DEER ISLAND TREATMENT PLANT

LAST UPDATED: MAY 18, 2001

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

| APRIL 2001 - DISCHARGE MONITORING REPORT (DMR) | | | | | | | | | | |
|--|--|------------------|--|--|--|--|--|--|--|--|
| MA0103284 | | T01 A | | | | | | | | |
| PERMIT NUMBER | | DISCHARGE NUMBER | | | | | | | | |

| MONITORING PERIOD | | | | | | | | | | | | |
|-------------------|------|-----|------|----|-----|--|--|--|--|--|--|--|
| | FROM | | ТО | | | | | | | | | |
| YEAR | MO | DAY | YEAR | MO | DAY | | | | | | | |
| 01 | 04 | 1 | 01 | 04 | 30 | | | | | | | |

MAJOR (SUBR E) F - FINAL TREATED SANITARY WASTEWATER

*** NO DISCHARGE ___ ***

| PARAMETER | | QUANTI | TY OR LOADI | NG | QUANT | TTY OR LO | ADING | | NO. EX | | SAMPLE TYPE |
|-----------------------------------|-----------------------|---------|-------------|-------|---------------------|-------------------|--------------------|--------------|---------|---------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM (MO AVE) | AVERAGE (WKLY) | MAXIMUM (DAILY) | UNITS | (62-63) | ANALYSIS (64-68) | (69-70) |
| PH | SAMPLE MEASUREMENT | ***** | ***** | ***** | 6.3 | ***** | 6.8 | SU | 0 | 01 / 01 | GR |
| EFFLUENT | PERMIT LIMIT | ***** | ***** | | 6.0 MINIMUM | ***** | 9.0 MAXIMUM | SU | | DAILY | GRAB |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | ***** | ***** | ***** | 154.1 | 196.8 | 277.6 | (19) mg/L | 0 | 01 / 01 | 24 |
| INFLUENT | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | REPORT WKLY | REPORT DAILY MX | MG/L | | DAILY | COMP24 |
| SOLIDS, TOTAL | SAMPLE MEASUREMENT | ***** | ***** | ***** | 11.7 | 16.5 | 21.0 | (19) | 0 | 01 / 01 | 24 |
| SUSPENDED EFFLUENT | PERMIT LIMIT | ***** | ***** | | 30 MO AVG | 45 WKLY | REPORT DAILY MX | mg/L MG/L | | DAILY | COMP24 |
| SOLIDS, SETTLEABLE | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | 0.13 | 0.30 | (25) mL/L | 0 | 01 / 01 | GR |
| EFFLUENT | PERMIT LIMIT | ***** | ***** | | ***** | REPORT WKLY | REPORT DAILY MX | ML/L | | DAILY | GRAB |
| NITROGEN, AMMONIA TOTAL (AS N) | SAMPLE MEASUREMENT | **** | ***** | ***** | 11.64 | ***** | ***** | (19) | 0 | 05 / 30 | 24 |
| EFFLUENT | PERMIT LIMIT | **** | ***** | | REPORT MO AVG | ***** | ***** | mg/L MG/L | | ONCE / MONTH | COMP24 |
| NITROGEN, NITRITE | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.201 | ***** | ***** | (19) | 0 | 05 / 30 | 24 |
| TOTAL (AS N) EFFLUENT | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | ***** | mg/L MG/L | | ONCE / MONTH | COMP24 |
| NITROGEN, NITRATE TOTAL (AS N) | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.726 | ***** | ***** | (19) | 0 | 05 / 30 | 24 |
| EFFLUENT | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | ***** | mg/L MG/L | | ONCE / MONTH | COMP24 |

Page 1 of 6

| PARAMETER | | (3 Card Only) QI (46-53) | UANTITY OR (54-61) | | (4 Card Only) (38-45) | QUANTITY ((46-53) | OR LOADING (54-61) | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|-----------------------|------------------------------------|-----------------------|--------|-----------------------|-----------------------|-----------------------|---------------|---------|-----------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| NITROGEN, KJELDAHL | SAMPLE MEASUREMENT | ***** | ***** | ****** | 17.38 | ***** | ***** | (19) | 0 | 05 / 30 | 24 |
| TOTAL (AS N) EFFLUENT | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | ***** | mg/L MG/L | | ONCE / MONTH | COMP24 |
| CHLORIDE (AS CL) | SAMPLE MEASUREMENT | ***** | ***** | ****** | ***** | ***** | 538 | (19) | 0 | 01 / 01 | GR |
| INFLUENT | PERMIT LIMIT | **** | ***** | | ***** | ***** | REPORT DAILY MX | mg/L MG/L | | DAILY | GRAB |
| ARSENIC, TOTAL (AS AS) | SAMPLE MEASUREMENT | ***** | ***** | ****** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| EFFLUENT | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| COPPER TOTAL RECOVERABLE | SAMPLE MEASUREMENT | ***** | ***** | ****** | 8.71 | ***** | 11.90 | (28) | 0 | 06 / 30 | 24 |
| EFFLUENT | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| COLIFORM, FECAL - % of total number of samples | SAMPLE MEASUREMENT | ***** | ***** | ****** | 0 | ***** | **** | % | 0 | 03 / 01 | CA |
| exceeding 14000 #/100mL EFFLUENT | PERMIT LIMIT | ***** | ***** | | 10 MAXIMUM | ***** | **** | 76 PERCENT | | THREE / DAY | GRAB |
| PCB-1016 | SAMPLE MEASUREMENT | ***** | ***** | ****** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| (AROCHLOR 1016) EFFLUENT | PERMIT LIMIT | ***** | ***** | | 0.000045 MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| 4, 4'-DDT (P, P'-DDT) | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| EFFLUENT | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |

| PARAMETER | | (3 Card Only) Q ((46-53) | JANTITY OR (54-61) | | (4 Card Only) (38-45) | QUANTITY ((46-53) | OR LOADING (54-61) | | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|--|-----------------------|-------------------------------------|-----------------------|--------|-----------------------|-----------------------|-----------------------|--------------|---------|-----------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| ALDRIN EFFLUENT GROSS | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| VALUE | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| CHLORDANE, ALPHA, WHOLE WATER | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| CHLORDANE (TECH MIX. AND METABOLITES) | SAMPLE MEASUREMENT | ***** | ***** | ****** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| DIELDRIN | SAMPLE MEASUREMENT | ***** | ***** | ****** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| HEPTACHLOR | SAMPLE MEASUREMENT | ***** | ***** | ****** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| VALUE | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| HEPTACHLOR EPOXIDE | SAMPLE MEASUREMENT | ***** | ***** | ****** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| VALUE | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| PCB-1221 (AROCHLOR 1221) | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | **** | ***** | | 0.000045 MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |

| PARAMETER | | (3 Card Only) QI | | | ` , | | OR LOADING | | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|-------------------------------------|-----------------------|--------------------|--------------------|--------|--------------------|--------------------|--------------------|--------------|---------|--------------------|---------------|
| (32-37) | | (46-53) AVERAGE | (54-61) MAXIMUM | UNITS | (38-45) MINIMUM | (46-53) AVERAGE | (54-61) MAXIMUM | UNITS | | ANALYSIS | |
| PCB-1232 (AROCHLOR 1232) | SAMPLE MEASUREMENT | ***** | ***** | ****** | 0.0 | ***** | 0.0 | (28) | (62-63) | (64-68) 02 / 30 | (69-70) 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | ***** | ***** | | 0.000045 MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| PCB-1242 (AROCHLOR 1242) | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.0 | ***** | 0.0 | (28) ug/L | 0 | 02 / 30 | 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | ***** | ***** | | 0.000045 MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| PCB-1248 (AROCHLOR 1248) | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.0 | ***** | 0.0 | (28) ug/L | 0 | 02 / 30 | 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | ***** | ***** | | 0.000045 MO AVG | ***** | REPORT DAILY MX | UG/L | | ONCE / MONTH | COMP24 |
| PCB-1254 (AROCHLOR 1254) | SAMPLE MEASUREMENT | ***** | ***** | ****** | 0.0 | ***** | 0.0 | (28) ug/L | 0 | 02 / 30 | 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | ***** | ***** | | 0.000045 MO AVG | ***** | REPORT DAILY MX | UG/L | | ONCE / MONTH | COMP24 |
| PCB-1260 (AROCHLOR 1260) | SAMPLE MEASUREMENT | ***** | ***** | ****** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | ***** | ***** | | 0.000045 MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| POLYCHLORINATED BIPHENYLS (PCBS) | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.00 | ***** | 0.00 | (28) | 0 | 01 / 30 | 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ng/L nG/L | | ONCE / MONTH | COMP24 |
| HEXACHLOROBENZENE EFFLUENT GROSS | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.0 | ***** | 0.0 | (28) ug/L | 0 | 02 / 30 | 24 |
| VALUE VALUE | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | UG/L | | ONCE / MONTH | COMP24 |

| PARAMETER | | (3 Card Only) Ql | | | ` , | | OR LOADING | | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|------------------------------------|-----------------------|------------------|--------------------|------------|------------------|------------------|--------------------|-----------------|---------|-----------------|-------------|
| (32-37) | \sim | (46-53) | (54-61) | | (38-45) | (46-53) | (54-61) | | | ANALYSIS | |
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| CHLORDANE, GAMMA, WHOLE WATER | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.0 | ***** | 0.0 | (28) | 0 | 02 / 30 | 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | **** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| FLOW, IN CONDUIT OR THRU TREATMENT | SAMPLE MEASUREMENT | 480.3 | 820.7 | (03) | ***** | ***** | ***** | ***** | 0 | 99 / 99 | RC |
| PLANT EFFLUENT GROSS | PERMIT LIMIT | REPORT MO AVG | REPORT DAILY MX | mgd MGD | ***** | ***** | ***** | | | CONTIN- UOUS | RCORDR |
| CHLORINE, TOTAL RESIDUAL | SAMPLE MEASUREMENT | ***** | ***** | ***** | 31 | ***** | 43 | (19) | 0 | 03 / 01 | GR |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | ***** | ***** | | 456 MO AVG | ***** | 631 DAILY MX | ug/L ug/L | | THREE / DAY | GRAB |
| MERCURY, TOTAL (AS HG) | SAMPLE MEASUREMENT | **** | ***** | ***** | 0.026 | ***** | 0.029 | (28) | 0 | 05 / 30 | 24 |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | COMP24 |
| COLIFORM, FECAL | SAMPLE MEASUREMENT | ***** | ***** | ***** | N/A | | | (13) #/100mL | | 03 / 01 | |
| GENERAL | PERMIT LIMIT | ***** | ***** | | 200 MoGeoMea | 200 WKLY MN | 400 DAILY MX | #/100ML | | THREE / DAY | GRAB |
| COLIFORM, FECAL | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | 18 | 52 | (13) #/100mL | 0 | 03 / 01 | GR |
| GENERAL | PERMIT LIMIT | **** | ***** | | ***** | 14000 WKLY MN | 14000 DAILY MX | #/100ML | | THREE / DAY | GRAB |
| CYANIDE, TOTAL EFFLUENT GROSS | SAMPLE MEASUREMENT | ***** | ***** | ***** | 0.0 | ***** | 0.0 | (28) mg/L | 0 | 02 / 30 | GR |
| VALUE VALUE | PERMIT LIMIT | ***** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | MG/L | | ONCE / MONTH | GRAB |

| | | (3 Card Only) QI | JANTITY OR | | (4 Card Only) | QUANTITY (| OR LOADING | | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|---|-----------------------|---|------------------|----------------|------------------|-------------------|--------------------|--------------|---------|-----------------|-------------|
| PARAMETER | | (46-53) | (54-61) | | (38-45) | (46-53) | (54-61) | | | ANALYSIS | |
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| VOLATILE FRACTION ORGANICS (EPA 624) | SAMPLE MEASUREMENT | **** | ***** | ***** | 30.96 | ***** | 41.86 | (28) | 0 | 02 / 30 | GR |
| EFFLUENT GROSS VALUE | PERMIT LIMIT | **** | ***** | | REPORT MO AVG | ***** | REPORT DAILY MX | ug/L UG/L | | ONCE / MONTH | GRAB |
| CBOD5 / NH3-N | SAMPLE MEASUREMENT | **** | ***** | ***** | 86.3 | 98.3 | 140.5 | (19) | 0 | 01 / 01 | 24 |
| RAW SEW/INFLUENT | PERMIT LIMIT | **** | ***** | | REPORT MO AVG | REPORT WKLY | REPORT DAILY MX | mg/L MG/L | | DAILY | COMP24 |
| CBOD5 / NH3-N EFFLUENT GROSS | SAMPLE MEASUREMENT | **** | ***** | ***** | 7.7 | 11.4 | 16.5 | (19) mg/L | 0 | 01 / 01 | 24 |
| VALUE | PERMIT LIMIT | ***** | ***** | | 25 MO AVG | 40 WKLY AVG | REPORT DAILY MX | MG/L | | DAILY | COMP24 |
| FLOW,TOTAL EFFLUENT GROSS | SAMPLE MEASUREMENT | 332.8 | 442.1 | (03) mgd | ***** | ***** | ***** | ***** | 0 | 99 / 99 | CA |
| VALUE | PERMIT LIMIT | 436 ANNL AVG | REPORT MO AVG | MGD | ***** | ***** | ***** | | | CONTINUOUS | CALCULATE |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| NAME / TITLE PRINCIP OFFICEI | | FAMILIAR WITH | IDER PENALTY C | ΓED HEREIN; AN | D BASED ON M | See original form | | TELEPHONE | DATE | | |
| Michael J. Ho Chief Operatin | | THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. | | | | | | | ature | (617)788-4359 | 05/15/01 |

DEER ISLAND TREATMENT PLANT

PERMITTEE NAME / ADDRESS NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

| NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES |
|--|
| APRIL 2001 - DISCHARGE MONITORING REPORT (DMR) |

MONITORING PERIOD

YEAR

01

DAY

MA0103284 PERMIT NUMBER

FROM

МО

04

YEAR

01

T01 T DISCHARGE NUMBER

DAY

30

TO

МО

04

MAJOR (SUBR E) F - FINAL TUNNEL WET DATA

| PARAMETER | | (3 Card Only) Q (| JANTITY OR (54-61) | | (4 Card Only) (38-45) | QUANTITY ((46-53) | OR LOADING (54-61) | i | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---------------------------------------|---|------------------------------|--|--------------------------|-----------------------|-----------------------|-----------------------|-----------|---------|-----------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | , , | AVERAGE | | UNITS | (62-63) | (64-68) | (69-70) |
| LC50 STAT 48HR ACU MYSID. BAHIA | SAMPLE MEASUREMENT | ***** | ***** | **** | 100 | ***** | ***** | (23) | 0 | 01 / 30 | 24 |
| TAA3E 1 0 2 EFF | PERMIT LIMIT | ***** | ***** | **** | 50 DAILY MN | ***** | ***** | % | | ONCE / MONTH | COMP24 |
| LC50 STAT 48HR ACU MENDIA | SAMPLE MEASUREMENT | ***** | ***** | **** | 100 | ***** | ***** | (23) | 0 | 01 / 30 | 24 |
| TBD6B 1 0 2 EFFLUENT | PERMIT LIMIT | ***** | ***** | **** | 50 DAILY MN | ***** | ***** | % | | ONCE / MONTH | COMP24 |
| NOEL STAT 1HR FERT CHR ARBACIA | SAMPLE MEASUREMENT | ***** | ***** | **** | < 1.5 | ***** | ***** | (23) | 1 | 01 /30 | 24 |
| TBH3A 1 0 2 EFFLU | PERMIT LIMIT | ***** | ***** | **** | 1.5 DAILY MN | ***** | ***** | % | | ONCE / MONTH | COMP24 |
| NOAEL STATRE 7DAY CH R MENIDIA | SAMPLE MEASUREMENT | ***** | ***** | **** | 100 | ***** | ***** | (23) | 0 | 01 / 30 | 24 |
| TDP6B 1 0 2 EFFLU | PERMIT LIMIT | ***** | ***** | **** | 1.5 DAILY MN | ***** | ***** | % | | ONCE / MONTH | COMP24 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| · · · · · · · · · · · · · · · · · · · | NAME / TITLE PRINCIPAL EXECUTIVE OFFICER | | LIDER PENALTY C THE INFORMATI UALS IMMEDIATE | ON SUBMIT | TED HEREIN; AN | See original form | | TELEPHONE | DATE | | |
| Michael J. Hor Chief Operating | | BELIEVE THE AWARE THAT TH | SUBMITTED INFO | ORMATION IS CANT PENA | S TRUE, ACCURA | ATE AND COMF | PLETE. I AM | for signa | | (617)788-4359 | 05/15/01 |
| FPA Form 3320-1 (08-95) P | | | | | A FORM T-40 | | V NOT BE II | SED / | | | Page 1 of 1 |

COTTAGE FARM CSO

LAST UPDATED: MAY 18, 2001 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MA0103284

PERMIT NUMBER

2001

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MINOR (SUBR E) F - FINAL

C01 A

DISCHARGE NUMBER

30

PERMITTEE NAME / ADDRESS NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129 ATTN: Michael Hornbrook

| | | M | ONITORII | NG PERIOD | | | | | |
|---|------|------|----------|-----------|----|-----|--|--|--|
| | | FROM | | ТО | | | | | |
| Ī | YEAR | MO | DAY | YEAR | MO | DAY | | | |

2001

*** NO DISCHARGE X **

CSO 201- MONTHLY & QUARTERLY

| PARAMETER | | (3 Card Only) Ql (46-53) | JANTITY OR (54-61) | | (4 Card Only (38-45) | y) QUALITY (46-53) | OR CONCEN (54-61) | ITRATION | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---------------------------------------|-----------------------|---------------------------------|-----------------------|--------------|-------------------------|------------------------------|----------------------|--------------|---------|------------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| BOD, 5 - DAY (20 DEG. C) | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (19) mg/L | | | |
| EFFLUENT | PERMIT REQUIREMENT | **** | **** | *** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L | | FOUR/YEAR | COMPOS |
| PH | SAMPLE MEASUREMENT | ***** | **** | *** | | ***** | | (12) | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | *** | 6.5 MINIMUM | ***** | 8.3 MAXIMUM | SU SU | | FOUR/YEAR | GRAB |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | ***** | ***** | *** | | ***** | | (19) | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | *** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L mg/L | | FOUR/YEAR | COMPOS |
| RAINFALL | SAMPLE MEASUREMENT | | | (61) | ***** | ***** | ***** | ****** | | | |
| EFFLUENT | PERMIT REQUIREMENT | REPORT MO TOTAL | REPORT MAXIMUM | inches | ***** | ***** | ***** | ********* | | ALL EVENTS | RCORDR |
| FLOW, WASTEWATER | SAMPLE MEASUREMENT | | | (3R) | ***** | ***** | ***** | ****** | | | |
| BYPASSING TREATMENT PLANT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | mgal mgal | ***** | ***** | ***** | ****** | | CONTINUOUS | CONTINUOUS |
| FLOW, IN CONDUIT OR THRU TREATMENT | SAMPLE MEASUREMENT | | | (03) | ***** | ***** | ***** | | | | |
| PLANT EFFLUENT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | mgd mgd | ***** | ***** | ***** | ***** | | CONTINUOUS | CONTINUOUS |
| CHLORINE, TOTAL | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (19) | | | |
| RESIDUAL EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | *** | 0.1 AVERAGE | ***** | 0.25 MAX HR RT | mg/L mg/L | | FOUR/YEAR | GRAB |
| * - UNDERGOING FACILITY UPGRA | ADE | 1 | ı | l | <u> </u> | 1 | | <u> </u> | 1 | | Page 1 of 3 |

^{* -} UNDERGOING FACILITY UPGRADE

COTTAGE FARM CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

DAY

YEAR

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MA0103284
PERMIT NUMBER

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FROM

MO

C01 A DISCHARGE NUMBER

DAY

30

TO

MO

MINOR (SUBR E) F - FINAL

CSO 201 - MONTHLY & QUARTERLY

| | | (3 Card Only) QI | JANTITY OR | | (4 Card Only |) QUALITY | OR CONCEN | ITRATION | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|---------------------|-----------------------|------------------|---------------------|-------------------|------------------|-----------|-------------------|--------------------|----------|--------------|-------------|
| 1 | | (46-53) | (54-61) | | (38-45) | (46-53) | (54-61) | | | ANALYSIS | |
| · | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| COLIFORM, FECAL | SAMPLE MEASUREMENT | **** | ***** | ****** | | ***** | | (13) | | | |
| GENERAL EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | *********** | REPORT MO GEO | ***** | REPORT MAXIMUM | #/100mL #/100ML | | FOUR/YEAR | GRAB |
| BYPASS OF TREATMENT | SAMPLE MEASUREMENT | ***** | С | (93) | ***** | ***** | ***** | ****** | | | |
| BYPASS OF TREATMENT | PERMIT REQUIREMENT | **** | REPORT EVENT TOT | occur/mo n | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DURATION OF | SAMPLE MEASUREMENT | **** | С | (79) | ***** | ***** | ***** | ****** | | | |
| DISCHARGE | PERMIT REQUIREMENT | **** | CNTESTED | hours/da y | ***** | ***** | **** | | | ALL EVENTS | OCCURS |
| DISCHARGE DURATION | SAMPLE MEASUREMENT | **** | | (8A) hours | ***** | ***** | **** | ****** | | | |
| EFFLUENT | PERMIT REQUIREMENT | **** | CNTESTED | hours | ***** | ***** | **** | | | ALL EVENTS | OCCURS |
| DISCHARGE EVENT | SAMPLE MEASUREMENT | **** | | (93) occur/mon | ***** | ***** | ***** | ****** | | | |
| OBSERVATION | PERMIT REQUIREMENT | ***** | REPORT EVENT TOT | occur/mo n | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| L | <u> </u> | | <u> </u> | l | | 1 | | | <u> </u> | | |

COTTAGE FARM CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MA0103284 C01 A
PERMIT NUMBER DISCHARGE NUMBER

| | М | ONITORII | NG PERIOD | | | | | | | |
|--------------------|----|----------|-----------|----|-----|--|--|--|--|--|
| FROM TO | | | | | | | | | | |
| YEAR | MO | DAY | YEAR | MO | DAY | | | | | |
| 2001 4 1 2001 4 30 | | | | | | | | | | |

MINOR (SUBR E) F - FINAL

CSO 201 - MONTHLY & QUARTERLY

*** NO DISCHARGE X ***

| | | (3 Card Only) QI | JANTITY OR | | (4 Card Only |) QUANTIT | Y OR LOADII | NG | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|----------------------------------|-----------------------|---|---|--|---|--|-----------------------------|-------------------------|---------|------------------|-------------|
| PARAMETER | | (46-53) | (54-61) | | (38-45) | (46-53) | (54-61) | ı | | ANALYSIS | |
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| LC50/PF STAT 24HR AC | SAMPLE MEASUREMENT | ***** | ***** | ****** | | ***** | ***** | (23) | | | |
| MYSID. BAHIA EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | ****** | REPORT DAILY MN | ***** | ***** | % PERCENT | | SEMI / ANNUAL | COMPOSITE |
| LC50/PF STAT 24HR AC MENIDIA | SAMPLE MEASUREMENT | ***** | ***** | ***** | > 100 | ***** | ***** | (23) | 0 | 01 / 180 | 24 |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | | REPORT DAILY MN | ***** | ***** | PERCENT | | SEMI / ANNUAL | COMPOSITE |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| NAME / TITLE PRINCIP | AL EXECUTIVE | I CERTIFY UN | IDER PENALTY C | F LAW THA | ι ΓΙΗΑVE PERSO | NALLY EXAMIN | IED AND AM | | I. | TELEPHONE | DATE |
| Michael J. Ho Chief Operating | | THOSE INDIVID BELIEVE THE AWARE THAT TH | THE INFORMATION UALS IMMEDIATE SUBMITTED INFOMERE ARE SIGNIFINCLUDING THE F | ELY RESPON DRMATION IS CANT PENA | ISIBLE FOR OBT S TRUE, ACCUR LTIES FOR SUBI | AINING THE IN ATE AND COMF MITTING FALSE | FORMATION, I PLETE. I AM | See original signatu | | (617)788-4359 | 05/15/2001 |
| O NO SAMPLING CONDUCTED TH | UO MONITU | | | | | | | | | | Page 3 of 3 |

9-NO SAMPLING CONDUCTED THIS MONTH

PRISON POINT CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

| NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (N | PDES) |
|--|-------|
|--|-------|

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MA0103284 PERMIT NUMBER MINOR (SUBR E) F - FINAL

C03 A

DISCHARGE NUMBER

CSO 203 - MONTHLY & QUARTERLY

| | MONITORING PERIOD | | | | | | | | | | | | |
|------|-------------------|-----|------|----|-----|--|--|--|--|--|--|--|--|
| | FROM | | TO | | | | | | | | | | |
| YEAR | MO | DAY | YEAR | MO | DAY | | | | | | | | |
| 2001 | 4 | 1 | 2001 | 4 | 30 | | | | | | | | |

| PARAMETER | | (3 Card Only) Ql (46-53) | JANTITY OR (54-61) | | (4 Card Only (38-45) |) QUALITY (46-53) | OR CONCEN (54-61) | ITRATION | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|---------------------------------------|-----------------------|------------------------------------|-----------------------|--------------|-------------------------|--------------------------|----------------------|--------------|---------|---------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | ANALYSIS (64-68) | (69-70) |
| BOD, 5 - DAY (20 DEG. C) | SAMPLE MEASUREMENT | ***** | ***** | *** | | ***** | | (19) | | | |
| EFFLUENT | PERMIT REQUIREMENT | **** | **** | *** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L mg/L | | FOUR/YEAR | COMPOS |
| PH | SAMPLE MEASUREMENT | ***** | ***** | *** | | ***** | | (12) SU | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | *** | 6.5 MINIMUM | ***** | 8.3 MAXIMUM | SU | | FOUR/YEAR | GRAB |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | ***** | ***** | *** | | ***** | | (19) mg/L | | | |
| EFFLUENT | PERMIT REQUIREMENT | **** | **** | *** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L | | FOUR/YEAR | COMPOS |
| RAINFALL | SAMPLE MEASUREMENT | | | (61) | ***** | ***** | ***** | ****** | | | |
| EFFLUENT | PERMIT REQUIREMENT | REPORT MO TOTAL | REPORT MAXIMUM | inches | ***** | ***** | ***** | | | ALL EVENTS | RCORDR |
| FLOW, WASTEWATER | SAMPLE MEASUREMENT | | | (3R) | ***** | ***** | ***** | ****** | | | |
| BYPASSING TREATMENT PLANT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | mgal mgal | ***** | ***** | ***** | | | CONTINUOUS | CONTINUOUS |
| FLOW, IN CONDUIT OR THRU TREATMENT | SAMPLE MEASUREMENT | | | (03) | ***** | ***** | ***** | ****** | | | |
| PLANT EFFLUENT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | mgd mgd | ***** | ***** | ***** | | | CONTINUOUS | CONTINUOUS |
| CHLORINE, TOTAL RESIDUAL | SAMPLE MEASUREMENT | ***** | ***** | *** | | ***** | | (19) | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | *** | 0.1 AVERAGE | ***** | 0.25 MAX HR RT | mg/L mg/L | | FOUR/YEAR | GRAB |

^{*-}UNDERGOING FACILITY UPGRADE
9-NO SAMPLING CONDUCTED THIS MONTH

PRISON POINT CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

YEAR

2001

TO

MO

DAY

30

MA0103284 C03 A
PERMIT NUMBER DISCHARGE NUMBER

DAY

FROM

MO

YEAR

2001

MINOR (SUBR E) F - FINAL

CSO 203 - MONTHLY & QUARTERLY

| | | (3 Card Only) Ql | JANTITY OR | | (4 Card Only) QUALITY OR CONCENTRAT | | | | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|---------------------|-----------------------|------------------|---------------------|-------------------|-------------------------------------|---------|-------------------|--------------------|---------|--------------|-------------|
| 1 | | (46-53) | (54-61) | | (38-45) | (46-53) | (54-61) | | _ | ANALYSIS | |
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| COLIFORM, FECAL | SAMPLE MEASUREMENT | **** | ***** | ****** | | ***** | | (13) | | | |
| GENERAL EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | ******** | REPORT MO GEO | ***** | REPORT MAXIMUM | #/100mL #/100ML | | FOUR/YEAR | GRAB |
| BYPASS OF TREATMENT | SAMPLE MEASUREMENT | ***** | С | (93) | ***** | ***** | ***** | ****** | | | |
| BYPASS OF TREATMENT | PERMIT REQUIREMENT | **** | REPORT EVENT TOT | occur/mo n | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DURATION OF | SAMPLE MEASUREMENT | **** | С | (79) | ***** | ***** | ***** | ****** | | | |
| DISCHARGE | PERMIT REQUIREMENT | ***** | CNTESTED | hours/da y | ***** | ***** | ***** | ******* | | ALL EVENTS | OCCURS |
| DISCHARGE DURATION | SAMPLE MEASUREMENT | ***** | | (8A) | ***** | ***** | ***** | ****** | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | CNTESTED | hours hours | ***** | ***** | ***** | ******* | | ALL EVENTS | OCCURS |
| DISCHARGE EVENT | SAMPLE MEASUREMENT | ***** | | (93) occur/mon | ***** | ***** | ***** | ****** | | | |
| OBSERVATION | PERMIT REQUIREMENT | ***** | REPORT EVENT TOT | occur/mo n | ***** | ***** | ***** | ****** | | ALL EVENTS | OCCURS |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| <u> </u> | | | | | ! | 1 | I | | | | |

PRISON POINT CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

YEAR

2000

DAY

MA0103284 PERMIT NUMBER

YEAR

2001

FROM

МО

4

C03 A
DISCHARGE NUMBER

DAY

30

TO

MO

MINOR (SUBR E) F - FINAL

CSO 203- MONTHLY & QUARTERLY

*** NO DISCHARGE X ***

| PARAMETER | | (3 Card Only) Q (| JANTITY OR (54-61) | | (4 Card Only |) QUANTIT | Y OR LOADII | NG | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|----------------------------------|-----------------------|--|--|--|---|---|---|---------------------------|----------|---------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | , , | AVERAGE | , , | UNITS | (62-63) | ANALYSIS (64-68) | (69-70) |
| LC50/PF STAT 24HR AC | SAMPLE MEASUREMENT | **** | ***** | ****** | | ***** | ***** | (23) | | | |
| PIMPEPHALES EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | | REPORT DAILY MN | ***** | ***** | % PERCENT | | SEMI / ANNUAL | COMP24 |
| LC50/PF STAT 24HR AC DAPHNIA | SAMPLE MEASUREMENT | ***** | ***** | ****** | | ***** | ***** | (23) | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | | REPORT DAILY MN | ***** | ***** | 76 PERCENT | | SEMI / ANNUAL | COMP24 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| NAME / TITLE PRINCIP | L AL EXECUTIVE | LOEDTIEVIIA | I IDER PENALTY O | F I A)A/ TIIA | LUAVE DEDCO | | IED AND AM | | <u> </u> | TELEPHONE | DATE |
| Michael J. Ho Chief Operating | | FAMILIAR WITH THOSE INDIVID BELIEVE THE AWARE THAT TH | THE INFORMATION OF THE INFORMATI | ON SUBMITT ELY RESPON DRMATION IS CANT PENA | ED HEREIN; AN ISIBLE FOR OBT S TRUE, ACCUR, LTIES FOR SUBI | D BASED ON M AINING THE INI ATE AND COMF MITTING FALSE | Y INQUIRY OF FORMATION, I PLETE. I AM | See original f signatu | | (617)788-4359 | 05/15/2001 |

9-NO SAMPLING CONDUCTED THIS MONTH

SOMERVILLE MARGINAL CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MA0103284
PERMIT NUMBER

MINOR (SUBR E) F - FINAL

C05

DISCHARGE NUMBER

CSO 205 - MONTHLY & QUARTERLY

| | | M | ONITORII | NG PERIOD | | | | | |
|---------|------|----|----------|-----------|----|-----|--|--|--|
| FROM TO | | | | | | | | | |
| | YEAR | MO | DAY | YEAR | MO | DAY | | | |
| | 2001 | 4 | 1 | 2001 | 4 | 30 | | | |
| | | | | | | | | | |

| PARAMETER | | (3 Card Only) QI (46-53) | JANTITY OR (54-61) | | (4 Card Only (38-45) |) QUALITY (46-53) | OR CONCEN | ITRATION | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---------------------------------------|-----------------------|------------------------------------|-----------------------|--------------|-------------------------|--------------------------|-------------------|--------------|---------|------------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| BOD, 5 - DAY | SAMPLE MEASUREMENT | ***** | ***** | *** | | ***** | | (19) | | | |
| (20 DEG. C) EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L mg/L | | FOUR/YEAR | COMPOS |
| PH | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (12) | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | 6.5 MINIMUM | ***** | 8.3 MAXIMUM | SU SU | | FOUR/YEAR | GRAB |
| SOLIDS, TOTAL | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (19) | | | |
| SUSPENDED EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L mg/L | | FOUR/YEAR | COMPOS |
| RAINFALL | SAMPLE MEASUREMENT | | | (61) | ***** | ***** | ***** | ****** | | | |
| EFFLUENT | PERMIT REQUIREMENT | REPORT MO TOTAL | REPORT MAXIMUM | inches | ***** | ***** | ***** | ****** | | ALL EVENTS | RCORDR |
| FLOW, WASTEWATER | SAMPLE MEASUREMENT | | | (3R) | ***** | ***** | ***** | | | | |
| BYPASSING TREATMENT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | mgal mgal | ***** | ***** | **** | ***** | | CONTINUOUS | CONTINUOUS |
| FLOW, IN CONDUIT OR THRU TREATMENT | SAMPLE MEASUREMENT | o / ti o | | (03) | ***** | ***** | ***** | | | | |
| PLANT EFFLUENT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | mgd mgd | ***** | ***** | ***** | ***** | | CONTINUOUS | CONTINUOUS |
| CHLORINE, TOTAL | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (19) | | | |
| RESIDUAL EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | 0.1 AVERAGE | ***** | 0.25 MAX HR RT | mg/L mg/L | | FOUR/YEAR | GRAB |

SOMERVILLE MARGINAL CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

YEAR

2001

DAY

MA0103284
PERMIT NUMBER

FROM

MO

YEAR

2001

C05
DISCHARGE NUMBER

DAY

30

TO

MO

MINOR (SUBR E) F - FINAL

CSO 205 - MONTHLY & QUARTERLY

| 1 | | (3 Card Only) Q I (46-53) | UANTITY OR (54-61) | | (4 Card Only (38-45) | y) QUALITY (46-53) | OR CONCEN (54-61) | ITRATION | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---------------------|-----------------------|-------------------------------------|-----------------------|-------------------|-------------------------|------------------------------|----------------------|--------------------|---------|------------------------|-------------|
| • | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| COLIFORM, FECAL | SAMPLE MEASUREMENT | ***** | ***** | ****** | | ***** | | (13) | | | |
| GENERAL EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | ****** | REPORT MO GEO | ***** | REPORT MAXIMUM | #/100mL #/100ML | | FOUR/YEAR | GRAB |
| BYPASS OF TREATMENT | SAMPLE MEASUREMENT | ***** | С | (93) | ***** | ***** | ***** | ****** | | | |
| BYPASS OF TREATMENT | PERMIT REQUIREMENT | ***** | REPORT EVENT TOT | occur/mo n | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DURATION OF | SAMPLE MEASUREMENT | ***** | С | (79) | ***** | ***** | ***** | ****** | | | |
| DISCHARGE | PERMIT REQUIREMENT | ***** | CNTESTED | hours/da y | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DISCHARGE DURATION | SAMPLE MEASUREMENT | ***** | | (8A) hours | ***** | ***** | ***** | ****** | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | CNTESTED | hours | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DISCHARGE EVENT | SAMPLE MEASUREMENT | ***** | | (93) occur/mon | ***** | ***** | ***** | ****** | | | |
| OBSERVATION | PERMIT REQUIREMENT | ***** | REPORT EVENT TOT | occur/mo n | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| | | | | | | | | | | | |
| | | | | | | | | | _ | | |

SOMERVILLE MARGINAL CSO

PERMITTEE NAME / ADDRESS

NAME **MWRA**

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR) C05

MONITORING PERIOD

YEAR

2001

DAY

MA0103284 PERMIT NUMBER

YEAR

2001

FROM

МО

MINOR (SUBR E) F - FINAL

DISCHARGE NUMBER

DAY

30

TO

МО

CSO 205 - MONTHLY & QUARTERLY

*** NO DISCHARGE X ***

| PARAMETER | | (3 Card Only) Ql (46-53) | JANTITY OR (54-61) | | (4 Card Only) QUANTITY OR LOADING (38-45) (46-53) (54-61) | | | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---------------------------------|-----------------------|---|---|--|--|---|---|----------------------|---------|------------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| LC50/PF STAT 24HR AC | SAMPLE MEASUREMENT | ***** | ***** | ****** | | | | (23) | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | | REPORT DAILY MN | ***** | **** | % PERCENT | | SEMI / ANNUAL | COMP24 |
| LC50/PF STAT 24HR AC | SAMPLE MEASUREMENT | ***** | ***** | ****** | | ***** | ***** | (23) | | | |
| DAPHNIA EFFLUENT | PERMIT REQUIREMENT | **** | ***** | | REPORT DAILY MN | ***** | ***** | % PERCENT | | SEMI / ANNUAL | COMP24 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| NAME / TITLE PRINCIP | AL EXECUTIVE | I CERTIFY UN | I IDER PENALTY C | F LAW THA | ι ΓΙΗΑVE PERSO | NALLY EXAMIN | IED AND AM | | | TELEPHONE | DATE |
| Michael J. Ho Chief Operatin | | FAMILIAR WITH THOSE INDIVID BELIEVE THE AWARE THAT THI | THE INFORMATI UALS IMMEDIATE SUBMITTED INFO | ON SUBMITT ELY RESPON DRMATION IS CANT PENA | TED HEREIN; AN ISIBLE FOR OBT S TRUE, ACCUR, LTIES FOR SUBI | D BASED ON M AINING THE INI ATE AND COMF MITTING FALSE | Y INQUIRY OF FORMATION, I PLETE. I AM | See original signatu | | (617)788-4359 | 05/15/2001 |

9-NO SAMPLING CONDUCTED THIS MONTH

SOMERVILLE MARGINAL RELIEF OUTFALL

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE BOSTON MA 02129

FACILITY **MWRA**

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MONITORING PERIOD

YEAR

2001

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MA0103284 PERMIT NUMBER DISCHARGE NUMBER

DAY

FROM

MO

YEAR

2001

MINOR (SUBR E) F - FINAL

C25

DAY

30

TO

MO

4

CSO 205 - MONTHLY & QUARTERLY

| PARAMETER | | (3 Card Only) QI (46-53) | JANTITY OR (54-61) | | (4 Card Only (38-45) |) QUALITY (46-53) | OR CONCEN | ITRATION | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---------------------------------------|-----------------------|------------------------------------|-----------------------|--------------|-------------------------|--------------------------|-------------------|--------------|---------|------------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| BOD, 5 - DAY | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (19) | | | |
| (20 DEG. C) EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L mg/L | | FOUR/YEAR | COMPOS |
| PH | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (12) | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | 6.5 MINIMUM | ***** | 8.3 MAXIMUM | SU SU | | FOUR/YEAR | GRAB |
| SOLIDS, TOTAL | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (19) | | | |
| SUSPENDED EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L mg/L | | FOUR/YEAR | COMPOS |
| RAINFALL | SAMPLE MEASUREMENT | | | (61) | ***** | ***** | ***** | ****** | | | |
| EFFLUENT | PERMIT REQUIREMENT | REPORT MO TOTAL | REPORT MAXIMUM | INCHES | ***** | ***** | ***** | ****** | | ALL EVENTS | RCORDR |
| FLOW, WASTEWATER | SAMPLE MEASUREMENT | | | (3R) | ***** | ***** | ***** | | | | |
| BYPASSING TREATMENT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | mgal mgal | ***** | ***** | ***** | ***** | | CONTINUOUS | CONTINUOUS |
| FLOW, IN CONDUIT OR THRU TREATMENT | SAMPLE MEASUREMENT | o / ti o | 27.112.1111.01 | (03) | ***** | ***** | ***** | | | | |
| PLANT EFFLUENT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | MGD mgd | ***** | ***** | ***** | ***** | | CONTINUOUS | CONTINUOUS |
| CHLORINE, TOTAL | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (19) | | | |
| RESIDUAL EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | 0.1 AVERAGE | ***** | 0.25 MAX HR RT | mg/L mg/L | | FOUR/YEAR | GRAB |

^{* -} UNDERGOING FACILITY UPGRADE

SOMERVILLE MARGINAL RELIEF OUTFALL

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MA0103284 C25
PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD

YEAR

2001

DAY

TO

MO

DAY

30

FROM

MO

YEAR

2001

MINOR (SUBR E) F - FINAL

CSO 205 - MONTHLY & QUARTERLY

| | | (3 Card Only) QI | JANTITY OR | | (4 Card Only |) QUALITY | OR CONCEN | ITRATION | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|---------------------|-----------------------|------------------|---------------------|-----------------|------------------|-----------|-------------------|--------------------|---------|--------------|-------------|
| 1 | | (46-53) | (54-61) | | (38-45) | (46-53) | (54-61) | | | ANALYSIS | |
| · | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| COLIFORM, FECAL | SAMPLE MEASUREMENT | **** | ***** | ****** | | ***** | | (13) | | | |
| GENERAL EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | | REPORT MO GEO | ***** | REPORT MAXIMUM | #/100mL #/100ML | | FOUR/YEAR | GRAB |
| BYPASS OF TREATMENT | SAMPLE MEASUREMENT | ***** | С | (93) | ***** | ***** | ***** | ****** | | | |
| BYPASS OF TREATMENT | PERMIT REQUIREMENT | **** | REPORT EVENT TOT | occur/mo n | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DURATION OF | SAMPLE MEASUREMENT | ***** | С | (79) | ***** | ***** | ***** | ****** | | | |
| DISCHARGE | PERMIT REQUIREMENT | **** | CNTESTED | hours/da y | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DISCHARGE DURATION | SAMPLE MEASUREMENT | **** | | (8A) HOURS | ***** | ***** | **** | ****** | | | |
| EFFLUENT | PERMIT REQUIREMENT | **** | CNTESTED | hours | ***** | ***** | **** | | | ALL EVENTS | OCCURS |
| DISCHARGE EVENT | SAMPLE MEASUREMENT | **** | | (93) OCC/MON | ***** | ***** | ***** | ****** | | | |
| OBSERVATION | PERMIT REQUIREMENT | ***** | REPORT EVENT TOT | occur/mo n | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

SOMERVILLE MARGINAL RELIEF OUTFALL

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

YEAR

2001

DAY

MA0103284
PERMIT NUMBER

FROM

MO

YEAR

2001

C25
DISCHARGE NUMBER

DAY

30

TO

MO

MINOR (SUBR E) F - FINAL

CSO 205 - MONTHLY & QUARTERLY

| DADAMETER | | (3 Card Only) Q (| JANTITY OR | | (4 Card Only | (46-53) | Y OR LOADII | NG | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|---|-----------------------|---|------------|-----------|--------------------|--------------|--------------|-------------------------|---------|---------------------|-------------|
| PARAMETER (32-37) | | AVERAGE | MAXIMUM | UNITS | , , | AVERAGE | , , | UNITS | (62-63) | ANALYSIS (64-68) | (69-70) |
| LC50/PF STAT 24HR AC | SAMPLE MEASUREMENT | ***** | ***** | **** | | | | (23) | , , | | , , |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | | REPORT DAILY MN | ***** | ***** | PERCENT | | SEMI / ANNUAL | COMP24 |
| LC50/PF STAT 24HR AC DAPHNIA | SAMPLE MEASUREMENT | ***** | ***** | ****** | | ***** | ***** | (23) | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | | REPORT DAILY MN | ***** | ***** | PERCENT | | SEMI / ANNUAL | COMP24 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| NAME / TITLE PRINCIP | AL EXECUTIVE | FAMILIAR WITH | | ON SUBMIT | TED HEREIN; AN | D BASED ON M | Y INQUIRY OF | | | TELEPHONE | DATE |
| Michael J. Hornbrook Chief Operating Officer | | FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. | | | | | | See original signatu | | (617)788-4359 | 05/15/2001 |

FOX POINT CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MA0103284 PERMIT NUMBER MINOR (SUBR E) F - FINAL

C09 A

DISCHARGE NUMBER

F - FINAL CSO 209 - MONTHLY & QUARTERLY

| MONITORING PERIOD | | | | | | | | | |
|-------------------|----|-----|------|----|-----|--|--|--|--|
| FROM TO | | | | | | | | | |
| YEAR | MO | DAY | YEAR | MO | DAY | | | | |
| 2001 | 4 | 1 | 2001 | 4 | 30 | | | | |

| PARAMETER | | (3 Card Only) QI (46-53) | JANTITY OR (54-61) | | (4 Card Only (38-45) |) QUALITY (46-53) | OR CONCEN | ITRATION | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---------------------------------------|-----------------------|------------------------------------|-----------------------|--------------|-------------------------|-----------------------------|-------------------|--------------|---------|------------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| BOD, 5 - DAY | SAMPLE MEASUREMENT | ***** | ***** | *** | | ***** | | (19) | | | |
| (20 DEG. C) EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L mg/L | | FOUR/YEAR | COMPOS |
| PH | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (12) | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | 6.5 MINIMUM | ***** | 8.3 MAXIMUM | SU SU | | FOUR/YEAR | GRAB |
| SOLIDS, TOTAL | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (19) | | | |
| SUSPENDED EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L mg/L | | FOUR/YEAR | COMPOS |
| RAINFALL | SAMPLE MEASUREMENT | | | (61) | ***** | ***** | ***** | ****** | | | |
| EFFLUENT | PERMIT REQUIREMENT | REPORT MO TOTAL | REPORT MAXIMUM | inches | ***** | ***** | ***** | ****** | | ALL EVENTS | RCORDR |
| FLOW, WASTEWATER | SAMPLE MEASUREMENT | | | (3R) | ***** | ***** | ***** | ****** | | | |
| BYPASSING TREATMENT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | mgal mgal | ***** | ***** | ***** | ****** | | CONTINUOUS | CONTINUOUS |
| FLOW, IN CONDUIT OR THRU TREATMENT | SAMPLE MEASUREMENT | | | (03) | ***** | ***** | ***** | | | | |
| PLANT EFFLUENT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | mgd mgd | ***** | ***** | ***** | ***** | | CONTINUOUS | CONTINUOUS |
| CHLORINE, TOTAL | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (19) | | | |
| RESIDUAL EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | *** | 0.1 AVERAGE | ***** | 0.25 MAX HR RT | mg/L mg/L | | FOUR/YEAR | GRAB |

^{* -} UNDERGOING FACILITY UPGRADE

FOX POINT CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

DAY

YEAR

2001

MA0103284
PERMIT NUMBER

YEAR

2001

FROM

МО

C09 A
DISCHARGE NUMBER

DAY

30

TO

MO

MINOR (SUBR E) F - FINAL

CSO 209 - MONTHLY & QUARTERLY

| *** NO DISCHARGE | X |
|------------------|---|
| | |

| | | (3 Card Only) QI | JANTITY OR (54-61) | | (4 Card Only | y) QUALITY (46-53) | OR CONCEN | TRATION | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|----------------------------|-----------------------|-------------------------|-----------------------|-------------------|------------------|-----------------------|-------------------|-----------------|---------|---------------------|-------------|
| 1 | | AVERAGE | MAXIMUM | UNITS | , , | AVERAGE | , , | UNITS | (62-63) | ANALYSIS (64-68) | (69-70) |
| COLIFORM, FECAL GENERAL | SAMPLE MEASUREMENT | ***** | ***** | ****** | | ***** | | (13) #/100mL | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | | REPORT MO GEO | ***** | REPORT MAXIMUM | #/100ML | | FOUR/YEAR | GRAB |
| BYPASS OF TREATMENT | SAMPLE MEASUREMENT | ***** | С | (93) occur/mo | ***** | ***** | ***** | ****** | | | |
| DITAGO OF TREATMENT | PERMIT REQUIREMENT | ***** | REPORT EVENT TOT | n | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DURATION OF | SAMPLE MEASUREMENT | ***** | С | (79) hours/da | ***** | ***** | ***** | ****** | | | |
| DISCHARGE | PERMIT REQUIREMENT | ***** | CNTESTED | y y | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DISCHARGE DURATION | SAMPLE MEASUREMENT | ***** | | (8A) hours | ***** | ***** | ***** | ****** | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | CNTESTED | hours | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DISCHARGE EVENT | SAMPLE MEASUREMENT | **** | | (93) occur/mon | ***** | ***** | ***** | ****** | | | |
| OBSERVATION | PERMIT REQUIREMENT | ***** | REPORT EVENT TOT | occur/mo n | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

FOX POINT CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)
MA0103284 C09 A

MONITORING PERIOD

YEAR

2001

DAY

MA0103284 PERMIT NUMBER

YEAR

2001

FROM

МО

4

MINOR (SUBR E) F - FINAL

DISCHARGE NUMBER

DAY

30

TO

МО

4

CSO 209 - MONTHLY & QUARTERLY

*** NO DISCHARGE X ***

| PARAMETER | | (3 Card Only) QU (46-53) | JANTITY OR (54-61) | | (4 Card Only (38-45) | y) QUANTIT (46-53) | Y OR LOADII (54-61) | NG | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|-------------------------------------|--|---|--|--|-------------------------|-----------------------|------------------------|---------------|---------------|-----------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| LC50/PF STAT 24HR AC PIMPEPHALES | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | ***** | (23) | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | | REPORT DAILY MN | ***** | ***** | PERCENT | | SEMI / ANNUAL | COMP24 |
| LC50/PF STAT 24HR AC DAPHNIA | SAMPLE MEASUREMENT | ***** | ***** | ***** | | ***** | ***** | (23) | | | _ |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | | REPORT DAILY MN | ***** | ***** | 76 PERCENT | | SEMI / ANNUAL | COMP24 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| NAME / TITLE PRINCIP | AL EXECUTIVE | I CERTIFY UN | IDER PENALTY O | F LAW THA | T I HAVE PERSO | NALLY EXAMIN | IED AND AM | | | TELEPHONE | DATE |
| Michael J. Ho Chief Operating | THOSE INDIVID BELIEVE THE AWARE THAT THI | UALS IMMEDIATE SUBMITTED INFO ERE ARE SIGNIFI | ELY RESPON DRMATION IS CANT PENA | ITED HEREIN; AND BASED ON MY INQUIRY OF DNSIBLE FOR OBTAINING THE INFORMATION, I IS TRUE, ACCURATE AND COMPLETE. I AM ALTIES FOR SUBMITTING FALSE INFORMATION, Y OF FINE AND IMPRISONMENT. | | | See original f | | (617)788-4359 | 05/15/2001 | |

9-NO SAMPLING CONDUCTED THIS MONTH

COMMERCIAL POINT CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

> 100 FIRST AVE BOSTON MA 02129

FACILITY **MWRA**

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

| NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPI | DES) |
|--|------|
|--|------|

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MA0103284 PERMIT NUMBER MINOR (SUBR E)

F - FINAL

mg/L

mg/L

0.25

MAX HR RT

C11 A

DISCHARGE NUMBER

CSO 211- MONTHLY & QUARTERLY

*** NO DISCHARGE X ***

| MONITORING PERIOD | | | | | | | | | |
|-------------------|----|-----|------|----|-----|--|--|--|--|
| FROM TO | | | | | | | | | |
| YEAR | MO | DAY | YEAR | MO | DAY | | | | |
| 2001 | 4 | 1 | 2001 | 4 | 30 | | | | |

| | | (3 Card Only) QI | | | ` | , | OR CONCEN | ITRATION | NO. EX | FREQUENCY OF | SAMPLE TYPE |
|---------------------------------------|-----------------------|--------------------|-----------------------|--------------|-------------------|---------|-------------------|--------------|---------|--------------|-------------|
| PARAMETER | | (46-53) | (54-61) | ı | (38-45) | (46-53) | (54-61) | | | ANALYSIS | |
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| BOD, 5 - DAY | SAMPLE MEASUREMENT | ***** | ***** | *** | | ***** | | (19) | | | |
| (20 DEG. C) EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L | | FOUR/YEAR | COMPOS |
| PH | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (12) SU | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | 6.5 MINIMUM | ***** | 8.3 MAXIMUM | SU | | FOUR/YEAR | GRAB |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (19) mg/L | | | |
| EFFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** | REPORT AVERAGE | ***** | REPORT MAXIMUM | mg/L | | FOUR/YEAR | COMPOS |
| RAINFALL | SAMPLE MEASUREMENT | | | (61) | ***** | ***** | ***** | ****** | | | |
| EFFLUENT | PERMIT REQUIREMENT | REPORT MO TOTAL | REPORT MAXIMUM | inches | ***** | ***** | ***** | | | ALL EVENTS | RCORDR |
| FLOW, WASTEWATER | SAMPLE MEASUREMENT | | | (3R) | ***** | ***** | ***** | ****** | | | |
| BYPASSING TREATMENT PLANT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | mgal mgal | ***** | ***** | ***** | | | CONTINUOUS | CONTINUOUS |
| FLOW, IN CONDUIT OR THRU TREATMENT | SAMPLE MEASUREMENT | | | (03) | ***** | ***** | ***** | ****** | | | |
| PLANT EFFLUENT | PERMIT REQUIREMENT | CNTESTED MO AVG | CNTESTED DAILY MAX | mgd mgd | ***** | ***** | ***** | | | CONTINUOUS | CONTINUOUS |
| CHLORINE, TOTAL | SAMPLE MEASUREMENT | ***** | ***** | **** | | ***** | | (19) mg/L | | | |
| RESHARI | | | | 1 | | | | HIICI/L | | | |

0.1

AVERAGE

RESIDUAL

EFFLUENT

FOUR/YEAR

PERMIT

REQUIREMENT

^{* -} UNDERGOING FACILITY UPGRADE

COMMERCIAL POINT CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

DAY

YEAR

2001

MA0103284 PERMIT NUMBER

YEAR

2001

FROM

МО

C11 A
DISCHARGE NUMBER

DAY

30

TO

MO

MINOR (SUBR E) F - FINAL

CSO 211 - MONTHLY & QUARTERLY

| *** NO DISCHARGE | X | ** |
|------------------|---|----|
|------------------|---|----|

| | (3 Card Only) QUANTITY OR | | | (4 Card Only) QUALITY OR CONCENTRATION | | | | NO. EX | FREQUENCY OF | SAMPLE TYPE | |
|--|---------------------------|---------|---------------------|--|------------------|---------|-------------------|----------------------------|--------------|-------------|---------|
| 1 | | (46-53) | (54-61) | | (38-45) | (46-53) | (54-61) | | | ANALYSIS | |
| · | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| COLIFORM, FECAL GENERAL EFFLUENT | SAMPLE MEASUREMENT | **** | ***** | ****** | | ***** | | (13) #/100mL #/100ML | | | |
| | PERMIT REQUIREMENT | **** | ***** | | REPORT MO GEO | ***** | REPORT MAXIMUM | | | FOUR/YEAR | GRAB |
| BYPASS OF TREATMENT | SAMPLE MEASUREMENT | ***** | С | (93) | ***** | ***** | ***** | ***** | | | |
| | PERMIT REQUIREMENT | **** | REPORT EVENT TOT | occur/mo n | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DURATION OF DISCHARGE | SAMPLE MEASUREMENT | **** | С | (79) hours/da y | ***** | ***** | ***** | **** | | | |
| | PERMIT REQUIREMENT | **** | CNTESTED | | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DISCHARGE DURATION EFFLUENT | SAMPLE MEASUREMENT | **** | | (8A) hours hours | ***** | ***** | ***** | ***** | | | |
| | PERMIT REQUIREMENT | **** | CNTESTED | | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| DISCHARGE EVENT OBSERVATION | SAMPLE MEASUREMENT | **** | | (93) occur/mon | ***** | ***** | **** | ***** | | | |
| | PERMIT REQUIREMENT | ***** | REPORT EVENT TOT | occur/mo n | ***** | ***** | ***** | | | ALL EVENTS | OCCURS |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | l | I | | 1 | | | | | |

COMMERCIAL POINT CSO

PERMITTEE NAME / ADDRESS

NAME MWRA

ADDRESS CHARLESTOWN NAVY YARD

100 FIRST AVE

BOSTON MA 02129

FACILITY MWRA

LOCATION BOSTON MA 02129

ATTN: Michael Hornbrook

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

APRIL 2001 - DISCHARGE MONITORING REPORT (DMR)
MA0103284 C11 A

MONITORING PERIOD

DAY

YEAR

2001

MA0103284 PERMIT NUMBER

YEAR

2001

FROM

MO

4

MINOR (SUBR E) F - FINAL

DISCHARGE NUMBER

DAY

30

TO

MO

4

CSO 211 - MONTHLY & QUARTERLY

*** NO DISCHARGE X ***

| PARAMETER | | (3 Card Only) QUANTITY OR (46-53) (54-61) | | | (4 Card Only) QUANTITY OR LOADING (38-45) (46-53) (54-61) | | | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|-----------------------|---|---------|--------|--|---------|---------|----------------------|---------|-----------------------|-------------|
| (32-37) | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | (62-63) | (64-68) | (69-70) |
| LC50/PF STAT 24HR AC U CERICDAPHNIA EFFLUENT | SAMPLE MEASUREMENT | ***** | ***** | ****** | | ***** | ***** | (23) % PERCENT | | | |
| | PERMIT REQUIREMENT | **** | ***** | | REPORT DAILY MN | ***** | ***** | | | SEMI / ANNUAL | COMP24 |
| LC50/PF STAT 24HR AC U D. PULEX EFFLUENT | SAMPLE MEASUREMENT | ***** | ***** | ***** | | ***** | ***** | (23) % PERCENT | | | |
| | PERMIT REQUIREMENT | ***** | ***** | | REPORT DAILY MN | ***** | ***** | | | SEMI / ANNUAL | COMP24 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| NAME / TITLE PRINCIPAL EXECUTIVE | | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM | | | | | | | · | TELEPHONE | DATE |
| Michael F. Hornbrook Chief Operating Officer | | FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. | | | | | | | | (617)788-4359 | 05/15/2001 |

9-NO SAMPLING CONDUCTED THIS MONTH Page 3 of 3