

## DMR Copy of Record

### Permit

Permit #: **TX0097870**

Major:

Permittee: AUSTIN, CITY OF  
 Permittee Address: PO BOX 1088  
 AUSTIN, TX 78767

Facility: DESSAU WWTF  
 Facility Location: 1601 FISH LANE  
 AUSTIN, TX 78746

Permitted Feature: 001  
 External Outfall

Discharge: **001-A**  
 DOMESTIC FACILITY - 001

### Report Dates & Status

Monitoring Period: **From 05/01/17 to 05/31/17**

DMR Due Date: **06/20/17**

Status: **NetDMR Validated & Complete**

### Considerations for Form Completion

### Principal Executive Officer

First Name: Greg

Title: Director

Telephone: 512-972-0101

Last Name: Meszaros

### No Data Indicator (NODI)

Form NODI: --

| Parameter |                                | Monitoring Location | Season # | Param. NODI | Quantity or Loading |         |             |         |           | Quality or Concentration |           |             |             |             |             | # of Ex.  | Frequency of Analysis   | Sample Type          |             |
|-----------|--------------------------------|---------------------|----------|-------------|---------------------|---------|-------------|---------|-----------|--------------------------|-----------|-------------|-------------|-------------|-------------|-----------|-------------------------|----------------------|-------------|
| Code      | Name                           |                     |          |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units     | Qualifier 1              | Value 1   | Qualifier 2 | Value 2     | Qualifier 3 | Value 3     |           |                         |                      | Units       |
| 00300     | Oxygen, dissolved [DO]         | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |           | =                        | 5.4       |             |             |             |             | 19 - mg/L | 0                       | 22/30 - 22 Per Month | GR - GRAB   |
|           |                                |                     |          |             | Permit Req.         |         |             |         |           | >=                       | 5 MO MIN  |             |             |             |             | 19 - mg/L |                         | 01/07 - Weekly       | GR - GRAB   |
|           |                                |                     |          |             | Value NODI          |         |             |         |           |                          |           |             |             |             |             |           |                         |                      |             |
| 00400     | pH                             | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |           | =                        | 6.9       |             | =           | 8.5         | 12 - SU     | 0         | 29/30 - 29 Per Month    | GR - GRAB            |             |
|           |                                |                     |          |             | Permit Req.         |         |             |         |           | >=                       | 6 MINIMUM |             | <=          | 9 MAXIMUM   | 12 - SU     |           | 02/30 - Twice Per Month | GR - GRAB            |             |
|           |                                |                     |          |             | Value NODI          |         |             |         |           |                          |           |             |             |             |             |           |                         |                      |             |
| 00530     | Solids, total suspended        | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 22.7        |         | 26 - lb/d |                          |           | =           | 13.6        | =           | 31.6        | 19 - mg/L | 1                       | 01/07 - Weekly       | CP - COMPOS |
|           |                                |                     |          |             | Permit Req.         | <=      | 63 DAILY AV |         | 26 - lb/d |                          |           | <=          | 15 DAILY AV | <=          | 40 DAILY MX | 19 - mg/L |                         | 01/07 - Weekly       | CP - COMPOS |
|           |                                |                     |          |             | Value NODI          |         |             |         |           |                          |           |             |             |             |             |           |                         |                      |             |
| 00610     | Nitrogen, ammonia total [as N] | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 1.1         |         | 26 - lb/d |                          |           | =           | 0.6         | =           | 0.8         | 19 - mg/L | 0                       | 01/07 - Weekly       | CP - COMPOS |
|           |                                |                     |          |             | Permit Req.         | <=      | 13 DAILY AV |         | 26 - lb/d |                          |           | <=          | 3 DAILY AV  | <=          | 10 DAILY MX | 19 - mg/L |                         | 01/07 - Weekly       | CP - COMPOS |
|           |                                |                     |          |             | Value NODI          |         |             |         |           |                          |           |             |             |             |             |           |                         |                      |             |

| Parameter |  | Monitoring Location | Season # | Param. NODI | Quantity or Loading |         |             |         |                  | Quality or Concentration |         |             |              |             |              | # of Ex.       | Frequency of Analysis | Sample Type        |             |
|-----------|--|---------------------|----------|-------------|---------------------|---------|-------------|---------|------------------|--------------------------|---------|-------------|--------------|-------------|--------------|----------------|-----------------------|--------------------|-------------|
| Code      | Name                                     |                     |          |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units            | Qualifier 1              | Value 1 | Qualifier 2 | Value 2      | Qualifier 3 | Value 3      |                |                       |                    | Units       |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 0.2         | =       | 0.33             | 03 - MGD                 |         |             |              |             |              |                | 0                     | 99/99 - Continuous | TM - TOTALZ |
|           |  |                     |          |             | Permit Req.         | <=      | .5 DAILY AV |         | Req Mon DAILY MX | 03 - MGD                 |         |             |              |             |              |                |                       | 99/99 - Continuous | TM - TOTALZ |
|           |  |                     |          |             | Value NODI          |         |             |         |                  |                          |         |             |              |             |              |                |                       |                    |             |
| 50060     | Chlorine, total residual                 | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                  |                          | =       | 1.2         |              | =           | 3.8          | 19 - mg/L      | 0                     | 01/01 - Daily      | GR - GRAB   |
|           |  |                     |          |             | Permit Req.         |         |             |         |                  |                          | >=      | 1 MO MIN    |              | <=          | 4 MO MAX     | 19 - mg/L      |                       | 01/01 - Daily      | GR - GRAB   |
|           |  |                     |          |             | Value NODI          |         |             |         |                  |                          |         |             |              |             |              |                |                       |                    |             |
| X 51040   | E. coli                                  | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                  |                          |         | <           | 7            | =           | 1967         | 30 - MPN/100mL | 1                     | 01/07 - Weekly     | GR - GRAB   |
|           |  |                     |          |             | Permit Req.         |         |             |         |                  |                          |         | <=          | 120 DAILY AV | <=          | 380 DAILY MX | 3Z - CFU/100mL |                       | 01/07 - Weekly     | GR - GRAB   |
|           |  |                     |          |             | Value NODI          |         |             |         |                  |                          |         |             |              |             |              |                |                       |                    |             |
| 80082     | BOD, carbonaceous [5 day, 20 C]          | 1 - Effluent Gross  | 0        | --          | Sample              | <       | 6           |         |                  | 26 - lb/d                |         | <           | 3.3          | =           | 4.4          | 19 - mg/L      | 0                     | 01/07 - Weekly     | CP - COMPOS |
|           |  |                     |          |             | Permit Req.         | <=      | 42 DAILY AV |         |                  | 26 - lb/d                |         | <=          | 10 DAILY AV  | <=          | 25 DAILY MX  | 19 - mg/L      |                       | 01/07 - Weekly     | CP - COMPOS |
|           |  |                     |          |             | 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 |         | Monitoring Location | Field | Type | Description   | Acknowledge                         |
|-----------|---------|---------------------|-------|------|---|-------------------------------------|
| Code      | Name    |                     |       |      |   |                                     |
| 51040     | E. coli | 1 - Effluent Gross  | Units | Soft | The selected units do not match the units specified by the permit for this parameter. The provided sample value(s) may be outside the permit limit. (Error Code: 3) | <input checked="" type="checkbox"/> |

**Comments**

E. coli: Units reported in MPN/100mL, not CFU/100mL The TSS sample result of 31.6 mg/L from 5/7/17 to 5/13/17 exceeded the permitted 7 day average of 25 mg/L The cBOD sample from 5/13/17 was given a result of Laboratory Error (LE) due to all dilutions fully depleting The E. coli sample result of 1967 MPN/100mL from 5/13/17 exceeded the permitted daily maximum of 380 MPN/100mL

**Attachments**

No attachments.

**Report Last Saved By**

AUSTIN, CITY OF

User: ayman.benyamin@austintexas.gov

Date/Time:

2017-06-16 11:04 (Time Zone: -05:00)

Name: Ayman Benyamin  
E-Mail: ayman.benyamin@austintexas.gov