

**DMR Copy of Record**

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| <b>Permit</b>                                     |  | <b>Permittee:</b> MASSPORT AUTHORITY - LOGAN                                      |  | <b>Facility:</b> LOGAN INTERNATIONAL AIRPORT                                   |  |
| <b>Permit #:</b> MA0000787                        |  | <b>Permittee Address:</b> ONE HARBORSIDE DV., SUITE 200S<br>BOSTON, MA 02128-2909 |  | <b>Facility Location:</b> ONE HARBORSIDE DRIVE, SUITE 200S<br>BOSTON, MA 02128 |  |
| <b>Major:</b> No                                  |  |   |  |  |  |
| <b>Permitted Feature:</b> 001<br>External Outfall |  | <b>Discharge:</b> 001-A<br>NORTH OUTFALL - STORMWATER                             |  |  |  |

|   |                               |                                 |  |  |  |
|---|-------------------------------|---------------------------------|--|--|--|
| <b>Report Dates &amp; Status</b>                    |                               |                                 |  |  |  |
| <b>Monitoring Period:</b> From 04/01/16 to 04/30/16 | <b>DMR Due Date:</b> 05/15/16 | <b>Status:</b> NetDMR Validated |  |  |  |

**Considerations for Form Completion**

|                                    |               |                   |
|------------------------------------|---------------|-------------------|
| <b>Principal Executive Officer</b> |               |                   |
| <b>First Name:</b>                 | <b>Title:</b> | <b>Telephone:</b> |
| <b>Last Name:</b>                  |               |                   |

**No Data Indicator (NODI)**  
Form NODI: --

| Code    | Parameter Name          | Monitoring Location | Season # | Param. NODI | Quantity or Loading |         |                  |           |                  | Quality or Concentration |                  |             |           |                | # of Ex.       | Frequency of Analysis | Sample Type |                 |                 |                 |             |
|---------|-------------------------|---------------------|----------|-------------|---------------------|---------|------------------|-----------|------------------|--------------------------|------------------|-------------|-----------|----------------|----------------|-----------------------|-------------|-----------------|-----------------|-----------------|-------------|
|         |                         |                     |          |             | Qualifier 1         | Value 1 | Qualifier 2      | Value 2   | Units            | Qualifier 1              | Value 1          | Qualifier 2 | Value 2   | Qualifier 3    |                |                       |             | Value 3         | Units           |                 |             |
| 00056   | Flow rate               | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 0.5              | =         | 5.5              | 03 - MGD                 |                  |             |           |                |                |                       |             | 01/30 - Monthly | ES - ESTIMA     |                 |             |
|         |                         |                     |          |             | Permit Req.         |         | Req Mon MO AVG   |           | Req Mon DAILY MX | 03 - MGD                 |                  |             |           |                |                |                       |             |                 |                 | 01/30 - Monthly | ES - ESTIMA |
|         |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |           |                |                |                       |             |                 |                 |                 |             |
| X 00400 | pH                      | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 5.5              |           |                  |                          | =                | 5.5         |           |                | 12 - SU        |                       |             | 01/30 - Monthly | GR - GRAB       |                 |             |
|         |                         |                     |          |             | Permit Req.         |         | >=               | 6 MINIMUM |                  |                          | <=               | 8.5 MAXIMUM |           |                | 12 - SU        |                       |             |                 |                 | 01/30 - Monthly | GR - GRAB   |
|         |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |           |                |                |                       |             |                 |                 |                 |             |
| 00530   | Solids, total suspended | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 17               |           |                  |                          | =                | 17          |           |                | 19 - mg/L      |                       |             | 01/30 - Monthly | GR - GRAB       |                 |             |
|         |                         |                     |          |             | Permit Req.         |         | Req Mon MO AVG   |           | <=               | 100 DAILY MX             |                  |             | 19 - mg/L |                |                |                       |             |                 | 01/30 - Monthly | GR - GRAB       |             |
|         |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |           |                |                |                       |             |                 |                 |                 |             |
| 00556   | Oil & Grease            | 1 - Effluent Gross  | 0        | --          | Sample              |         |                  |           |                  |                          | <                | 4           |           |                | 19 - mg/L      |                       |             | 01/30 - Monthly | GR - GRAB       |                 |             |
|         |                         |                     |          |             | Permit Req.         |         |                  |           |                  |                          | <=               | 15 DAILY MX |           |                | 19 - mg/L      |                       |             |                 |                 | 01/30 - Monthly | GR - GRAB   |
|         |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |           |                |                |                       |             |                 |                 |                 |             |
| 34030   | Benzene                 | 1 - Effluent Gross  | 0        | --          | Sample              |         |                  |           |                  |                          | <                | 1           |           |                | 28 - ug/L      |                       |             | 01/30 - Monthly | GR - GRAB       |                 |             |
|         |                         |                     |          |             | Permit Req.         |         | Req Mon MO AVG   |           |                  |                          | Req Mon DAILY MX |             |           | 28 - ug/L      |                |                       |             |                 |                 | 01/30 - Monthly | GR - GRAB   |
|         |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |           |                |                |                       |             |                 |                 |                 |             |
| 38260   | Surfactants [MBAS]      | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 0.13             |           |                  |                          | =                | 0.13        |           |                | 19 - mg/L      |                       |             | 01/30 - Monthly | GR - GRAB       |                 |             |
|         |                         |                     |          |             | Permit Req.         |         | Req Mon MO AVG   |           |                  |                          | Req Mon DAILY MX |             |           | 19 - mg/L      |                |                       |             |                 |                 | 01/30 - Monthly | GR - GRAB   |
|         |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |           |                |                |                       |             |                 |                 |                 |             |
| 61211   | Enterococci             | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 80               |           |                  |                          | =                | 80          |           |                | 3Z - CFU/100mL |                       |             | 01/30 - Monthly | GR - GRAB       |                 |             |
|         |                         |                     |          |             | Permit Req.         |         | Req Mon MOAV GEO |           |                  |                          | Req Mon DAILY MX |             |           | 3Z - CFU/100mL |                |                       |             |                 |                 | 01/30 - Monthly | GR - GRAB   |
|         |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |           |                |                |                       |             |                 |                 |                 |             |
| 74055   | Coliform, fecal general | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 210              |           |                  |                          | =                | 210         |           |                | 3Z - CFU/100mL |                       |             | 01/30 - Monthly | GR - GRAB       |                 |             |
|         |                         |                     |          |             | Permit Req.         |         | Req Mon MOAV GEO |           |                  |                          | Req Mon DAILY MX |             |           | 3Z - CFU/100mL |                |                       |             |                 |                 | 01/30 - Monthly | GR - GRAB   |
|         |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |           |                |                |                       |             |                 |                 |                 |             |

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

| Parameter Code | Name | Monitoring Location | Field                                   | Type | Description  | Acknowledge |
|----------------|------|---------------------|---|------|--|-------------|
| 00400          | pH   | 1 - Effluent Gross  | Quality or Concentration Sample Value 1 | Soft | The provided sample value is outside the permit limit. (Error Code: 1) | Yes         |

**Comments**  
Please see the attached April 2016 monitoring report.

**Attachments**

| Name                               | Type | Size   |
|------------------------------------|------|--------|
| April2016NPDESMonitoringReport.pdf | pdf  | 105295 |

**Report Last Saved By**  
MASSPORT AUTHORITY - LOGAN

|         |                     |            |                                      |
|---------|---------------------|------------|--------------------------------------|
| User:   | rjoyce@massport.com | Date/Time: | 2016-05-13 10:38 (Time Zone: -04:00) |
| Name:   | Rosanne Joyce       |            |                                      |
| E-Mail: | rjoyce@massport.com |            |                                      |

## DMR Copy of Record

| Permit             |                         |                    |   |
|--------------------|-------------------------|--------------------|---|
| Permit #:          | MA0000787               | Permittee:         | MASSPORT AUTHORITY - LOGAN                              |
| Major:             | No                      | Permittee Address: | ONE HARBORSIDE DV., SUITE 200S<br>BOSTON, MA 02128-2909 |
| Permitted Feature: | 001<br>External Outfall | Discharge:         | 001-C<br>North Dry                                      |
| Facility:          |                         | Facility:          | LOGAN INTERNATIONAL AIRPORT                             |
|                    |                         | Facility Location: | ONE HARBORSIDE DRIVE, SUITE 200S<br>BOSTON, MA 02128    |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 04/01/16 to 04/30/16 | DMR Due Date: | 05/15/16 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

### Principal Executive Officer

|             |  |        |  |            |  |
|-------------|--|--------|--|------------|--|
| First Name: |  | Title: |  | Telephone: |  |
| Last Name:  |  |        |  |            |  |

### No Data Indicator (NODI)

Form NODI: --

| Code  | Parameter Name          | Monitoring Location | Season # | Param. NODI | Quantity or Loading |         |             |         | Quality or Concentration |             |         |             | # of Ex. | Frequency of Analysis | Sample Type |                |                 |           |       |  |
|-------|-------------------------|---------------------|----------|-------------|---------------------|---------|-------------|---------|--------------------------|-------------|---------|-------------|----------|-----------------------|-------------|----------------|-----------------|-----------|-------|--|
|       |                         |                     |          |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units                    | Qualifier 1 | Value 1 | Qualifier 2 |          |                       |             | Value 2        | Qualifier 3     | Value 3   | Units |  |
| 00530 | Solids, total suspended | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          | =           | 19      |             |          | =                     | 19          | 19 - mg/L      | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
| 00556 | Oil & Grease            | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          |             |         |             |          | <                     | 4           | 19 - mg/L      | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
| 34030 | Benzene                 | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          | <           | 1       |             |          | <                     | 1           | 28 - ug/L      | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
| 38260 | Surfactants [MBAS]      | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          | =           | 0.09    |             |          | =                     | 0.09        | 19 - mg/L      | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
| 61211 | Enterococci             | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          | =           | 420     |             |          | =                     | 420         | 3Z - CFU/100mL | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
| 74055 | Coliform, fecal general | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          | =           | 450     |             |          | =                     | 450         | 3Z - CFU/100mL | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

MASSPORT AUTHORITY - LOGAN

User: rjoyce@massport.com

Date/Time:

2016-05-13 10:39 (Time Zone: -04:00)

Name: Rosanne Joyce

E-Mail: rjoyce@massport.com

**DMR Copy of Record**

|                    |                         |                    |   |
|--------------------|-------------------------|--------------------|---|
| <b>Permit</b>      |                         |                    |   |
| Permit #:          | MA0000787               | Permittee:         | MASSPORT AUTHORITY - LOGAN  |
| Major:             | No                      | Permittee Address: | ONE HARBORSIDE DV., SUITE 200S<br>BOSTON, MA 02128-2909                             |
| Permitted Feature: | 002<br>External Outfall | Discharge:         | 002-A<br>WEST OUTFALL - STORMWATER  |
| Facility:          |                         | Facility Location: | LOGAN INTERNATIONAL AIRPORT<br>ONE HARBORSIDE DRIVE, SUITE 200S<br>BOSTON, MA 02128 |

|                                  |                           |               |          |
|----------------------------------|---------------------------|---------------|----------|
| <b>Report Dates &amp; Status</b> |                           |               |          |
| Monitoring Period:               | From 04/01/16 to 04/30/16 | DMR Due Date: | 05/15/17 |
| Status:                          | NetDMR Validated          |               |          |

**Considerations for Form Completion**

|                                    |  |            |  |
|------------------------------------|--|------------|--|
| <b>Principal Executive Officer</b> |  |            |  |
| First Name:                        |  | Title:     |  |
| Last Name:                         |  | Telephone: |  |

**No Data Indicator (NODI)**  
Form NODI: --

| Code  | Parameter Name          | Monitoring Location | Season # | Param. NODI | Quantity or Loading |         |                  |           |                  | Quality or Concentration |                  |             |         |                | # of Ex.        | Frequency of Analysis | Sample Type     |             |
|-------|-------------------------|---------------------|----------|-------------|---------------------|---------|------------------|-----------|------------------|--------------------------|------------------|-------------|---------|----------------|-----------------|-----------------------|-----------------|-------------|
|       |                         |                     |          |             | Qualifier 1         | Value 1 | Qualifier 2      | Value 2   | Units            | Qualifier 1              | Value 1          | Qualifier 2 | Value 2 | Qualifier 3    |                 |                       |                 | Value 3     |
| 00056 | Flow rate               | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 1.1              | =         | 10.3             | 03 - MGD                 |                  |             |         |                |                 |                       | 01/30 - Monthly | ES - ESTIMA |
|       |                         |                     |          |             | Permit Req.         |         | Req Mon MO AVG   |           | Req Mon DAILY MX | 03 - MGD                 |                  |             |         |                |                 |                       | 01/30 - Monthly | ES - ESTIMA |
|       |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |         |                |                 |                       |                 |             |
| 00400 | pH                      | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 6.55             |           |                  |                          | =                | 6.55        |         |                | 12 - SU         | 01/30 - Monthly       | GR - GRAB       |             |
|       |                         |                     |          |             | Permit Req.         |         | >=               | 6 MINIMUM |                  |                          | <=               | 8.5 MAXIMUM |         |                | 12 - SU         | 01/30 - Monthly       | GR - GRAB       |             |
|       |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |         |                |                 |                       |                 |             |
| 00530 | Solids, total suspended | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 35               |           |                  |                          | =                | 35          |         |                | 19 - mg/L       | 01/30 - Monthly       | GR - GRAB       |             |
|       |                         |                     |          |             | Permit Req.         |         | Req Mon MO AVG   |           |                  | <=                       | 100 DAILY MX     |             |         | 19 - mg/L      | 01/30 - Monthly | GR - GRAB             |                 |             |
|       |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |         |                |                 |                       |                 |             |
| 00556 | Oil & Grease            | 1 - Effluent Gross  | 0        | --          | Sample              |         |                  |           |                  |                          | <                | 4           |         |                | 19 - mg/L       | 01/30 - Monthly       | GR - GRAB       |             |
|       |                         |                     |          |             | Permit Req.         |         |                  |           |                  |                          | <=               | 15 DAILY MX |         |                | 19 - mg/L       | 01/30 - Monthly       | GR - GRAB       |             |
|       |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |         |                |                 |                       |                 |             |
| 34030 | Benzene                 | 1 - Effluent Gross  | 0        | --          | Sample              |         |                  |           |                  |                          | <                | 1           |         |                | 28 - ug/L       | 01/30 - Monthly       | GR - GRAB       |             |
|       |                         |                     |          |             | Permit Req.         |         | Req Mon MO AVG   |           |                  |                          | Req Mon DAILY MX |             |         | 28 - ug/L      | 01/30 - Monthly | GR - GRAB             |                 |             |
|       |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |         |                |                 |                       |                 |             |
| 38260 | Surfactants [MBAS]      | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 0.17             |           |                  |                          | =                | 0.17        |         |                | 19 - mg/L       | 01/30 - Monthly       | GR - GRAB       |             |
|       |                         |                     |          |             | Permit Req.         |         | Req Mon MO AVG   |           |                  |                          | Req Mon DAILY MX |             |         | 19 - mg/L      | 01/30 - Monthly | GR - GRAB             |                 |             |
|       |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |         |                |                 |                       |                 |             |
| 61211 | Enterococci             | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 80               |           |                  |                          | =                | 80          |         |                | 3Z - CFU/100mL  | 01/30 - Monthly       | GR - GRAB       |             |
|       |                         |                     |          |             | Permit Req.         |         | Req Mon MOAV GEO |           |                  |                          | Req Mon DAILY MX |             |         | 3Z - CFU/100mL | 01/30 - Monthly | GR - GRAB             |                 |             |
|       |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |         |                |                 |                       |                 |             |
| 74055 | Coliform, fecal general | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 160              |           |                  |                          | =                | 160         |         |                | 3Z - CFU/100mL  | 01/30 - Monthly       | GR - GRAB       |             |
|       |                         |                     |          |             | Permit Req.         |         | Req Mon MOAV GEO |           |                  |                          | Req Mon DAILY MX |             |         | 3Z - CFU/100mL | 01/30 - Monthly | GR - GRAB             |                 |             |
|       |                         |                     |          |             | Value NODI          |         |                  |           |                  |                          |                  |             |         |                |                 |                       |                 |             |

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
MASSPORT AUTHORITY - LOGAN

|         |                     |            |                                      |
|---------|---------------------|------------|--------------------------------------|
| User:   | rjoyce@massport.com | Date/Time: | 2016-05-13 10:40 (Time Zone: -04:00) |
| Name:   | Rosanne Joyce       |            |                                      |
| E-Mail: | rjoyce@massport.com |            |                                      |

## DMR Copy of Record

| Permit             |                         |                    |   |
|--------------------|-------------------------|--------------------|---|
| Permit #:          | MA0000787               | Permittee:         | MASSPORT AUTHORITY - LOGAN                              |
| Major:             | No                      | Permittee Address: | ONE HARBORSIDE DV., SUITE 200S<br>BOSTON, MA 02128-2909 |
| Permitted Feature: | 002<br>External Outfall | Discharge:         | 002-C<br>West Dry                                       |
| Facility:          |                         | Facility:          | LOGAN INTERNATIONAL AIRPORT                             |
|                    |                         | Facility Location: | ONE HARBORSIDE DRIVE, SUITE 200S<br>BOSTON, MA 02128    |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 04/01/16 to 04/30/16 | DMR Due Date: | 05/15/16 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

### Principal Executive Officer

|             |  |        |  |            |  |
|-------------|--|--------|--|------------|--|
| First Name: |  | Title: |  | Telephone: |  |
| Last Name:  |  |        |  |            |  |

### No Data Indicator (NODI)

Form NODI: --

| Code  | Parameter Name          | Monitoring Location | Season # | Param. NODI | Quantity or Loading |         |             |         | Quality or Concentration |             |         |             | # of Ex. | Frequency of Analysis | Sample Type |                |                 |           |       |  |
|-------|-------------------------|---------------------|----------|-------------|---------------------|---------|-------------|---------|--------------------------|-------------|---------|-------------|----------|-----------------------|-------------|----------------|-----------------|-----------|-------|--|
|       |                         |                     |          |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units                    | Qualifier 1 | Value 1 | Qualifier 2 |          |                       |             | Value 2        | Qualifier 3     | Value 3   | Units |  |
| 00530 | Solids, total suspended | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          | =           | 18      |             |          | =                     | 18          | 19 - mg/L      | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
| 00556 | Oil & Grease            | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          |             |         |             |          | <                     | 4           | 19 - mg/L      | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
| 34030 | Benzene                 | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          | <           | 1       |             |          | <                     | 1           | 28 - ug/L      | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
| 38260 | Surfactants [MBAS]      | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          | =           | 0.06    |             |          | =                     | 0.06        | 19 - mg/L      | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
| 61211 | Enterococci             | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          | =           | 10      |             |          | =                     | 10          | 3Z - CFU/100mL | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
| 74055 | Coliform, fecal general | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                          | =           | 130     |             |          | =                     | 130         | 3Z - CFU/100mL | 01/30 - Monthly | GR - GRAB |       |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |                          |             |         |             |          |                       |             |                |                 |           |       |  |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

MASSPORT AUTHORITY - LOGAN

User: rjoyce@massport.com

Date/Time:

2016-05-13 10:40 (Time Zone: -04:00)

Name: Rosanne Joyce

E-Mail: rjoyce@massport.com

**DMR Copy of Record**

|                    |                         |                    |   |
|--------------------|-------------------------|--------------------|---|
| <b>Permit</b>      |                         |                    |   |
| Permit #:          | MA0000787               | Permittee:         | MASSPORT AUTHORITY - LOGAN  |
| Major:             | No                      | Permittee Address: | ONE HARBORSIDE DV., SUITE 200S<br>BOSTON, MA 02128-2909                             |
| Permitted Feature: | 003<br>External Outfall | Discharge:         | 003-A<br>PORTER ST OUTFALL - STORMWATER   |
| Facility:          |                         | Facility Location: | LOGAN INTERNATIONAL AIRPORT<br>ONE HARBORSIDE DRIVE, SUITE 200S<br>BOSTON, MA 02128 |

|                                  |                           |               |          |
|----------------------------------|---------------------------|---------------|----------|
| <b>Report Dates &amp; Status</b> |                           |               |          |
| Monitoring Period:               | From 04/01/16 to 04/30/16 | DMR Due Date: | 05/15/16 |
| Status:                          | NetDMR Validated          |               |          |

**Considerations for Form Completion**  
effective 5 months after 10-1-07.

|                                    |  |            |  |
|------------------------------------|--|------------|--|
| <b>Principal Executive Officer</b> |  |            |  |
| First Name:                        |  | Title:     |  |
| Last Name:                         |  | Telephone: |  |

**No Data Indicator (NODI)**  
Form NODI: --

| Code  | Parameter Name          | Monitoring Location | Season # | Param. NODI | Quantity or Loading |         |                |           |                  | Quality or Concentration |         |             |         |             | # of Ex.       | Frequency of Analysis | Sample Type |                 |             |                 |             |
|-------|-------------------------|---------------------|----------|-------------|---------------------|---------|----------------|-----------|------------------|--------------------------|---------|-------------|---------|-------------|----------------|-----------------------|-------------|-----------------|-------------|-----------------|-------------|
|       |                         |                     |          |             | Qualifier 1         | Value 1 | Qualifier 2    | Value 2   | Units            | Qualifier 1              | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 |                |                       |             | Value 3         | Units       |                 |             |
| 00056 | Flow rate               | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 0.2            | =         | 1.4              | 03 - MGD                 |         |             |         |             |                |                       |             | 01/30 - Monthly | ES - ESTIMA |                 |             |
|       |                         |                     |          |             | Permit Req.         |         | Req Mon MO AVG |           | Req Mon DAILY MX | 03 - MGD                 |         |             |         |             |                |                       |             |                 |             | 01/30 - Monthly | ES - ESTIMA |
|       |                         |                     |          |             | Value NODI          |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             |                 |             |
| 00400 | pH                      | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 7              |           |                  |                          | =       | 7.62        |         |             | 12 - SU        |                       |             | 01/30 - Monthly | GR - GRAB   |                 |             |
|       |                         |                     |          |             | Permit Req.         |         | >=             | 6 MINIMUM |                  |                          | <=      | 8.5 MAXIMUM |         |             | 12 - SU        |                       |             |                 |             | 01/30 - Monthly | GR - GRAB   |
|       |                         |                     |          |             | Value NODI          |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             |                 |             |
| 00530 | Solids, total suspended | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 12             |           |                  |                          | =       | 22          |         |             | 19 - mg/L      |                       |             | 01/30 - Monthly | GR - GRAB   |                 |             |
|       |                         |                     |          |             | Permit Req.         |         |                |           |                  |                          |         |             |         |             | 19 - mg/L      |                       |             |                 |             | 01/30 - Monthly | GR - GRAB   |
|       |                         |                     |          |             | Value NODI          |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             |                 |             |
| 00556 | Oil & Grease            | 1 - Effluent Gross  | 0        | --          | Sample              |         |                |           |                  |                          | <       | 4           |         |             | 19 - mg/L      |                       |             | 01/30 - Monthly | GR - GRAB   |                 |             |
|       |                         |                     |          |             | Permit Req.         |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             | 01/30 - Monthly | GR - GRAB   |
|       |                         |                     |          |             | Value NODI          |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             |                 |             |
| 34030 | Benzene                 | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 0              |           |                  |                          | <       | 1           |         |             | 28 - ug/L      |                       |             | 01/30 - Monthly | GR - GRAB   |                 |             |
|       |                         |                     |          |             | Permit Req.         |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             | 01/30 - Monthly | GR - GRAB   |
|       |                         |                     |          |             | Value NODI          |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             |                 |             |
| 38260 | Surfactants [MBAS]      | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 0.12           |           |                  |                          | =       | 0.19        |         |             | 19 - mg/L      |                       |             | 01/30 - Monthly | GR - GRAB   |                 |             |
|       |                         |                     |          |             | Permit Req.         |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             | 01/30 - Monthly | GR - GRAB   |
|       |                         |                     |          |             | Value NODI          |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             |                 |             |
| 61211 | Enterococci             | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 34             |           |                  |                          | =       | 800         |         |             | 3Z - CFU/100mL |                       |             | 01/30 - Monthly | GR - GRAB   |                 |             |
|       |                         |                     |          |             | Permit Req.         |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             | 01/30 - Monthly | GR - GRAB   |
|       |                         |                     |          |             | Value NODI          |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             |                 |             |
| 74055 | Coliform, fecal general | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 26             |           |                  |                          | =       | 610         |         |             | 3Z - CFU/100mL |                       |             | 01/30 - Monthly | GR - GRAB   |                 |             |
|       |                         |                     |          |             | Permit Req.         |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             | 01/30 - Monthly | GR - GRAB   |
|       |                         |                     |          |             | Value NODI          |         |                |           |                  |                          |         |             |         |             |                |                       |             |                 |             |                 |             |

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
MASSPORT AUTHORITY - LOGAN

|         |                     |            |                                      |
|---------|---------------------|------------|--------------------------------------|
| User:   | rjoyce@massport.com | Date/Time: | 2016-05-13 10:40 (Time Zone: -04:00) |
| Name:   | Rosanne Joyce       |            |                                      |
| E-Mail: | rjoyce@massport.com |            |                                      |

## DMR Copy of Record

| Permit             |                         |                    |   |
|--------------------|-------------------------|--------------------|---|
| Permit #:          | MA0000787               | Permittee:         | MASSPORT AUTHORITY - LOGAN                              |
| Major:             | No                      | Permittee Address: | ONE HARBORSIDE DV., SUITE 200S<br>BOSTON, MA 02128-2909 |
| Permitted Feature: | 003<br>External Outfall | Discharge:         | 003-C<br>Porter Street Dry                              |
| Facility:          |                         | Facility:          | LOGAN INTERNATIONAL AIRPORT                             |
|                    |                         | Facility Location: | ONE HARBORSIDE DRIVE, SUITE 200S<br>BOSTON, MA 02128    |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 04/01/16 to 04/30/16 | DMR Due Date: | 05/15/16 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

### Principal Executive Officer

|             |  |        |  |            |  |
|-------------|--|--------|--|------------|--|
| First Name: |  | Title: |  | Telephone: |  |
| Last Name:  |  |        |  |            |  |

### No Data Indicator (NODI)

Form NODI: --

| Code  | Parameter Name          | Monitoring Location | Season # | Param. NODI | Quantity or Loading |         |             |         |       | Quality or Concentration |         |             |         |             | # of Ex. | Frequency of Analysis | Sample Type     |                 |           |  |  |
|-------|-------------------------|---------------------|----------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|---------|-------------|---------|-------------|----------|-----------------------|-----------------|-----------------|-----------|--|--|
|       |                         |                     |          |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1              | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 |          |                       |                 | Value 3         | Units     |  |  |
| 00530 | Solids, total suspended | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       | =                        | 9       |             |         |             | =        | 15                    | 19 - mg/L       | 01/30 - Monthly | GR - GRAB |  |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |
| 00556 | Oil & Grease            | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          |         |             |         | =           | 5.6      | 19 - mg/L             | 01/30 - Monthly | GR - GRAB       |           |  |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |
| 34030 | Benzene                 | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       | =                        | 0       |             |         |             | <        | 1                     | 28 - ug/L       | 01/30 - Monthly | GR - GRAB |  |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |
| 38260 | Surfactants [MBAS]      | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       | =                        | 0.167   |             |         |             | =        | 0.24                  | 19 - mg/L       | 01/30 - Monthly | GR - GRAB |  |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |
| 61211 | Enterococci             | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       | =                        | 13      |             |         |             | =        | 120                   | 3Z - CFU/100mL  | 01/30 - Monthly | GR - GRAB |  |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |
| 74055 | Coliform, fecal general | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       | =                        | 1       |             |         |             | <        | 10                    | 3Z - CFU/100mL  | 01/30 - Monthly | GR - GRAB |  |  |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |                 |                 |           |  |  |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

MASSPORT AUTHORITY - LOGAN

User: rjoyce@massport.com

Date/Time:

2016-05-13 10:41 (Time Zone: -04:00)

Name: Rosanne Joyce

E-Mail: rjoyce@massport.com

## DMR Copy of Record

| Permit             |                         |                    |   |
|--------------------|-------------------------|--------------------|---|
| Permit #:          | MA0000787               | Permittee:         | MASSPORT AUTHORITY - LOGAN                              |
| Major:             | No                      | Permittee Address: | ONE HARBORSIDE DV., SUITE 200S<br>BOSTON, MA 02128-2909 |
| Permitted Feature: | 004<br>External Outfall | Discharge:         | 004-C<br>Maverick Street Dry                            |
| Facility:          |                         | Facility:          | LOGAN INTERNATIONAL AIRPORT                             |
|                    |                         | Facility Location: | ONE HARBORSIDE DRIVE, SUITE 200S<br>BOSTON, MA 02128    |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 04/01/16 to 04/30/16 | DMR Due Date: | 05/15/16 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

### Principal Executive Officer

|             |  |        |  |            |  |
|-------------|--|--------|--|------------|--|
| First Name: |  | Title: |  | Telephone: |  |
| Last Name:  |  |        |  |            |  |

### No Data Indicator (NODI)

Form NODI: --

| Code  | Parameter Name          | Monitoring Location | Season # | Param. NODI | Quantity or Loading |         |             |         |       | Quality or Concentration |         |             |         |              | # of Ex.         | Frequency of Analysis | Sample Type     |           |
|-------|-------------------------|---------------------|----------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|---------|-------------|---------|--------------|------------------|-----------------------|-----------------|-----------|
|       |                         |                     |          |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1              | Value 1 | Qualifier 2 | Value 2 | Qualifier 3  |                  |                       |                 | Value 3   |
| 00530 | Solids, total suspended | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       | =                        | 6.4     |             |         | =            | 6.4              | 19 - mg/L             | 01/30 - Monthly | GR - GRAB |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             | <=      | 100 DAILY MX | 19 - mg/L        | 01/30 - Monthly       | GR - GRAB       |           |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |              |                  |                       |                 |           |
| 00556 | Oil & Grease            | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          |         |             | <       | 4            | 19 - mg/L        | 01/30 - Monthly       | GR - GRAB       |           |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             | <=      | 15 DAILY MX  | 19 - mg/L        | 01/30 - Monthly       | GR - GRAB       |           |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |              |                  |                       |                 |           |
| 34030 | Benzene                 | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       | <                        | 1       |             |         | <            | 1                | 28 - ug/L             | 01/30 - Monthly | GR - GRAB |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |              | Req Mon DAILY MX | 28 - ug/L             | 01/30 - Monthly | GR - GRAB |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |              |                  |                       |                 |           |
| 38260 | Surfactants [MBAS]      | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       | =                        | 0.05    |             |         | =            | 0.05             | 19 - mg/L             | 01/30 - Monthly | GR - GRAB |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |              | Req Mon DAILY MX | 19 - mg/L             | 01/30 - Monthly | GR - GRAB |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |              |                  |                       |                 |           |
| 61211 | Enterococci             | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       | =                        | 360     |             |         | =            | 360              | 3Z - CFU/100mL        | 01/30 - Monthly | GR - GRAB |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |              | Req Mon DAILY MX | 3Z - CFU/100mL        | 01/30 - Monthly | GR - GRAB |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |              |                  |                       |                 |           |
| 74055 | Coliform, fecal general | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       | =                        | 3400    |             |         | =            | 3400             | 3Z - CFU/100mL        | 01/30 - Monthly | GR - GRAB |
|       |                         |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |              | Req Mon DAILY MX | 3Z - CFU/100mL        | 01/30 - Monthly | GR - GRAB |
|       |                         |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |              |                  |                       |                 |           |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

MASSPORT AUTHORITY - LOGAN

User: rjoyce@massport.com

Date/Time: 2016-05-13 10:42 (Time Zone: -04:00)

Name: Rosanne Joyce

E-Mail: rjoyce@massport.com