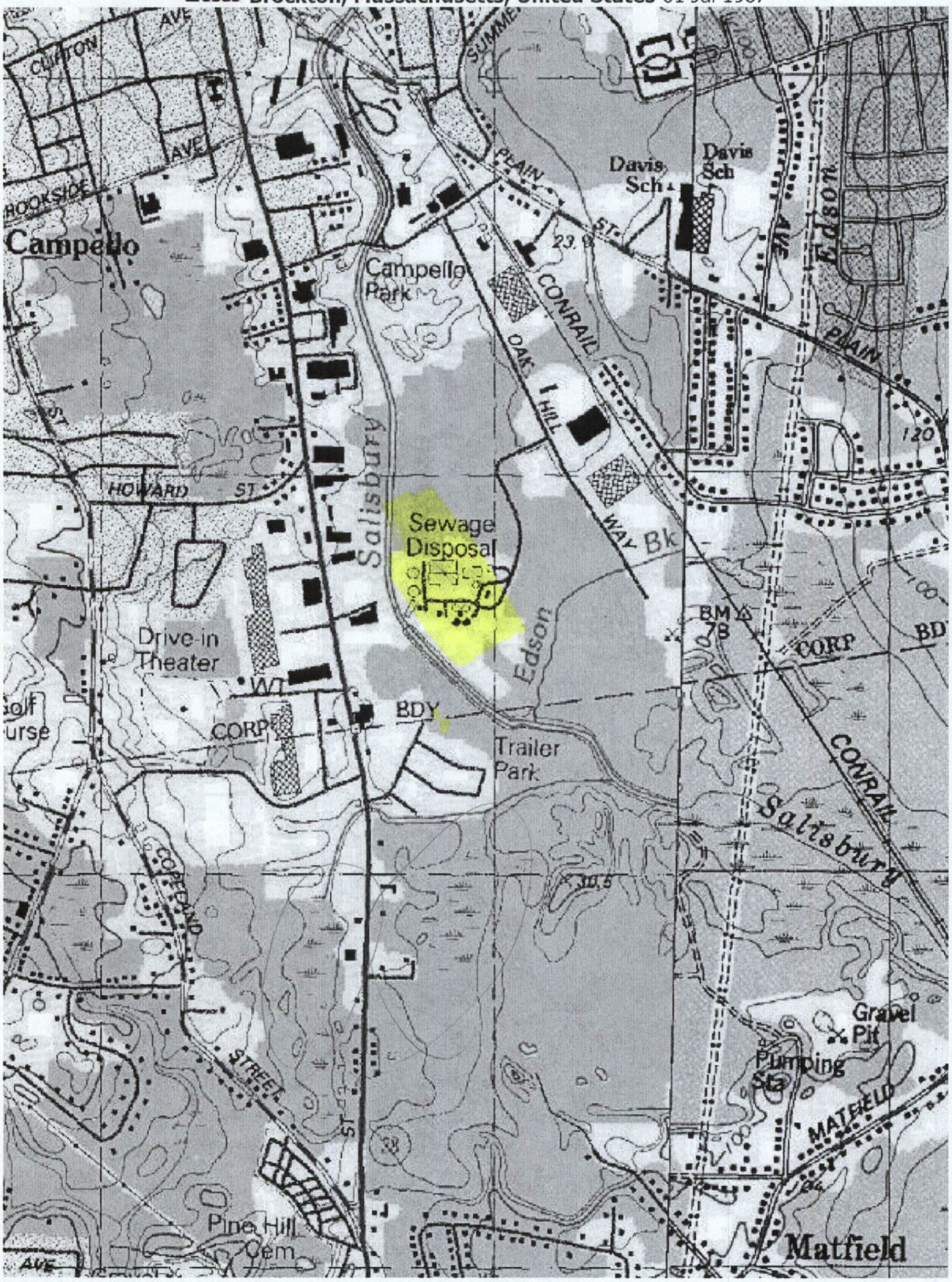
winmail.dat

DMR Flows
Brockton AWRF
10/1/2005 TO 10/31/2005

Date	Q-RAW-CAL MGD	Q-MAX MGD	Q-MIN MGD	Q-RAW MGD	RAINFALL INCHES	TEMP-RAW DEG F	2ND-Diversion MGD
10/1/2005	12.4	19.5	10.5	15.95	0.00	70.0	0.00
10/2/2005	12.6	19.5	11.0	16.12	0.00	70.0	0.00
10/3/2005	12.5	19.0	12.5	16.00	0.00	70.0	0.00
10/4/2005	12.6	18.8	10.8	16.00	0.01	70.0	0.00
10/5/2005	13.7	20.2	14.0	17.10	0.01	70.0	0.00
10/6/2005	12.5	19.6	10.5	16.00	0.01	70.0	0.00
10/7/2005	13.0	18.5	9.8	16.40	0.02	70.0	0.00
10/8/2005	14.2	22.7	12.8	17.70	1.17	70.0	0.00
10/9/2005	20.9	32.0	15.0	24.26	1.53	70.0	0.00
10/10/2005	19.2	29.0	14.0	22.80	0.30	69.0	0.00
10/11/2005	17.3	29.4	13.6	20.90	0.22	69.0	0.00
10/12/2005	17.2	28.0	15.0	20.70	0.12	69.0	0.00
10/13/2005	17.8	27.8	14.5	21.40	0.48	69.0	0.00
10/14/2005	21.3	30.0	16.0	24.80	2.00	69.0	0.00
10/15/2005	59.6	70.0	32.0	62.70	5.13	69.0	14.60
10/16/2005	60.1	68.5	55.6	61.70	0.00	69.0	15.10
10/17/2005	47.7	56.0	45.5	49.23	0.00	69.0	0.00
10/18/2005	39.0	43.7	37.0	40.50	0.03	68.0	0.00
10/19/2005	34.7	39.0	32.5	36.40	0.00	68.0	0.00
10/20/2005	31.3	37.0	29.0	34.70	0.00	66.0	0.00
10/21/2005	29.6	35.7	27.0	33.20	0.00	66.0	0.00
10/22/2005	30.1	37.5	28.0	33.70	0.84	65.0	0.00
10/23/2005	33.7	42.0	31.0	37.20	0.27	65.0	0.00
10/24/2005	28.8	34.5	28.5	32.50	0.25	65.0	0.00
10/25/2005	40.0	52.0	31.8	43.40	1.87	65.0	0.00
10/26/2005	42.8	48.5	40.0	46.20	0.02	65.0	0.00
10/27/2005	37.1	44.0	36.8	40.60	0.00	63.0	0.00
10/28/2005	32.7	39.0	32.0	36.10	0.00	63.0	0.00
10/29/2005	30.5	37.3	27.5	33.90	0.54	63.0	0.00
10/30/2005	31.2	41.0	28.5	34.70	0.00	63.0	0.00
10/31/2005	30.1	38.9	28.0	33.60	0.00	63.0	0.00
Average	27.6	35.4	24.2	30.85	0.48	67.4	0.96
Total	856.4	1,098.6	750.7	956.46	14.82	2,090.0	29.70
Minimum	12.4	18.5	9.8	15.95	0.00	63.0	0.00
Maximum	60.1	70.0	55.6	62.70	5.13	70.0	15.10

Send To Printer Back To TerraServer Change to 11x17 Print Size Show Grid Lines Change to Landscape

USGS Brockton, Massachusetts, United States 01 Jul 1987



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Toni Bandrowicz/R1/USEPA/US
02/26/2008 08:01 AM

To Amanda Helwig/R1/USEPA/US@EPA
cc Margery Adams/R1/USEPA/US@EPA, Denise Leonard/R1/USEPA/US@EPA, Steven Couto/R1/USEPA/US@EPA, Mike
bcc
Subject Re: Brockton POTW

no disruption after Oct

got SBA loan $200,000 doesn't want to move

See my availability below
Tonia Bandrowicz
Senior Enforcement Counsel
Office of Environmental Stewardship
U.S. Environmental Protection Agency
One Congress Street
Suite 1100
Boston, Massachusetts 02114-2023
Mail Code: SEL
617-918-1734
617-918-1809 (FAX)
bandrowicz.toni@epa.gov

Please Save Paper! Don't Print This Message Unless Necessary!

-----Amanda Helwig/R1/USEPA/US wrote: -----

To: Toni Bandrowicz/R1/USEPA/US@EPA, Margery Adams/R1/USEPA/US@EPA, Denise Leonard/R1/USEPA/US@EPA, Steven Couto/R1/USEPA/US@EPA, Mike Fedak/R1/USEPA/US@EPA
From: Amanda Helwig/R1/USEPA/US
Date: 02/25/2008 03:16PM
cc: Edie Goldman/R1/USEPA/US@EPA, Ann Williams/R1/USEPA/US@EPA
Subject: Brockton POTW

Hi All,

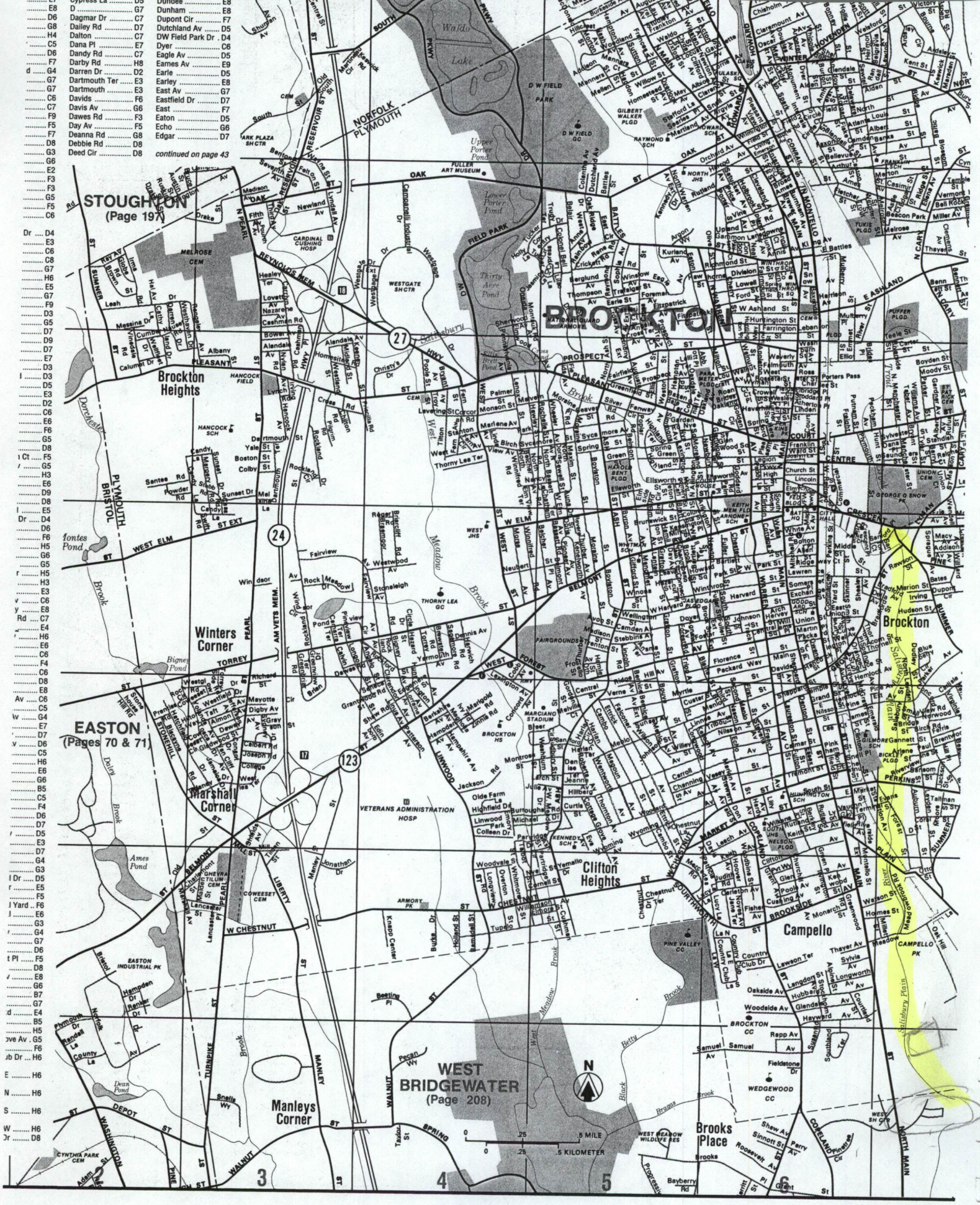
I am writing with a request to schedule a meeting to discuss the Brockton POTW, in relation to its potential impact on a mobile home park located shortly downstream in West Bridgewater. I have provided some background information below.

We are currently in the middle of an investigation of potential wetlands violations that have occurred at the mobile home park. Margery, Denise, and I attended a meeting last week with numerous individuals interested in this situation, including the owner of the site and numerous public officials from the state, the Town of West Bridgewater, and the City of Brockton. The owner of the mobile home park conducted work on the site (likely in wetlands areas) to prevent flooding. According to the owner and many public officials, the site floods fairly frequently, and the flood waters often contain raw sewage. These individuals strongly believe that the sewage (and most of the flood waters) emanate from the Brockton POTW.

Based on past conversations with Steve, we indicated during the meeting that we did not believe that the POTW was the source of the raw sewage since all the input to the plant goes through primary treatment. However, several of the public officials from the state and West Bridgewater claimed that they are prepared to sign affidavits that they have personally seen raw sewage flow directly out of the treatment plant into the Salisbury Plain River towards West Bridgewater.

E8
D G7
Dagmar Dr C7
Dailey Rd D7
Dalton C7
Dana Pl E7
Dandy Rd C7
Darby Rd H8
Darren Dr D2
Dartmouth Ter E3
Dartmouth E3
Davids F6
Davis Av G6
Dawes Rd F3
Day Av F5
Deanna Rd G8
Debbie Rd D8
Deed Cir D8
Dundee E8
Dunham E8
Dupont Cir F7
Dutchland Av D5
DW Field Park Dr . D4
Dyer C6
Eagle Av D5
Earnes Av E9
Earle D5
Earley E8
East Av G7
Eastfield Dr D7
East F7
Eaton D5
Echo G6
Edgar D7

continued on page 43



On several occasions, and most notably during the October 2005 100-year storm event, the West Bridgewater Fire Department had to evacuate the residents (age 55+) of the mobile home park because of the flooding, as well as the public health implications from the sewage in the water. Therefore, the owner of the park and many of the West Bridgewater town officials contend that work had to be conducted on the site, in order to prevent future unsanitary flood events.

Since this issue has become a significant factor in our investigation, we want to thoroughly understand the situation at the Brockton POTW. We would like to determine whether any possibility exists that the treatment plant might, on occasion, bypass primary treatment and discharge raw sewage into the Salisbury Plain River.

I have proposed several possible meeting times below, keeping in mind that Toni is generally only in the office on Mon/Wed/Thurs. Toni suggested that, during our meeting, we call some individuals from the state who have actually been to the treatment plant and have been working closely with EPA on the Brockton POTW case. Please let me know if any of these dates/times work for you.

Wed., Feb. 27th - between 11am and 2pm - **Available**
Thurs., Feb. 28th - anytime - **Available after 10:30 before 1:30**
Wed., Mar. 5th - anytime from 11am on - **Available**

Just a note, Steve & I will be having a conf. call with folks from the MA DEP regarding Brockton's compliance with SEPs under the consent decree at 2:00 on the 28th. If we meet on the 28th right before the 2:00 call, then you could participate in the call at 2:00 which will include several people from the state that are familiar with the Brockton WWTF. We could devote the first part of the 2:00 call to this issue and then you could get off when we turn to the SEPs topics.

Thanks.

Mandy

Amanda J. Helwig
Office of Regional Counsel / Enforcement Office
U.S. Environmental Protection Agency, New England
One Congress Street
Boston, MA 02114-2023
Phone: (617) 918-1180
Fax: (617) 918-0180
helwig.amanda@epa.gov

D. Stormwater Management Program Summary (Cont.)

3. Illicit Discharge Detection and Elimination:

3-1
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Illicit Connection Ordinances	City Council	Ordinances Passed

3-2
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Dry Weather Screening	Highway Department	Outfalls Screened During 4th Permit Year

3-3
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Map Stormwater Outfalls	Engineering Department	Map Created

3-4
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Sewer GIS	Sewer Department	GIS created

3-5
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Stormdrain GIS	Engineering Department	GIS Created

3-6
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Identify and Remove Non-Stormwater Discharges to MS4	Engineering Department	Prioritized list of outfalls by the end of the 1st year, field investigations completed, illicit connections located and removed with in three years of dry weather screening

3-7 (also BMP #1-3)
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Bill Stuffers in Water and Sewer Bills	Water and Sewer Departments	Illicit Connection Bill Stuffer Created in Permit Year 2

4. Construction Site Runoff Control:

4-1
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Construction Site Erosions and Sediment Control Ordinances	Planning Board, Planning Department and Engineering Department	Ordinance developed and presented to City Council, Enforcement actions taken after ordinance is passed

4-2
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Site Plan Reviews	Robert Smith, Craig Young, Jacques Borges and Howard Newton	Number of Site Plans Reviewed

USGS **Brockton, Massachusetts, United States** 03 Apr 1995

0 200M 0 200yd

Image courtesy of the U.S. Geological Survey

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Explanation of the Preliminary Climate Data (F6) Product

Please note this information is preliminary and subject to revision. Official and certified climatic data can be accessed at the National Climatic Data Center (NCDC) (http://www.ncdc.noaa.gov/oa/ncdc.html).

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: TAUNTON, MA
MONTH: OCTOBER
YEAR: 2005
LATITUDE: 41 53 N
LONGITUDE: 71 01 W

TEMPERATURE IN F:							:PCPN:	SNOW:	WIND				:SUNSHINE:	SKY		:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
										AVG	MX	2MIN						
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	71	38	55	M	10	0	0.00	M	M	3.2	12	220	M	M	8	NA	14	210
2	80	43	62	M	3	0	0.01	M	M	0.5	8	130	M	M	5	NA	12	110
3	76	48	62	M	3	0	0.01	M	M	1.8	8	220	M	M	1	NA	12	210
4	77	55	66	M	0	1	0.01	M	M	2.5	9	120	M	M	6	NA	10	120
5	79	59	69	M	0	4	0.00	M	M	2.4	10	130	M	M	5	NA	13	120
6	80	67	74	M	0	9	0.02	M	M	4.5	13	220	M	M	7	NA	16	210
7	82	70	76	M	0	11	0.01	M	M	7.0	16	180	M	M	4	NA	20	180
8	78	59	69	M	0	4	0.54 8D	M	M	10.3	20	190	M	M	2	NA	29	190
9	59	54	57	M	8	0	2.56	M	M	6.8	13	360	M	M	0	NA	16	360
10	58	55	57	M	8	0	0.07	M	M	6.9	10	10	M	M	4	NA	14	50
11	60	56	58	M	7	0	0.08	M	M	9.0	17	50	M	M	7	NA	26	20
12	59	54	57	M	8	0	0.12 7 10 11	M	M	11.4	17	50	M	M	7	NA	30	40
13	62	57	60	M	5	0	0.43	M	M	10.6	15	70	M	M	1	NA	23	70
14	63	59	61	M	4	0	2.10	M	M	7.3	13	70	M	M	0	NA	17	60
15	63	53	58	M	7	0	4.44	M	M	8.5	16	50	M	M	3	NA	25	60
16	64	53	59	M	6	0	0.00	M	M	14.0	30	270	M	M	0	NA	40	270
17	64	47	56	M	9	0	0.00	M	M	10.1	20	290	M	M	0	NA	26	280
18	69	47	58	M	7	0	0.02	M	M	7.3	18	250	M	M	4	NA	24	280
19	67	48	58	M	7	0	0.00	M	M	8.5	16	210	M	M	0	NA	25	220
20	60	38	49	M	16	0	0.00	M	M	4.8	15	330	M	M	0	NA	21	300
21	58	34	46	M	19	0	0.00	M	M	1.3	10	270	M	M	0	NA	14	260
22	52	32	42	M	23	0	0.54	M	M	4.3	16	70	M	M	8	NA	22	60
23	52	46	49	M	16	0	0.20	M	M	7.9	17	290	M	M	10	NA	26	60
24	52	37	45	M	20	0	0.12	M	M	4.3	13	70	M	M	8	NA	18	80
25	53	42	48	M	17	0	1.40	M	M	14.9	28	30	M	M	10	NA	38	30
26	53	38	46	M	19	0	0.01	M	M	10.2	25	300	M	M	6	NA	37	310
27	54	35	45	M	20	0	0.00	M	M	4.6	12	290	M	M	6	NA	15	280
28	48	41	45	M	20	0	0.00	M	M	4.9	12	360	M	M	9	NA	15	360
29	42	34	38	M	27	0	0.50	M	M	6.5	16	10	M	M	9	NA	20	20
30	70	37	54	M	11	0	0.00	M	M	6.3	15	290	M	M	0	NA	20	310
31	72	37	55	M	10	0	0.00	M	M	5.2	13	210	M	M	0	NA	16	210
SM	1977	1473			310	29	13.19		0.0	207.8			M		141			
AV	63.8	47.5								6.7	FASTST		PSBL		4	MAX(MPH)		
								MISC ---->			30	270					40	270

1/23/08 3:09 PM

Permit Limits with DMR Data - 1 Facility

BROCKTON A W R F

001A

Monitoring Location = 1

BOD, 5-day, 20 deg. C

Limit Start Date = Nov 1, 1999

Season = 0

			Q1 Req. Mon. lb/d MO AVG	Q2 Req. Mon. lb/d DAILY MX	C1 Req. Mon. mg/L MO AVG	C2 Req. Mon. mg/L WKLY AVG	C3 Req. Mon. mg/L DAILY MX
00310	8/31/05	9/14/05	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F
00310	9/30/05	10/17/05	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F
00310	10/31/05	11/18/05	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F
00310	11/30/05	12/14/05	NODI Code = 9	NODI Code = 9	NODI Code = 9	NODI Code = 9	NODI Code = 9
00310	12/31/05	1/17/06	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F

BOD, carbonaceous, 05 day, 20 C

Limit Start Date = Nov 1, 1999

Season = 0

Q1	Q2	C1	C2	C3
750 lb/d	2250 lb/d	5 mg/L	8 mg/L	15 mg/L
MO AVG	DAILY MX	MO AVG	WKLY AVG	DAILY MX

			Q1 750 lb/d MO AVG	Q2 2250 lb/d DAILY MX	C1 5 mg/L MO AVG	C2 8 mg/L WKLY AVG	C3 15 mg/L DAILY MX
80082	8/31/05	9/14/05	228 lb/d	651 lb/d	2 mg/L	3 mg/L	6 mg/L
80082	9/30/05	10/17/05	210 lb/d	371 lb/d	2 mg/L	2 mg/L	3 mg/L
80082	10/31/05	11/18/05	473 lb/d	1,071 lb/d	2 mg/L	3 mg/L	4 mg/L

Season = 1

			Q1 2250 lb/d MO AVG	Q2 4500 lb/d DAILY MX	C1 15 mg/L MO AVG	C2 25 mg/L WKLY AVG	C3 30 mg/L DAILY MX
80082	11/30/05	12/14/05	20,120 lb/d	32,871 lb/d	108 mg/L	122 mg/L	140 mg/L
80082	12/31/05	1/17/06	657 lb/d	1,909 lb/d	4 mg/L	5 mg/L	10 mg/L

Chlorine, total residual

Limit Start Date = Nov 1, 1999

Season = 0

			C1 .011 mg/L MO AVG	C3 .019 mg/L DAILY MX
50060	8/31/05	9/14/05	0 mg/L	0 mg/L
50060	9/30/05	10/17/05	0 mg/L	0 mg/L
50060	10/31/05	11/18/05	0.01 mg/L	0.13 mg/L
50060	11/30/05	12/14/05	NODI Code = 9	NODI Code = 9
50060	12/31/05	1/17/06	NODI Code = F	NODI Code = F

Coliform, fecal general

Limit Start Date = Nov 1, 1999

Season = 0

			C1 200 #/100mL MO GEO	C3 400 #/100mL DAILY MX
74055	8/31/05	9/14/05	16 #/100mL	42 #/100mL
74055	9/30/05	10/17/05	27 #/100mL	140 #/100mL
74055	10/31/05	11/18/05	45 #/100mL	810 #/100mL

Copper, total (as Cu)

Limit Start Date = Nov 1, 1999

Season = 0

			C1 5.3 ug/L MO AVG	C3 7.4 ug/L DAILY MX
01042	8/31/05	9/14/05	5 ug/L	5 ug/L
01042	9/30/05	10/17/05	5.8 ug/L	5.8 ug/L
01042	10/31/05	11/18/05	6.8 ug/L	6.8 ug/L
01042	11/30/05	12/14/05	6.4 ug/L	6.4 ug/L
01042	12/31/05	1/17/06	7.6 ug/L	7.6 ug/L

Flow, in conduit or thru treatment plant

Limit Start Date = Nov 1, 1999

Season = 0

Q1 Req. Mon. Mgal/d	Q2 Req. Mon. Mgal/d

			MO AVG	DAILY MX
50050	8/31/05	9/14/05	12.7 Mgal/d	24.5 Mgal/d
50050	9/30/05	10/17/05	13.7 Mgal/d	18 Mgal/d
50050	10/31/05	11/18/05	27.6 Mgal/d	60.1 Mgal/d
50050	11/30/05	12/14/05	22.8 Mgal/d	32.6 Mgal/d
50050	12/31/05	1/17/06	22 Mgal/d	30.8 Mgal/d

Nitrite plus nitrate total 1 det. (as N)

Limit Start Date = Nov 1, 1999

Season = 0

			Q1 Req. Mon. lb/d MO AVG	Q2 Req. Mon. lb/d DAILY MX	C1 Req. Mon. mg/L MO AVG	C3 Req. Mon. mg/L DAILY MX
00630	8/31/05	9/14/05	1,159 lb/d	1,488 lb/d	11.7 mg/L	15.2 mg/L
00630	9/30/05	10/17/05	926 lb/d	939 lb/d	7.2 mg/L	8.2 mg/L
00630	10/31/05	11/18/05	962 lb/d	1,055 lb/d	7.7 mg/L	8.3 mg/L
00630	11/30/05	12/14/05	1,029 lb/d	1,142 lb/d	5.7 mg/L	5.9 mg/L
00630	12/31/05	1/17/06	964 lb/d	1,004 lb/d	4.6 mg/L	5.3 mg/L

Nitrogen, ammonia total (as N)

Limit Start Date = Nov 1, 1999

Season = 1

			Q1 150 lb/d MO AVG	Q2 225 lb/d DAILY MX	C1 1 mg/L MO AVG	C2 1 mg/L WKLY AVG	C3 1.5 mg/L DAILY MX
00610	8/31/05	9/14/05	44 lb/d	70 lb/d	0.4 mg/L	0.59 mg/L	0.59 mg/L
00610	9/30/05	10/17/05	36 lb/d	60 lb/d	0.3 mg/L	0.5 mg/L	0.5 mg/L

			Q1	Q2	C1	C2	C3
			150 lb/d	225 lb/d	1 mg/L	1 mg/L	1.5 mg/L
			MO AVG	DAILY MX	MO AVG	WKLY AVG	DAILY MX
00610	10/31/05	11/18/05	87 lb/d	203 lb/d	0.45 mg/L	0.68 mg/L	0.83 mg/L

Season = 3

			C1	C3
			9.5 mg/L	Req. Mon. mg/L
			MO AVG	DAILY MX
00610	12/31/05	1/17/06	3 mg/L	10 mg/L

Nitrogen, Kjeldahl, total (as N)

Limit Start Date = Nov 1, 1999

Season = 0

			Q1	Q2	C1	C3
			Req. Mon. lb/d	Req. Mon. lb/d	Req. Mon. mg/L	Req. Mon. mg/L
			MO AVG	DAILY MX	MO AVG	DAILY MX
00625	8/31/05	9/14/05	139 lb/d	147 lb/d	1.4 mg/L	1.5 mg/L
00625	9/30/05	10/17/05	404 lb/d	404 lb/d	2.7 mg/L	2.7 mg/L
00625	10/31/05	11/18/05	218 lb/d	268 lb/d	1.7 mg/L	1.8 mg/L
00625	11/30/05	12/14/05	212 lb/d	271 lb/d	1.2 mg/L	1.4 mg/L
00625	12/31/05	1/17/06	545 lb/d	848 lb/d	2.4 mg/L	3.3 mg/L

Oxygen, dissolved (DO)

Limit Start Date = Nov 1, 1999

Season = 0

			C1 6 mg/L MINIMUM
00300	8/31/05	9/14/05	6.7 mg/L
00300	9/30/05	10/17/05	6.7 mg/L
00300	10/31/05	11/18/05	6.5 mg/L
00300	11/30/05	12/14/05	7.2 mg/L
00300	12/31/05	1/17/06	7.7 mg/L

pH

Limit Start Date = Nov 1, 1999

Season = 0

			C1 6.5 SU MINIMUM	C3 8.3 SU MAXIMUM
00400	8/31/05	9/14/05	6.5 SU	7.2 SU
00400	9/30/05	10/17/05	6.5 SU	7.1 SU
00400	10/31/05	11/18/05	6.5 SU	7.2 SU
00400	11/30/05	12/14/05	6.5 SU	6.9 SU
00400	12/31/05	1/17/06	6.4 SU	6.9 SU

Phosphorus, total (as P)

Limit Start Date = Nov 1, 1999

Season = 0

Q1 150 lb/d MO AVG	Q2 225 lb/d DAILY MX	C1 1 mg/L MO AVG	C2 1 mg/L WKLY AVG	C3 1.5 mg/L DAILY MX

			Q1	Q2	C1	C2	C3
			150 lb/d	225 lb/d	1 mg/L	1 mg/L	1.5 mg/L
			MO AVG	DAILY MX	MO AVG	WKLY AVG	DAILY MX
00665	8/31/05	9/16/05	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F
00665	9/30/05	10/17/05	56 lb/d	98 lb/d	0.5 mg/L	0.5 mg/L	0.9 mg/L
00665	10/31/05	11/18/05	77 lb/d	133 lb/d	0.43 mg/L	0.65 mg/L	0.8 mg/L

Solids, total suspended

Limit Start Date = Nov 1, 1999

Season = 0

			Q1	Q2	C1	C2	C3
			750 lb/d	2250 lb/d	5 mg/L	8 mg/L	15 mg/L
			MO AVG	DAILY MX	MO AVG	WKLY AVG	DAILY MX
00530	8/31/05	9/14/05	358 lb/d	910 lb/d	4 mg/L	5 mg/L	9 mg/L
00530	9/30/05	10/17/05	323 lb/d	560 lb/d	3 mg/L	4 mg/L	5 mg/L
00530	10/31/05	11/18/05	1,133 lb/d	2,498 lb/d	5 mg/L	7 mg/L	10 mg/L

Season = 1

			Q1	Q2	C1	C2	C3
			2250 lb/d	4500 lb/d	15 mg/L	25 mg/L	30 mg/L
			MO AVG	DAILY MX	MO AVG	WKLY AVG	DAILY MX
00530	11/30/05	12/14/05	1,312 lb/d	3,266 lb/d	7 mg/L	9 mg/L	12 mg/L
00530	12/31/05	1/17/06	1,196 lb/d	2,570 lb/d	6 mg/L	8 mg/L	15 mg/L

Monitoring Location = G

BOD, 5-day, 20 deg. C

Limit Start Date = Nov 1, 1999

Season = 0

			Q1 Req. Mon. lb/d MO AVG	Q2 Req. Mon. lb/d DAILY MX	C1 Req. Mon. mg/L MO AVG	C2 Req. Mon. mg/L WKLY AVG	C3 Req. Mon. mg/L DAILY MX
00310	8/31/05	9/14/05	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F
00310	9/30/05	10/17/05	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F
00310	10/31/05	11/18/05	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F
00310	11/30/05	12/14/05	NODI Code = 9	NODI Code = 9	NODI Code = 9	NODI Code = 9	NODI Code = 9
00310	12/31/05	1/17/06	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F	NODI Code = F

BOD, carbonaceous, 05 day, 20 C

Limit Start Date = Nov 1, 1999

Season = 0

			Q1 Req. Mon. lb/d MO AVG	Q2 Req. Mon. lb/d DAILY MX	C1 Req. Mon. mg/L MO AVG	C2 Req. Mon. mg/L WKLY AVG	C3 Req. Mon. mg/L DAILY MX
80082	8/31/05	9/14/05	19,587 lb/d	39,482 lb/d	186 mg/L	203 mg/L	293 mg/L
80082	9/30/05	10/17/05	19,286 lb/d	37,308 lb/d	169 mg/L	179 mg/L	302 mg/L
80082	10/31/05	11/18/05	20,012 lb/d	29,982 lb/d	112 mg/L	174 mg/L	222 mg/L
80082	11/30/05	12/14/05	20,120 lb/d	32,871 lb/d	108 mg/L	122 mg/L	140 mg/L
80082	12/31/05	1/17/06	20,008 lb/d	27,932 lb/d	110 mg/L	121 mg/L	146 mg/L

Solids, total suspended

Limit Start Date = Nov 1, 1999

Season = 0

			Q1 Req. Mon. lb/d MO AVG	Q2 Req. Mon. lb/d DAILY MX	C1 Req. Mon. mg/L MO AVG	C2 Req. Mon. mg/L WKLY AVG	C3 Req. Mon. mg/L DAILY MX
00530	8/31/05	9/14/05	14,591 lb/d	38,868 lb/d	137 mg/L	142 mg/L	190 mg/L
00530	9/30/05	10/17/05	15,067 lb/d	26,684 lb/d	132 mg/L	143 mg/L	216 mg/L
00530	10/31/05	11/18/05	19,550 lb/d	33,551 lb/d	106 mg/L	146 mg/L	159 mg/L

Season = 1

			Q1 Req. Mon. lb/d MO AVG	Q2 Req. Mon. lb/d DAILY MX	C1 Req. Mon. mg/L MO AVG	C2 Req. Mon. mg/L WKLY AVG	C3 Req. Mon. mg/L DAILY MX
00530	11/30/05	12/14/05	19,719 lb/d	32,084 lb/d	46 mg/L	106 mg/L	172 mg/L
00530	12/31/05	1/17/06	22,258 lb/d	42,462 lb/d	123 mg/L	178 mg/L	235 mg/L

Monitoring Location = K

BOD, 5-day, percent removal

Limit Start Date = Nov 1, 1999

Season = 0

			C1 85 % MO AV MN
81010	8/31/05	9/14/05	NODI Code = F
81010	9/30/05	10/17/05	NODI Code = F
81010	10/31/05	11/18/05	NODI Code = F
81010	11/30/05	12/14/05	97 %
81010	12/31/05	1/17/06	97 %

Solids, suspended percent removal

Limit Start Date = Nov 1, 1999

Season = 0

			C1 85 % MO AV MN
81011	8/31/05	9/14/05	97 %
81011	9/30/05	10/17/05	98 %
81011	10/31/05	11/18/05	95 %
81011	11/30/05	12/14/05	94 %
81011	12/31/05	1/17/06	95 %

001B

Monitoring Location = 1

LC50 Static 48Hr Acute Ceriodaphnia

Limit Start Date = Nov 1, 1999

Season = 1

			C1 100 % DAILY MN
TAA3B	8/31/05		NODI Code =
TAA3B	9/30/05	10/15/05	100 %
TAA3B	10/31/05	11/15/05	100 %
TAA3B	11/30/05		NODI Code =
TAA3B	12/31/05		NODI Code =

Noel Statre 7Day Chronic Ceriodaphnia

Limit Start Date = Nov 1, 1999

Season = 1

			C1 100 % DAILY MN
TBP3B	8/31/05		NODI Code =
TBP3B	9/30/05	10/15/05	100 %
TBP3B	10/31/05	11/15/05	100 %
TBP3B	11/30/05		NODI Code =
TBP3B	12/31/05		NODI Code =

001T

Monitoring Location = 1

LC50 Static 48Hr Acute Ceriodaphnia

Limit Start Date = Nov 1, 1999

Season = 0

			C1 100 % DAILY MN
TAA3B	8/31/05	9/14/05	NODI Code = F
TAA3B	9/30/05	11/18/05	NODI Code = F
TAA3B	10/31/05	11/18/05	NODI Code = F
TAA3B	11/30/05	12/14/05	NODI Code = F
TAA3B	12/31/05	1/17/06	NODI Code = F

Noel Statre 7Day Chronic Ceriodaphnia

Limit Start Date = Nov 1, 1999

Season = 0

			C1 98 % DAILY MN
TBP3B	8/31/05	9/14/05	NODI Code = F
TBP3B	9/30/05	11/18/05	NODI Code = F
TBP3B	10/31/05	11/18/05	NODI Code = F
TBP3B	11/30/05	12/14/05	NODI Code = F
TBP3B	12/31/05	1/17/06	NODI Code = F

SL1A

Monitoring Location = SL

Arsenic, dry weight

Limit Start Date = Nov 1, 1999

Season = 0

			C3 489 mg/kg DAILY MX
01003	9/30/05	2/8/06	17 mg/kg
01003	11/30/05	2/8/06	17 mg/kg

Cadmium, dry weight

Limit Start Date = Nov 1, 1999

Season = 0

			C3 103 mg/kg DAILY MX
46395	9/30/05	2/8/06	2.2 mg/kg
46395	11/30/05	2/8/06	3 mg/kg

Chromium, dry weight

Limit Start Date = Nov 1, 1999

Season = 0

			C3 14397 mg/kg DAILY MX
78473	9/30/05	2/8/06	35 mg/kg
78473	11/30/05	2/8/06	51 mg/kg

Lead, dry weight

Limit Start Date = Nov 1, 1999

Season = 0

			C3 2751 mg/kg DAILY MX
78468	9/30/05	2/8/06	56 mg/kg
78468	11/30/05	2/8/06	67 mg/kg

Nickel, dry weight

Limit Start Date = Nov 1, 1999

Season = 0

			C3 686629 mg/kg DAILY MX
78469	**9/30/05**	**2/8/06**	15 mg/kg
78469	**11/30/05**	**2/8/06**	22 mg/kg

VEOLIA
WATER

November 15, 2005

NOV 18 2005

Ms. Marie J. McDonald
Water Technical Unit (SEW)
U.S. Environmental Protection Agency
P.O. Box 8127
Boston, MA 02114-8127

Subject: Brockton, MA - NPDES Permit No. MA0101010
Discharge Monitoring Reports – October 2005

Dear Ms. McDonald:

Enclosed herewith please find the completed DMR for the month of October 2005.

There were several Permit violations, mostly loadings, attributable to an extreme weather event on October 18th where we received over 7 inches of rain in a twenty-four (24) hour period. They are all listed further on in this report.

There were no effluent composite samples collected from October 18th through October 21st as the receiving waters were flowing into the chlorine contact tanks on October 18th and October 19th and we had to purge the tanks afterwards. Samples taken from the effluent of our secondary clarifiers during that period were within compliance levels.

Should you have any questions concerning this submittal, please contact the undersigned. My office phone number is 508-580-7885, extension 112.

Sincerely,

James Lauzon
Project Manager
Veolia Water North America, N.E. LLC

Enc. DMR Pre-prints, support documentation

cc: Michael L. Thoreson, DPW Commissioner, City of Brockton
David A. Norton, Water & Sewer Contract Admin., City of Brockton
Elaine Czaja, DPW Admin. Asst., City of Brockton
MA DEP (SERO), Lakeville, MA
MA DEP (DWM), Worcester, MA
Greg Roy, CDM

Veolia Water North America Northeast LLC
303 Oak Hill Way Brockton, MA 02301
Tel 508-580-7885 / 508-559-0760

Brockton, MA Advanced Water Reclamation Facility
NPDES Permit No. MA0101010

Brockton Wastewater Treatment Plant - Staffing

Project Manager/ Chief Operator	James Lauzon	Grade 7
Administrative Supervisor	Kathy Ferrara	
Asst. Project Mgr./ Maint. Mgr	Ernie Persechino	Grade 7
IPP/Safety Coordinator	Mike Zeoli	Grade 7
Head Operators	John Brady	Grade 7
	Dan Svirsky	Grade 7
	Francis Simison	Grade 7
	Kevin Hallisey	Grade 7
	Brian Vangel	Grade 7
	Charles Laren	Grade 7
Operators	Brian Moynihan	Grade 7
	Thomas Edwards	Grade 4
	Eileen McNeil	Grade 5
	Stephan Hooke	Grade 4
	Chris MacMillan	Grade 4
	Andrea Levesque	Grade 4
Head Mechanic	Tony Pagani	Grade 4
Mechanics	James Nunes	Grade 4
	Bernard Doucette	Grade 4
	David Sherburne	Grade 4
	Arthur Torres	Grade 4
	Timothy St. Jean	
	Rick Arguin	
	Warren Young	
Sr. Laboratory Technician	William Brodeur	Grade 4
Laboratory Technician	Meagan Faria	
Electricians	Francis DelPrete	
	Colman Lalli	
Utility Workers	Stephen Cunha	
	Jose Lopes	

Brockton, MA Wastewater Treatment Plant
NPDES Permit No. 0101010

Summary of Violations

October 2005

	Date	Parameter	Limit	Units	Reported Value	Units	Cause	Remedy
	31-Oct-05	Monthly Effluent Total Suspended Solids Loading	750	Lbs/Dy	1,133	Lbs/Dy	Rainfall-related washout of solids at high flow conditions	
	22-Oct-05	Weekly Effluent Total Suspended Solids Loading	1,200	Lbs/Dy	1,882	Lbs/Dy	Rainfall-related washout of solids at high flow conditions	
	29-Oct-05	Weekly Effluent Total Suspended Solids Loading	1,200	Lbs/Dy	1,786	Lbs/Dy	Rainfall-related washout of solids at high flow conditions	
	21-Oct-05	Daily Effluent Total Suspended Solids Loading	2,250	Lbs/Dy	2,467	Lbs/Dy	Rainfall-related washout of solids at high flow conditions	
	26-Oct-05	Daily Effluent Total Suspended Solids Loading	2,250	Lbs/Dy	2,498	Lbs/Dy	Rainfall-related washout of solids at high flow conditions	
	22-Oct-05	Weekly Effluent Total Ammonia Loading	150	Lbs/Dy	151	Lbs/Dy	Reduced nitrification rate resulting from displacement of mixed liquor solids from aeration basins to secondary clarifiers.	
	06-Oct-05	Monthly Effluent Total Copper Concentration	5.3	uG/L	6.8	uG/l	Facility not designed to reduce copper to the permitted level.	Investigate during facility upgrade.
	26-Oct-05	Daily Total Chlorine Residual	0.019	mG/L	0.13	mG/L	De-chlorination controls couldn't keep up with rate of plant flow changes.	
	27-Oct-05	Daily Total Chlorine Residual	0.019	mG/L	0.11	mG/L	De-chlorination controls couldn't keep up with rate of plant flow changes.	
	26-Oct-05	Daily Fecal Coliform	400	#/100	810	#/100	Chlorination controls couldn't keep up with rate of plant flow changes.	

Brockton, MA Advanced Water Reclamation Facility
NPDES Permit No. MA 0101010

Operational Summary
October 2005

Flow		
Total Month	856.4	million gallons
Average Daily Flow	27.6	million gallons per day
Biochemical Oxygen Demand (BOD)		
Influent, Average Daily		mg/l
Influent, Average Daily		pounds
Effluent, Average Daily		mg/l
Effluent, Average Daily		pounds
BOD, Carbonaceous (CBOD)		
Influent, Average Daily	112	mg/l
Influent, Average Daily	20,012	pounds
Effluent, Average Daily	2	mg/l
Effluent, Average Daily	473	pounds
Total Suspended Solids (TSS)		
Influent, Average Daily	106	mg/l
Influent, Average Daily	19,550	pounds
Effluent, Average Daily	5	mg/l
Effluent, Average Daily	1,133	pounds
Solids Processing		
Total Processed, wet	845	tons
Cake Solids	24.2	percent
Rainfall	14.82	inches
Septage Received Total Month	8,691	gallons

DMR FLOWS

BROCKTON, MASS AWRF

DATE	PLANT FLOW - without recycle			RECYCLE	PLANT FLOW - with recycle			RAINFALL	SECONDARY BYPASS
	RAW	MAX Hr	MIN Hr		RAW	MAX Hr	MIN Hr		
	mgd	mgd	mgd	mgd	mgd	mgd	mgd	inches	mgd
10/01/05	12.4	16.0	7.0	3.5	16.0	19.5	10.5	0.00	
10/02/05	12.6	16.0	7.5	3.5	16.1	19.5	11.0	0.00	
10/03/05	12.5	15.5	9.0	3.5	16.0	19.0	12.5	0.00	
10/04/05	12.6	15.4	7.4	3.4	16.0	18.8	10.8	0.01	
10/05/05	13.7	16.8	10.6	3.4	17.1	20.2	14.0	0.01	
10/06/05	12.5	16.1	7.0	3.5	16.0	19.6	10.5	0.01	
10/07/05	13.0	15.1	6.4	3.4	16.4	18.5	9.8	0.02	
10/08/05	14.2	19.2	9.3	3.5	17.7	22.7	12.8	1.17	
10/09/05	20.9	28.6	11.6	3.4	24.3	32.0	15.0	1.53	
10/10/05	19.2	25.4	10.4	3.6	22.8	29.0	14.0	0.30	
10/11/05	17.3	25.8	10.0	3.6	20.9	29.4	13.6	0.22	
10/12/05	17.2	24.5	11.5	3.5	20.7	28.0	15.0	0.12	
10/13/05	17.8	24.2	10.9	3.6	21.4	27.8	14.5	0.48	
10/14/05	21.3	26.5	12.5	3.5	24.8	30.0	16.0	2.00	
10/15/05	59.6	66.9	28.9	3.1	62.7	70.0	32.0	5.13	14.60
10/16/05	60.1	66.9	54.0	1.6	61.7	68.5	55.6	0.00	15.10
10/17/05	47.7	54.5	44.0	1.5	49.2	56.0	45.5	0.00	
10/18/05	39.0	42.2	35.5	1.5	40.5	43.7	37.0	0.03	
10/19/05	34.7	37.3	30.8	1.7	36.4	39.0	32.5	0.00	
10/20/05	31.3	33.6	25.6	3.4	34.7	37.0	29.0	0.00	
10/21/05	29.6	32.1	23.4	3.6	33.2	35.7	27.0	0.00	
10/22/05	30.1	33.9	24.4	3.6	33.7	37.5	28.0	0.84	
10/23/05	33.7	38.5	27.5	3.5	37.2	42.0	31.0	0.27	
10/24/05	28.8	30.8	24.8	3.7	32.5	34.5	28.5	0.25	
10/25/05	40.0	48.6	28.4	3.4	43.4	52.0	31.8	1.87	
10/26/05	42.8	45.1	36.6	3.4	46.2	48.5	40.0	0.02	
10/27/05	37.1	40.5	33.3	3.5	40.6	44.0	36.8	0.00	
10/28/05	32.7	35.6	28.6	3.4	36.1	39.0	32.0	0.00	
10/29/05	30.5	33.9	24.1	3.4	33.9	37.3	27.5	0.54	
10/30/05	31.2	37.5	25.0	3.5	34.7	41.0	28.5	0.00	
10/31/05	30.1	35.4	24.5	3.5	33.6	38.9	28.0	0.00	
Minimum	12.4	15.1	6.4	1.5	16.0	18.5	9.8	0.00	14.60
Average	27.6	32.2	21.0	3.2	30.9	35.4	24.2	0.48	14.85
Maximum	60.1	66.9	54.0	3.7	62.7	70.0	55.6	5.13	15.10
Total								14.82	

FEDERAL PERMIT DATA SHEET

BROCKTON, MASS AWRF

DATE	FINAL PLANT EFFLUENT			PHOSPHORUS			BOD				TSS				CBOD			
	D.O.	pH	CL Res.	Raw	Final	Final	RAW		FINAL		RAW		FINAL		RAW		FINAL	
	ppm	SU	mg/L	mg/L	mg/L	lbs	mg/L	lbs	mg/L	lbs	mg/L	lbs	mg/L	lbs	mg/L	lbs	mg/L	lbs
10/01/05	6.9	6.6	0.00								140	14,534	3	311	149	15,468	2	208
10/02/05	7.0	6.7	0.00								148	15,553	4	420	163	17,129	2	210
10/03/05	6.8	6.5	0.00								159	16,572	3	313	152	15,842	2	208
10/04/05	6.9	6.7	0.00		0.80	84					156	16,367	4	420	222	23,292	4	420
10/05/05	7.0	6.6	0.00	3.90	0.40	46					156	17,828	4	457	172	19,657	2	229
10/06/05	6.8	6.6	0.00								126	13,187	2	209	173	18,106	2	209
10/07/05	6.7	6.8	0.00								127	13,741	3	325	195	21,099	2	216
10/08/05	6.7	6.8	0.00								152	17,949	5	590	140	16,532	2	236
10/09/05	6.8	7.0	0.00								146	25,450	4	697	172	29,982	3	523
10/10/05	6.7	6.7	0.00								114	18,282	7	1,123	110	17,641	3	481
10/11/05	6.8	6.8	0.00		0.70	101					126	18,231	5	723	153	22,137	3	434
10/12/05	6.9	6.8	0.00		0.30	43					111	15,968	4	575	121	17,407	3	432
10/13/05	6.8	6.9	0.00								126	18,731	3	446	145	21,556	2	297
10/14/05	6.8	6.9	0.00								119	21,092	5	886	129	22,865	3	532
10/15/05																		
10/16/05																		
10/17/05											43	17,110			54	21,487		
10/18/05											40	13,017			64	20,827		
10/19/05	7.3	6.5	0.00		0.20	58					74	21,421	6	1,737	68	19,684	2	579
10/20/05	7.0	6.6	0.00								104	27,164	6	1,567	72	18,806	2	522
10/21/05	7.2	6.6	0.00								136	33,551	10	2,467	70	17,269	3	740
10/22/05	6.7	6.7	0.00								112	28,130	7	1,758	69	17,330	2	502
10/23/05	6.7	6.8	0.00								80	22,494	5	1,406	83	23,338	2	562
10/24/05	6.7	7.2	0.00								90	21,648	7	1,684	71	17,078	2	481
10/25/05	6.8	7.0	0.00		0.40	133					76	25,337	4	1,334	78	26,003	2	667
10/26/05	6.5	6.8	0.13		0.20	71					57	20,340	7	2,498	47	16,772	3	1,071
10/27/05	6.6	6.8	0.11								78	24,155	7	2,168	76	23,536	3	929
10/28/05	6.8	6.6	0.00								55	14,980	6	1,634	70	19,065	2	545
10/29/05	7.1	6.8	0.00								66	16,763	7	1,778	83	21,081	2	508
10/30/05	7.0	6.7	0.00								76	19,802	7	1,824	75	19,542	2	521
10/31/05	8.3	6.7	0.00								70	17,553	5	1,254	79	19,810	2	502
Minimum	6.5	6.5	0.00	3.9	0.20	43					40	13,017	2	209	47	15,468	2	208
Average	6.9	6.7	0.01	3.9	0.43	77					106	19,550	5	1,133	112	20,012	2	473
Maximum	8.3	7.2	0.13	3.9	0.80	133					159	33,551	10	2,498	222	29,982	4	1,071
Total																		

FEDERAL PERMIT DATA SHEET

BROCKTON, MASS AWRF

DATE	AMMONIA			PLANT FLOW-mgd			PERCENT REMOVAL			FINAL PLANT EFFLUENT							
	Raw mg/L	Final mg/L	Final lbs	RAW wo Recycle	MAX HR	MIN HR	TSS %	BOD %	CBOD %	Fecal Col. #/100 ml	Copper ug/L	TKN mg/L	NO3 mg/L	NO2 mg/L	NO2+NO3 mg/L	NO2+NO3 lbs	TKN lbs
10/01/05				12.4	19.5	10.5											
10/02/05		0.53	56	12.6	19.5	11.0											
10/03/05				12.5	19.0	12.5				14							
10/04/05	21.7	0.83	87	12.6	18.8	10.8				21							
10/05/05				13.7	20.2	14.0				11							
10/06/05				12.5	19.6	10.5				13	6.8	1.6	8.3	0.0	8.30	869	167
10/07/05				13.0	18.5	9.8				12							
10/08/05				14.2	22.7	12.8											
10/09/05		0.33	58	20.9	32.0	15.0											
10/10/05		0.24	38	19.2	29.0	14.0				236							
10/11/05				17.3	29.4	13.6				54							
10/12/05				17.2	28.0	15.0				29							
10/13/05				17.8	27.8	14.5				32		1.8	7.1	0.0	7.10	1,055	268
10/14/05				21.3	30.0	16.0				51							
10/15/05				59.6	70.0	32.0											
10/16/05				60.1	68.5	55.6											
10/17/05				47.7	56.0	45.5				320							
10/18/05				39.0	43.7	37.0				810							
10/19/05		0.70	203	34.7	39.0	32.5				30							
10/20/05		0.38	99	31.3	37.0	29.0				36							
10/21/05				29.6	35.7	27.0				91							
10/22/05				30.1	37.5	28.0											
10/23/05		0.39	110	33.7	42.0	31.0											
10/24/05		0.20	48	28.8	34.5	28.5				72							
10/25/05				40.0	52.0	31.8				38							
10/26/05				42.8	48.5	40.0				18							
10/27/05				37.1	44.0	36.8				18							
10/28/05				32.7	39.0	32.0				98							
10/29/05				30.5	37.3	27.5											
10/30/05				31.2	41.0	28.5											
10/31/05				30.1	38.9	28.0	95		98	62							
Minimum	21.7	0.20	38	12.4	18.5	9.8	95		98	11	6.8	1.6	7.1	0.0	7.10	869	167
Average	21.7	0.45	87	27.6	35.4	24.2	95		98	45	6.8	1.7	7.7	0.0	7.70	962	218
Maximum	21.7	0.83	203	60.1	70.0	55.6	95		98	810	6.8	1.8	8.3	0.0	8.30	1,055	268
Total				856.4													

CITY OF BROCKTON AWRF STATE DMR

VEOLIA WATER - BROCKTON, MASSACHUSETTS

DATE	RAIN-FALL inches	AIR TEMP Max deg F	AIR TEMP Min deg F	PLANT FLOW - mgd Total Day (wo recycle)	PLANT FLOW - mgd Hourly Max	PLANT FLOW - mgd Hourly Min	PLANT FLOW - mgd Sec. Bypass	SCREENINGS REMOVED cu.ft.	GRIT REMOVED cu:ft.	FERRIC CHLORIDE gpd	HYPOCHLORITE DISINFECT gpd	HYPOCHLORITE OTHER gpd	Cl Res. mg/L	FECAL COLIFORM - #/100 ml EFF.	FECAL COLIFORM - #/100 ml UP RIVER	FECAL COLIFORM - #/100 ml DOWN RIVER
10/01/05	0.00	70	38	12.4	19.5	10.5		0	0		112		0.00			
10/02/05	0.00	77	43	12.6	19.5	11.0		0	0		118		0.00			
10/03/05	0.00	73	47	12.5	19.0	12.5		0	0		108		0.00	14		
10/04/05	0.01	74	47	12.6	18.8	10.8		90	27		124		0.00	21	5,300	1,875
10/05/05	0.01	77	56	13.7	20.2	14.0		0	27		160		0.00	11		
10/06/05	0.01	78	64	12.5	19.6	10.5		0	0		155		0.00	13		
10/07/05	0.02	79	66	13.0	18.5	9.8		90	27		144		0.00	12		
10/08/05	1.17	74	54	14.2	22.7	12.8		0	0		166		0.00			
10/09/05	1.53	55	50	20.9	32.0	15.0		0	0		229		0.00			
10/10/05	0.30	55	52	19.2	29.0	14.0		0	27		151		0.00	236		
10/11/05	0.22	57	52	17.3	29.4	13.6		90	0		185		0.00	54	2,933	1,650
10/12/05	0.12	56	51	17.2	28.0	15.0		0	0		160		0.00	29		
10/13/05	0.48	58	55	17.8	27.8	14.5		0	27		140		0.00	32		
10/14/05	2.00	60	57	21.3	30.0	16.0		90	27		149		0.00	51		
10/15/05	5.13	60	51	59.6	70.0	32.0	14.6	0	27		550					
10/16/05	0.00	60	50	60.1	68.5	55.6	15.1	0	27		550					
10/17/05	0.00	62	41	47.7	56.0	45.5		90	0		390			320	1,733	3,325
10/18/05	0.03	66	43	39.0	43.7	37.0		0	27		307			810		
10/19/05	0.00	67	45	34.7	39.0	32.5		90	0		265		0.00	30		
10/20/05	0.00	54	38	31.3	37.0	29.0		0	0		520		0.00	36		
10/21/05	0.00	66	38	29.6	35.7	27.0		0	27		359		0.00	91		
10/22/05	0.84	66	34	30.1	37.5	28.0		90	0		400		0.00			
10/23/05	0.27	49	43	33.7	42.0	31.0		0	0		367		0.00			
10/24/05	0.25	49	38	28.8	34.5	28.5		0	0		346		0.00	72		
10/25/05	1.87	50	40	40.0	52.0	31.8		0	0		354		0.00	38	3,533	1,800
10/26/05	0.02	49	37	42.8	48.5	40.0		90	54		316		0.13	18		
10/27/05	0.00	51	36	37.1	44.0	36.8		0	27		454		0.11	18		
10/28/05	0.00	45	39	32.7	39.0	32.0		0	27		381		0.00	98		
10/29/05	0.54	40	32	30.5	37.3	27.5		0	27		409		0.00			
10/30/05	0.00	67	32	31.2	41.0	28.5		90	0		360		0.00			
10/31/05	0.00	71	39	30.1	38.9	28.0		0	0		134		0.00	62		
Minimum	0.00	40	32	12.4	18.5	9.8	14.6	0	0		108		0.00	11	1,733	1,650
Average	0.48	62	45	27.6	35.4	24.2	14.9	26	13		276		0.01	45	3,123	2,074
Maximum	5.13	79	66	60.1	70.0	55.6	15.1	90	54		550		0.13	810	5,300	3,325
Total	14.82			856.4			29.7	810	405		8,563			Geo Mean	Geo Mean	Geo Mean

CITY OF BROCKTON AWRF STATE DMR

US FILTER BROCKTON, MASSACHUSETTS

DATE	SULFUR DIOXIDE	pH			WATER TEMP.		CBOD		BOD		TSS		D.O.		AMMONIA	
		RAW	FINAL	FINAL	RAW	FINAL	RAW	FINAL	RAW	FINAL	RAW	FINAL	RAW	FINAL	RAW	FINAL
	lbs		1	2	Deg. F	Deg.C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
10/01/05	48	6.9	6.6	6.7	70	23	149	2			140	3	1.4	6.9		
10/02/05	54	6.8	6.7	6.7	70	22	163	2			148	4	1.5	7.0		0.5
10/03/05	60	7.0	6.5	6.6	70	22	152	2			159	3	1.6	6.8		
10/04/05	68	6.7	6.7	6.7	70	22	222	4			156	4	1.4	6.9	21.7	0.8
10/05/05	60	6.8	6.6	6.7	70	23	172	2			156	4	1.6	7.0		
10/06/05	66	6.9	6.6	6.6	70	23	173	2			126	2	1.6	6.8		
10/07/05	48	6.8	6.8	6.8	70	23	195	2			127	3	1.6	6.7		
10/08/05	60	6.7	6.8	6.8	70	23	140	2			152	5	1.6	6.7		
10/09/05	90	6.9	7.0	7.1	70	22	172	3			146	4	1.6	6.8		0.3
10/10/05	66	6.8	6.7	6.7	69	23	110	3			114	7	1.4	6.7		0.2
10/11/05	72	6.8	6.8	6.8	69	23	153	3			126	5	1.4	6.8		
10/12/05	88	6.8	6.8	6.8	69	22	121	3			111	4	1.6	6.9		
10/13/05	72	6.9	6.9	7.0	69	22	145	2			126	3	1.6	6.8		
10/14/05	60	6.9	6.9	6.9	69	22	129	3			119	5	1.6	6.8		
10/15/05	140				69								1.6			
10/16/05	140				69								1.3			
10/17/05	150	6.2			69		54				43		1.3			
10/18/05	150	6.3			68		64				40		1.3			
10/19/05	173	6.4	6.5	6.6	68	18	68	2			74	6	1.5	7.3		0.7
10/20/05	175	6.5	6.6	6.6	66	18	72	2			104	6	1.6	7.0		0.4
10/21/05	105	6.5	6.6	6.7	66	18	70	3			136	10	1.7	7.2		
10/22/05	150	6.5	6.7	6.8	65	18	69	2			112	7	1.8	6.7		
10/23/05	135	6.7	6.8	6.8	65	18	83	2			80	5	1.3	6.7		0.4
10/24/05	120	6.9	7.2	7.1	65	18	71	2			90	7	1.3	6.7		0.2
10/25/05	144	6.8	7.0	7.0	65	18	78	2			76	4	1.3	6.8		
10/26/05	150	6.6	6.8	6.8	65	17	47	3			57	7	1.5	6.5		
10/27/05	141	6.6	6.8	6.8	63	17	76	3			78	7	1.4	6.6		
10/28/05	150	6.8	6.6	6.6	63	17	70	2			55	6	1.4	6.8		
10/29/05	120	6.8	6.8	6.9	63	17	83	2			66	7	1.4	7.1		
10/30/05	90	6.6	6.7	6.7	63	17	75	2			76	7	1.4	7.0		
10/31/05	0	6.7	6.7	6.7	63	17	79	2			70	5	1.4	8.3		
Minimum	0	6.2	6.5	6.6	63	17	47	2			40	2	1.3	6.5	21.7	0.2
Average	101	6.7	6.7	6.8	67	20	112	2			106	5	1.5	6.9	21.7	0.5
Maximum	175	7.0	7.2	7.1	70	23	222	4			159	10	1.8	8.3	21.7	0.8
Total	3,145															
% Removal								98				95				

CITY OF BROCKTON AWRF STATE DMR

US FILTER BROCKTON, MASSACHUSETTS

NORTH ACTIVATED SLUDGE

DATE	FLOW - mgd		MIXED LIQUOR TSS - mg/L				RAS TSS - mg/L			SVI				RAS FLOW - mgd			WAS FLOW - mgd		
	BASINS 1 & 2	BASINS 3 & 4	BASIN 1	BASIN 2	BASIN 3	BASIN 4	CLAR. 1	CLAR. 2	CLAR. 3	BASIN 1	BASIN 2	BASIN 3	BASIN 4	BASIN 1	BASIN 2	BASIN 3 & 4	BASIN 1	BASIN 2	BASIN 3 & 4
10/01/05	6.2	4.3	2,985	3,400	3,230	2,925	4,590	4,770	4,150	70	68	108	120	2.5	2.4	6.2	0.05	0.05	0.10
10/02/05	6.5	4.5												2.5	2.4	6.2	0.06	0.06	0.10
10/03/05	5.2	3.2	2,985	3,210	3,140	3,195	4,810	5,275	4,415	70	69	111	100	2.5	2.4	6.2	0.06	0.06	0.08
10/04/05	6.3	3.8	3,210	3,705	3,355	3,195	5,115	4,905	4,295	62	59	98	97	2.5	2.4	6.2	0.06	0.07	0.10
10/05/05	6.1	4.3	3,225	3,315	3,095	3,210	4,220	4,485	4,080	62	63	103	100	2.5	2.4	6.2	0.06	0.06	0.09
10/06/05	5.5	4.2	2,980	3,435	3,300	3,185	5,260	5,445	4,740	70	58	94	97	2.5	2.4	6.2	0.06	0.06	0.11
10/07/05	6.3	4.3	3,140	3,300	3,395	3,500	6,075	6,505	5,350	57	68	94	94	2.5	2.4	6.2	0.05	0.05	0.08
10/08/05	7.5	5.0	3,470	3,685	3,495	3,390	6,090	7,005	5,190	55	57	97	94	2.5	2.4	6.2	0.06	0.07	0.10
10/09/05	9.7	6.9												2.5	2.3	6.1	0.06	0.07	0.01
10/10/05	9.3	6.2	3,350	3,395	3,585	3,490	6,045	6,915	5,540	60	65	89	97	2.5	2.3	6.1	0.06	0.07	0.11
10/11/05	8.2	5.3	3,425	3,270	3,315	3,295	6,545	6,785	5,245	58	67	98	99	2.5	2.3	6.1	0.07	0.07	0.13
10/12/05	8.2	5.3	3,415	3,440	3,450	3,585	6,070	6,450	5,235	59	61	96	89	2.5	2.3	6.0	0.07	0.07	0.10
10/13/05	6.8	5.1	3,150	3,210	3,380	3,425	6,100	6,135	4,780	63	72	71	93	2.5	2.3	6.2	0.08	0.08	0.11
10/14/05	8.0	5.9	3,115	3,395	3,290	3,470	7,070	7,480	5,775	64	62	97	95	2.3	2.4	6.1	0.07	0.08	0.09
10/15/05	14.8	14.5												2.4	2.4	6.1	0.00	0.00	0.00
10/16/05	13.0	13.1												2.4	2.4	6.0	0.00	0.00	0.00
10/17/05	11.8	12.2	3,120	3,350	2,670	3,265	8,500	9,540	8,675	61	78	116	77	2.5	2.4	6.0	0.00	0.00	0.00
10/18/05	12.4	11.8	2,975	3,555	2,900	3,430	8,110	9,085	8,815	67	73	93	108	2.5	2.3	5.9	0.00	0.00	0.00
10/19/05	13.3	11.5	3,190	3,745	3,845	2,780	10,505	11,660	9,020	72	72	112	97	2.4	2.3	5.9	0.03	0.04	0.03
10/20/05	13.0	11.1	3,060	3,510	3,295	3,380	8,770	10,935	8,855	69	71	106	101	2.4	2.0	6.0	0.07	0.06	0.07
10/21/05	12.4	12.1	3,175	2,455	3,400	3,525	8,695	12,295	8,940	69	73	106	108	2.4	1.9	6.0	0.07	0.08	0.10
10/22/05	12.1	13.2	2,800	3,035	3,515	3,740	7,430	8,595	9,005	79	66	114	61	2.5	2.5	6.0	0.09	0.09	0.09
10/23/05	13.2	11.1												2.4	2.5	6.0	0.07	0.08	0.11
10/24/05	12.5	10.6	2,560	3,000	3,430	3,580	8,195	8,375	8,980	74	67	96	56	2.5	2.5	6.0	0.08	0.08	0.12
10/25/05	14.3	12.1	2,375	2,705	3,315	3,455	7,975	8,380	8,705	80	74	97	46	2.4	2.5	5.9	0.05	0.06	0.08
10/26/05	15.3	12.6	2,270	2,680	2,665	3,090	7,750	8,765	8,520	84	75	105	107	2.4	2.5	5.9	0.06	0.05	0.12
10/27/05	14.2	11.7	2,465	2,530	2,755	3,305	8,105	8,210	8,460	85	79	102	109	2.4	2.5	5.1	0.08	0.08	0.10
10/28/05	13.4	11.3	2,450	2,385	2,690	3,335	6,845	7,475	8,220	82	84	104	120	2.4	2.5	5.9	0.08	0.08	0.10
10/29/05	12.8	10.9	2,195	2,420	2,790	3,580	6,715	7,085	8,295	87	83	104	117	2.5	2.5	5.9	0.07	0.07	0.12
10/30/05	12.9	10.9												2.5	2.5	6.0	0.07	0.08	0.11
10/31/05	12.6	10.5	1,920	2,330	2,780	3,645	5,615	6,515	8,510	94	77	104	102	2.5	2.5	6.0	0.06	0.07	0.10
Minimum	5.2	3.2	1,920	2,330	2,665	2,780	4,220	4,485	4,080	55	57	71	46	2.5	1.9	5.1	0.00	0.00	0.00
Average	10.4	8.7	2,920	3,138	3,203	3,359	6,848	7,563	6,872	70	70	101	95	2.5	2.4	6.0	0.06	0.06	0.08
Maximum	15.3	14.5	3,470	3,745	3,845	3,740	10,505	12,295	9,020	94	84	116	120	2.5	2.5	6.2	0.09	0.09	0.13
Total	323.8	269.5												76.1	73.3	186.8	1.76	1.82	2.54

CITY OF BROCKTON AWRF STATE DMR

US FILTER BROCKTON, MASSACHUSETTS

SOUTH ACTIVATED SLUDGE

DATE	FLOW	MIXED LIQUOR TSS - mg/L			RAS TSS - mg/L			SVI			RAS FLOW - mgd			WASTE
	mgd	BASIN 1	BASIN 2	BASIN 3	CLAR. 1	CLAR. 2	CLAR. 3	BASIN 1	BASIN 2	BASIN 3	BASIN 1	BASIN 2	BASIN 3	FLOW mgd
10/01/05	5.5	2,335			4,920	4,920	4,920	103			4.69			0.06
10/02/05	5.1										4.65			0.06
10/03/05	7.6	2,160			5,815	5,815	5,815	83			4.57			0.07
10/04/05	5.9	2,895			6,610	6,610	6,610	73			4.75			0.00
10/05/05	6.7	2,590			7,875	7,875	7,875	97			4.52			0.00
10/06/05	6.3	3,155			7,655	7,655	7,655	79			4.70			0.00
10/07/05	5.8	3,735			7,055	7,055	7,055	88			4.91			0.05
10/08/05	5.2	3,365			5,200	5,200	5,200	86			4.95			0.07
10/09/05	7.6										4.90			0.06
10/10/05	7.3	2,880			5,665	5,665	5,665	73			4.77			0.07
10/11/05	7.4	2,170			5,550	5,550	5,550	88			4.70			0.04
10/12/05	7.2	2,455			6,625	6,625	6,625	81			4.80			0.01
10/13/05	9.5	2,530			6,475	6,475	6,475	83			4.57			0.05
10/14/05	10.9	2,515			6,600	6,600	6,600	80			4.61			0.05
10/15/05	33.4										4.53			0.04
10/16/05	35.6										0.00			0.00
10/17/05	25.3										0.00			0.00
10/18/05	16.3										2.77			0.00
10/19/05	11.6	2,590						81			5.42			0.00
10/20/05	10.6	2,785			8,600	8,600	8,600	86			5.61			0.03
10/21/05	8.7	2,920			7,175	7,175	7,175	86			5.04			0.10
10/22/05	8.4	2,505			5,725	5,725	5,725	92			4.77			0.07
10/23/05	12.9										4.61			0.05
10/24/05	9.4	2,625			6,395	6,395	6,395	76			4.45			0.11
10/25/05	17.0	1,700			6,550	6,550	6,550	94			4.32			0.07
10/26/05	18.3	1,550			7,560	7,560	7,560	90			4.62			0.02
10/27/05	14.7	1,975			7,380	7,380	7,380	91			4.69			0.03
10/28/05	11.4	2,135			7,395	7,395	7,395	94			5.08			0.02
10/29/05	10.2	2,730			6,895	6,895	6,895	92			4.83			0.00
10/30/05	10.9										4.80			0.01
10/31/05	10.5	2,650			7,275	7,275	7,275	87			4.71			0.08
Minimum	5.1	1,550			4,920	4,920	4,920	73			0.00			0.00
Average	11.7	2,563			6,682	6,682	6,682	86			4.40			0.04
Maximum	35.6	3,735			8,600	8,600	8,600	103			5.61			0.11
Total	363.2													1.23

CITY OF BROCKTON AWRF STATE DMR

US FILTER BROCKTON, MASSACHUSETTS

DATE	INCINERATOR				PHOSPHORUS	COPPER							
	CAKE wet tons	CAKE % TS	RUNTIME hours		FINAL mg/L	FINAL ug/L							
10/01/05	30.69	24.62	24										
10/02/05	31.68	23.90	24										
10/03/05	31.29	23.37	24										
10/04/05	30.65	23.80	24		0.80								
10/05/05	30.64	23.00	24		0.40								
10/06/05	30.27	22.77	24			6.8							
10/07/05	29.68	23.03	24										
10/08/05	28.15	20.52	23										
10/09/05	30.96	24.13	24										
10/10/05	31.06	23.72	23										
10/11/05	31.68	23.65	24		0.70								
10/12/05	24.52	23.33	20		0.30								
10/13/05	17.75	23.10	16										
10/14/05	30.90	22.37	24										
10/15/05	10.61	23.60	10										
10/16/05	7.91	24.52	8										
10/17/05	33.62	23.74	24										
10/18/05	30.36	24.62	24										
10/19/05	30.73	25.26	24		0.20								
10/20/05	31.27	25.46	24										
10/21/05	32.75	26.29	24										
10/22/05	32.45	25.42	24										
10/23/05	31.08	24.95	24										
10/24/05	22.97	24.92	19										
10/25/05	29.45	25.79	24		0.40								
10/26/05	25.62	26.22	24		0.20								
10/27/05	23.66	25.98	24										
10/28/05	24.81	24.01	24										
10/29/05	28.32	24.53	24										
10/30/05	16.05	24.34	16										
10/31/05	23.79	24.58	23										
Minimum	7.91	20.5	8		0.20	6.8							
Average	27.27	24.2	22		0.43	6.8							
Maximum	33.62	26.3	24		0.80	6.8							
Total	845.33		686										

Brockton Advanced Water Reclamation Facility
Septage Report

Month: October **Year:** 2005

Date	Name of Firm	Time	Slip #	Gallons	Origin of Load	pH	ACC	REJ	Payment	
									Cash	Check
10/3/05	Camper	11:15am	20099	20	Marion Ducette 62 Cumberland Dr Brockton		yes		$1.60	
10/4/05	Camper	8:15am	20100	30	Paul Rando 503 Bridge St E. Bridgewater MA		yes		$2.40	
10/4/05	Camper	1:40am	20101	30	Stan Warkel 58 Elm St E.Bridgewater		yes		$2.40	
10/5/05	Rosano Davis	12:25pm	20102	4238	Cohasset WWTP Cohasset, MA	6.34	yes			
10/5/05	Camper	1:10pm	20103	30	Stan Warkel 58 Elm St E.Bridgewater		yes		$2.40	
10/7/05	Rosano Davis	12:30pm	20104	4238	Cohasset WWTP Cohasset, MA	7.06	yes			
10/21/05	Camper	2:15pm	20105	20	Robert Nathan 8 Alden St Randolph		yes		$1.60	
10/24/05	Camper	12 noon	20106	15	William Murphy Glover Ave Quincy		yes		$1.20	
10/26/05	Camper	1:45 PM	20107	40	Lenoci 21 Rochelle St. Brockton, MA		yes		$3.20	
10/28/05	Camper	10:52 AM	20108	30	Mary Pottle 15 Lochmare Ave. N. Weymouth, MA		yes		$2.40	
	Total			8691					$17.20	$0.00

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME BROCKTON A W R F
ADDRESS 303 OAK HILL WAY
BROCKTON MA 02301

FACILITY BROCKTON A W R F
LOCATION BROCKTON MA 02301
ATTN: ERNEST PERSECHINO, PROJ. MANG.

NOV 18 2005

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

Form Approved.
OMB No. 2040-0004

MA0101010	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR
F - FINAL
TREATED SANI/IND DISCHARGE
EFFLUENT
*** NO DISCHARGE |___| ***

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	10	31

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.5	******	******	(19) MG/L	0	01/01	GR
	PERMIT REQUIREMENT	******	******	*** ****	6.0 MINIMUM	******	******	MG/L		DAILY	GRAB
BOD, 5-DAY (20 DEG. C) 00310 0 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	F	F	(26)	F	F	F	(19) MG/L	0	01/01	24
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	LBS/DY	REPORT MO AVG	REPORT WKLY AVG	REPORT DAILY MX	MG/L		DAILY	COMP24
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	F	F	(26)	F	F	F	(19) MG/L	0	01/01	24
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	LBS/DY	REPORT MO AVG	REPORT WKLY AVG	REPORT DAILY MX	MG/L		DAILY	COMP24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.5	******	7.2	(12) SU	0	01/01	GR
	PERMIT REQUIREMENT	******	******	*** ****	6.5 MINIMUM	******	9.3 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 0 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	19,550	33,551	(26) LBS/DY	106	146	159	(19) MG/L	0	01/01	24
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	LBS/DY	REPORT MO AVG	REPORT WKLY AVG	REPORT DAILY MX	MG/L		DAILY	COMP24
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1,133	2,498	(26) LBS/DY	5	7	10	(19) MG/L	5	01/01	24
	PERMIT REQUIREMENT	750 MO AVG	2250 DAILY MX	LBS/DY	5 MO AVG	8 WKLY AVG	15 DAILY MX	MG/L		DAILY	COMP24
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	87	203	(26) LBS/DY	0.45	0.68	0.83	(19) MG/L	1	03/07	24
	PERMIT REQUIREMENT	150 MO AVG	225 DAILY MX	LBS/DY	1.0 MO AVG	1.0 WKLY AVG	1.5 DAILY MX	MG/L		TWICE/WEEK	COMP24

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
JAMES LAUZON PROJECT MANAGER	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.	508	5807885	05	11	15
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

SUBMIT REPORT FOR FLOW - REPORT MAXIMUM AND MINIMUM DAILY RATES AND TOTAL FLOW FOR EACH OPERATING DATE.
TRC: ANY VALUE BELOW THE MLD OF 50UG/L SHALL BE REPORTED AS 0. SEE FOOTNOTES 4 & 5.
SEE DMR 9015 AND 9017 FOR REPORTING TOXICITY. SEE DMR 5L1A FOR SLUDGE.

01311/050112-1359

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME BROCKTON A W R F
ADDRESS 303 OAK HILL WAY
BROCKTON MA 02301

FACILITY BROCKTON A W R F
LOCATION BROCKTON MA 02301
ATTN: ERNEST PERSECHINO, PROJ. MANG.

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0101010	001 A

MAJOR
(SUBR S)
F - FINAL
TREATED SANI/IND DISCHARGE
EFFLUENT
*** NO DISCHARGE | | ***

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	10	31

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
NITROGEN, KJELDAHL TOTAL (AS N) 00625 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	218	268	(26) LBS/DY	1.7	******	1.8	(19) MG/L	0	02/30	24
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	LBS/DY	REPORT MO AVG	******	REPORT DAILY MX	MG/L		ONCE/ MONTH	COMPOS
NITRITE PLUS NITRATE TOTAL 1 DET. (AS N) 00630 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	962	1,055	(26) LBS/DY	7.7	******	8.3	(19) MG/L	0	02/30	24
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	LBS/DY	REPORT MO AVG	******	REPORT DAILY MX	MG/L		ONCE/ MONTH	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	77	133	(26) LBS/DY	0.43	0.65	0.80	(19) MG/L	0	02/07	24
	PERMIT REQUIREMENT	150 MO AVG	225 DAILY MX	LBS/DY	1.0 MO AVG	1.0 WKLY AVG	1.5 DAILY MX	MG/L		TWICE/ WEEK	COMPOS
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		6.8	******	6.8	(28) UG/L	1	01/30	24
	PERMIT REQUIREMENT	******	******	*** ****	5.3 MO AVG	******	7.4 DAILY MX	UG/L		ONCE/ MONTH	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	27.6	60.1	(03) MGD	******	******	******		0	99/99	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	*** ****		CONTIN UOUS	RCORDR
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		0.01	******	0.13	(19) MG/L	2	03/01	GR
	PERMIT REQUIREMENT	******	******	*** ****	0.011 MO AVG	******	0.019 DAILY MX	MG/L		THREE/ DAY	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		45	******	810	(13) #/100	1	05/07	GR
	PERMIT REQUIREMENT	******	******	*** ****	200 MO GEO	******	400 DAILY MX	#/ 100ML		ONCE/ WEEK	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
JAMES LAUZON PROJECT MANAGER	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.	508	5807885	05	11	15
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

SUBMIT REPORT FOR FLOW - REPORT MAXIMUM AND MINIMUM DAILY RATES AND TOTAL FLOW FOR EACH OPERATING DATE.
TRC: ANY VALUE BELOW THE MLD OF 50UG/L SHALL BE REPORTED AS 0. SEE FOOTNOTES 4 & 5.
SEE DMR 001B AND 001T FOR REPORTING TOXICITY. SEE DMR 8L1A FOR SLUDGE.

01312/050112-1359

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME BROCKTON A W R F
ADDRESS 303 OAK HILL WAY
BROCKTON MA 02301

FACILITY LOCATION BROCKTON A W R F-
BROCKTON MA 02301
ATTN: ERNEST PERSECHINO, PROJ. MANG.

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

Form Approved.
OMB No. 2040-0004

MA0101010 — PERMIT NUMBER
001 A — DISCHARGE NUMBER

MAJOR
(SUBR S)
F - FINAL
TREATED SANI/IND DISCHARGE
EFFLUENT
*** NO DISCHARGE [ ] ***

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	10	31

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	20,012	29,982	(26) LBS/DY	112	174	222	(19) MG/L	0	01/01	24
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	LBS/DY	REPORT MO AVG	REPORT WKLY AVG	REPORT DAILY MX	MG/L		DAILY	COMP24
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	473	1071	(26) LBS/DY	2	3	4	(19) MG/L	0	01/01	24
	PERMIT REQUIREMENT	750 MO AVG	2250 DAILY MX	LBS/DY	5 MO AVG	8 WKLY AVG	15 DAILY MX	MG/L		DAILY	COMP24
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	******	******		F	******	******	(23) % PER-CENT	0	01/30	CA
	PERMIT REQUIREMENT	******	******	*****	85 MO AVG	******	******			ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	******	******		95	******	******	(23) % PER-CENT	0	01/30	CA
	PERMIT REQUIREMENT	******	******	*****	85 MO AVG	******	******			ONCE/MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
JAMES LAUZON
PROJECT MANAGER
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 AREA CODE	NUMBER	DATE YEAR	MO	DAY
508	580 1885	05	11	15

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SUBMIT REPORT FOR FLOW - REPORT MAXIMUM AND MINIMUM DAILY RATES AND TOTAL FLOW FOR EACH OPERATING DATE.
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PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME BROCKTON A W R F
ADDRESS 303 OAK HILL WAY
BROCKTON MA 02301

FACILITY BROCKTON A W R F
LOCATION BROCKTON MA 02301
ATTN: ERNEST PERSECHINO, PROJ. MANG.

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

Form Approved.
OMB No. 2040-0004

MA0101010	001 T
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR S)
F - FINAL
TOXICITY >30MGD FLOW
EFFLUENT
*** NO DISCHARGE [ ] ***

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	09	01	TO	05	09	30

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
LC50 STAT 48HR ACU C ERIODAPHNIA TAA3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		F	******	******	(23) %	0	01/30	24
	PERMIT REQUIREMENT	******	******	**** ****	100 DAILY MN	******	******	PER-CENT		ONCE/ MONTH	COMP-24
NOEL STATRE 7DAY CHR CERIODAPHNIA TBP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		F	******	******	(23) %	0	01/30	24
	PERMIT REQUIREMENT	******	******	**** ****	78 DAILY MN	******	******	PER-CENT		ONCE/ MONTH	COMP-24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
JAMES LAUZON PROJECT MANAGER 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.	508	5807885	05	11	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)*
TOXICITY: TAKE 2 ADDITIONAL TESTS DURING THE YEAR WHEN FLOW EXCEEDS 30 MGD. SUBMIT REPORT WITH DMR. SUBMIT DMR WITH NODI OF 'F' WHEN THERE IS INSUFFICIENT FLOW FOR TESTING.

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

NAME BROCKTON A W R F

ADDRESS 303 OAK HILL WAY
BROCKTON MA 02301

FACILITY BROCKTON A W R F

LOCATION BROCKTON MA 02301

ATTN: ERNEST PERSECHINO, PROJ. MANG.

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0101010	001 T

MAJOR
(SUBR S)
F - FINAL
TOXICITY >30MGD FLOW
EFFLUENT
*** NO DISCHARGE | | ***

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	10	31

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
LC50 STAT 48HR ACU C ERIODAPHNIA TAA3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		F	******	******	(23) %	0	01/30	24
	PERMIT REQUIREMENT	******	******	**** ****	100 DAILY MN	******	******	PER-CENT		ONCE/MONTH	COMP24
NOEL STATRE 7DAY CHR CERIODAPHNIA TBP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		F	******	******	(23) %	0	01/30	
	PERMIT REQUIREMENT	******	******	**** ****	90 DAILY MN	******	******	PER-CENT		ONCE/MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
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TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

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SUBMIT DMR WITH NODI OF 'F' WHEN THERE IS INSUFFICIENT FLOW FOR TESTING.

Oct 05 Salsbury Plant Sewer C

06 of 05 Salisbury Planned River