

DMR Copy of Record

Permit

Permit #: TX0071889  
Major: ☒

Permittee: AUSTIN, CITY OF (S AUSTIN REG)  
Permittee Address: 13009 FALWELL LANE  
DEL VALLE, TX 78767

Facility: SOUTH AUSTIN REGIONAL WWTF  
Facility Location: 13009 FALWELL LANE  
DEL VALLE, TX 78767

Permitted Feature: 001  
External Outfall

Discharge: 001-A  
DOMESTIC FACILITY - 001

Report Dates & Status

Monitoring Period: From 09/01/14 to 09/30/14

DMR Due Date: 10/20/14

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: Greg  
Last Name: Meszaros

Title: Director, Austin Water Utility

Telephone: 512-972-0101

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      |                     |                  |             |                  |           | =                        | 6.4       |             |             |             |             | 19 - mg/L | 0        | 01/01 - Daily         | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |           | >=                       | 6 MO MIN  |             |             |             |             | 19 - mg/L |          | 01/01 - Daily         | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |           |                          |           |             |             |             |             |           |          |                       |             |
| 00400     | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |           | =                        | 7         |             |             | =           | 7.4         | 12 - SU   | 0        | 01/01 - Daily         | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |           | >=                       | 6 MINIMUM |             |             | <=          | 9 MAXIMUM   | 12 - SU   |          | 01/01 - Daily         | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |           |                          |           |             |             |             |             |           |          |                       |             |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 560              |             |                  | 26 - lb/d |                          |           | =           | 1.4         | =           | 5.2         | 19 - mg/L | 0        | 01/01 - Daily         | CP - COMPOS |
|           |                                          |                     |          |             | Permit Req. | <=                  | 9383 DAILY AV    |             |                  | 26 - lb/d |                          |           | <=          | 15 DAILY AV | <=          | 40 DAILY MX | 19 - mg/L |          | 01/01 - Daily         | CP - COMPOS |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |           |                          |           |             |             |             |             |           |          |                       |             |
| 00610     | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross  | 0        | --          | Sample      | <                   | 69.9             |             |                  | 26 - lb/d |                          |           | <           | 0.2         | =           | 0.9         | 19 - mg/L | 0        | 01/01 - Daily         | CP - COMPOS |
|           |                                          |                     |          |             | Permit Req. | <=                  | 1251 DAILY AV    |             |                  | 26 - lb/d |                          |           | <=          | 2 DAILY AV  | <=          | 10 DAILY MX | 19 - mg/L |          | 01/01 - Daily         | CP - COMPOS |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |           |                          |           |             |             |             |             |           |          |                       |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 45.5             | =           | 73.1             | 03 - MGD  |                          |           |             |             |             |             |           | 0        | 99/99 - Continuous    | TM - TOTALZ |
|           |                                          |                     |          |             | Permit Req. |                     | Req Mon DAILY AV |             | Req Mon DAILY MX | 03 - MGD  |                          |           |             |             |             |             |           |          | 99/99 - Continuous    | TM - TOTALZ |
|           |                                          |                     |          |             |             |                     |                  |             |                  |           |                          |           |             |             |             |             |           |          |                       |             |

| 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       |
|            |                                          |                                    |          |             | Value NODI  |                     |               |             |                 |              |                          |                  |             |                  |                |                       |                    |                       |                    |             |
| 50050      | Flow, in conduit or thru treatment plant | P - See Comments                   | 0        | --          | Sample      |                     |               | =           | 61805           | 78 - gal/min |                          |                  |             |                  |                |                       |                    | 0                     | 99/99 - Continuous | TM - TOTALZ |
|            |                                          |                                    |          |             | Permit Req. |                     |               | <=          | 150000 2HR PEAK | 78 - gal/min |                          |                  |             |                  |                |                       | 99/99 - Continuous |                       | TM - TOTALZ        |             |
|            |                                          |                                    |          |             | Value NODI  |                     |               |             |                 |              |                          |                  |             |                  |                |                       |                    |                       |                    |             |
|            |                                          |                                    |          |             |             |                     |               |             |                 |              |                          |                  |             |                  |                |                       |                    |                       |                    |             |
| 50050      | Flow, in conduit or thru treatment plant | Y - Effluent Gross (Supplementary) | 0        | --          | Sample      | =                   | 46.7          |             |                 | 03 - MGD     |                          |                  |             |                  |                |                       | 0                  | 99/99 - Continuous    | TM - TOTALZ        |             |
|            |                                          |                                    |          |             | Permit Req. | <=                  | 75 ANNL AVG   |             |                 | 03 - MGD     |                          |                  |             |                  |                |                       |                    | 99/99 - Continuous    | TM - TOTALZ        |             |
|            |                                          |                                    |          |             | Value NODI  |                     |               |             |                 |              |                          |                  |             |                  |                |                       |                    |                       |                    |             |
| 50060      | Chlorine, total residual                 | A - Disinfection, Process Complete | 0        | --          | Sample      |                     |               |             |                 |              |                          |                  |             | =                | 0              | 19 - mg/L             | 0                  | 01/01 - Daily         | GR - GRAB          |             |
|            |                                          |                                    |          |             | Permit Req. |                     |               |             |                 |              |                          |                  |             |                  | <              | .1 INST MAX           |                    | 19 - mg/L             | 01/01 - Daily      | GR - GRAB   |
|            |                                          |                                    |          |             | Value NODI  |                     |               |             |                 |              |                          |                  |             |                  |                |                       |                    |                       |                    |             |
| 50060      | Chlorine, total residual                 | B - Prior to Disinfection          | 0        | --          | Sample      |                     |               |             |                 | =            | 1.1                      |                  |             |                  |                | 19 - mg/L             | 0                  | 01/01 - Daily         | GR - GRAB          |             |
|            |                                          |                                    |          |             | Permit Req. |                     |               |             |                 | >=           | 1 MO MIN                 |                  |             |                  |                | 19 - mg/L             |                    | 01/01 - Daily         | GR - GRAB          |             |
|            |                                          |                                    |          |             | Value NODI  |                     |               |             |                 |              |                          |                  |             |                  |                |                       |                    |                       |                    |             |
| X<br>51040 | E. coli                                  | 1 - Effluent Gross                 | 0        | --          | Sample      |                     |               |             |                 |              |                          | =                | 37          | =                | 1733           | 30 - MPN/100mL        | 0                  | 05/WK - Five Per Week | GR - GRAB          |             |
|            |                                          |                                    |          |             | Permit Req. |                     |               |             |                 |              |                          | Req Mon DAILY AV |             | Req Mon DAILY MX | 3Z - CFU/100mL | 05/WK - Five Per Week |                    | GR - GRAB             |                    |             |
|            |                                          |                                    |          |             | Value NODI  |                     |               |             |                 |              |                          |                  |             |                  |                |                       |                    |                       |                    |             |
| 80082      | BOD, carbonaceous, 05 day, 20 C          | 1 - Effluent Gross                 | 0        | --          | Sample      | <                   | 768           |             |                 | 26 - lb/d    |                          |                  | <           | 2                | =              | 2.4                   | 19 - mg/L          | 0                     | 01/01 - Daily      | CP - COMPOS |
|            |                                          |                                    |          |             | Permit Req. | <=                  | 6255 DAILY AV |             |                 | 26 - lb/d    |                          |                  | <=          | 10 DAILY AV      | <=             | 25 DAILY MX           | 19 - mg/L          |                       | 01/01 - Daily      | 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 in CFU/100mL. Solids, total suspended: Result reported as Lab Error (LE) 09/25/14. Batch standard not in conformance with SOP. Solids, total suspended: Result reported as Lab Error (LE) 09/30/14. Batch standard not in conformance with SOP. BOD, carbonaceous: Result reported as Lab Error (LE) 09/14/14. Insufficient depletion of seed control samples. BOD, carbonaceous: Result reported as Lab Error (LE) 09/15/14. Insufficient depletion of seed control samples.

**Attachments**

No attachments.

**Report Last Saved By****AUSTIN, CITY OF (S AUSTIN REG)**

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Date/Time: 2014-10-14 16:30 (Time Zone: -05:00)