#### ST. TAMMANY PARISH COUNCIL

#### RESOLUTION

**RESOLUTION COUNCIL SERIES NO: C-6258** COUNCIL SPONSOR: LORINO/COOPER PROVIDED BY: ENVIRONMENTAL SERVICES/CIVIL DIVISION ADA RESOLUTION TO ACKNOWLEDGE THE RECEIPT AND REVIEW OF THE 2019 MUNICIPAL WATER POLLUTION PREVENTION ENVIRONMENTAL AUDIT REPORT FOR THE WEST ST. TAMMANY SEWAGE TREATMENT FACILITY (WARD 1, DISTRICT 3) WHEREAS, the St. Tammany Parish Government owns and operates the West St Tammany Sewage Treatment Facility; and WHEREAS, the Louisiana Pollutant Discharge Elimination System (LPDES) permit which authorizes effluent discharge from the West St Tammany Sewage Treatment Facility mandates the Parish to institute a program directed towards pollution prevention in order to improve operating efficiency and extend the useful life of the treatment facility; and WHEREAS, as part of Other Conditions, Section H. of LPDES permit LA0120235, the Parish Government must complete an annual Environmental Audit Report for the life of the permit, and said Environmental Audit Report is attached hereto. THE PARISH OF ST. TAMMANY HEREBY RESOLVES that the St. Tammany Parish Council acknowledges the receipt of the 2019 Municipal Water Pollution Prevention Environmental Audit Report for the West St Tammany Sewage Treatment Facility and its finding that expansion of the treatment unit is necessary in order to accommodate growth in the area. THIS RESOLUTION HAVING BEEN SUBMITTED TO A VOTE, THE VOTE THEREON WAS AS FOLLOWS: MOVED FOR ADOPTION BY: \_\_\_\_\_\_ SECONDED BY: \_\_\_\_\_ YEAS: NAYS: \_\_\_\_\_ ABSTAIN: \_\_\_\_ ABSENT: THIS RESOLUTION WAS DECLARED ADOPTED ON THE 2 DAY OF APRIL, 2020, AT A REGULAR MEETING OF THE PARISH COUNCIL, A QUORUM OF THE MEMBERS BEING PRESENT AND VOTING.

MICHAEL R. LORINO, JR., COUNCIL CHAIRMAN

THERESA L. FORD, COUNCIL CLERK

ATTEST:

## **LOUISIANA**

# MUNICIPAL WATER POLLUTION PREVENTION

#### **MWPP**



|                | West St Tammany Sewage |
|----------------|------------------------|
| Facility Name: | Treatment Facility     |

LPDES Permit Number:

LA0120235

Agency Interest (AI) Number:

125944

Address:

P. O. Box 628 Covington, LA 70434

North side of Hwy 1085, West of Hwy 1077, next to Northpoint Industrial Park, Madisonville

Parish:

St. Tammany

(Person Completing Form) Name:

Tim Brown

Title:

Department of Environmental Services Director

Date Completed:

January 2019 - December 2019

## **INSTRUCTIONS**

- 1. Complete only the sections of the Environmental Audit which apply to your wastewater treatment system. Leave sections that do not apply blank and enter a "0" for the point value.
- 2. Parts 1 through 7 contain questions for which points may be generated. These points are intended to communicate to the department and the governing body or owner what actions will be necessary to prevent effluent violations. Place the point totals from parts 1 through 7 on the Point Calculation page.
- 3. Add up the point totals.
- 4. Submit the Environmental Audit to the governing body or owner for review and approval.
- 5. The governing body must pass a resolution which contains the following items:
  - a. The resolution or letter must acknowledge the governing body or owner has reviewed the Environmental Audit.
  - b. This resolution must indicate <u>specific</u> actions, if any, will be taken to maintain compliance and prevent effluent violations. Proposed actions should address the parts where maximum or close to maximum points were generated in the Environmental Audit.
  - c. The resolution should provide any other information the governing body deems appropriate.

## PART 1: INFLUENT FLOW/LOADINGS (all plants)

List the average monthly volumetric flows and CBOD loadings received at your facility during the last reporting year.

| Column 1 Average Monthly Flow (million gallons per day, MGD) |   | Column 2 Average Monthly CBOD5 Concentration (mg/l) |                 | Column 3 Average Monthly CBOD5 Loading (pounds per day, lb/day) |
|--|---|---|-----------------|---|
| 0.338  | X | 133   | <b>x</b> 8.34 = | 374.9   |
| 0.386  | X | 166   | <b>x</b> 8.34 = | 534.4   |
| 0.254  | X | 86  | <b>x</b> 8.34 = | 182.2   |
| 0.397  | X | 75  | <b>x</b> 8.34 = | 248.3   |
| 0.384  | X | 87  | <b>x</b> 8.34 = | 278.6   |
| 0.358  | X | 96  | <b>x</b> 8.34 = | 286.6   |
| 0.296  | X | 94  | <b>x</b> 8.34 = | 232   |
| 0.429  | X | 111   | <b>x</b> 8.34 = | 397.1   |
| 0.428  | X | 1240  | <b>x</b> 8.34 = | 4426.2  |
| 0.538  | X | 520   | <b>x</b> 8.34 = | 2333.2  |
| 0.411  | X | 90  | <b>x</b> 8.34 = | 308.5   |
| 0.486  | X | 137   | <b>x</b> 8.34 = | 555.3   |

<sup>\*\*</sup>all influent data is BOD except for August August influent is CBOD

List the design flow and design CBOD loading for your facility in the blanks below. If you are not aware of these design quantities, refer to your Operation and Maintenance (O&M) Manual or contact your consulting engineer.

| Design Flow, MGD:    | 0.500 MGD | <b>x</b> 0.90 = | 0.45 |
|----------------------|-----------|-----------------|------|
| Design CBOD, lb/day: | 1043      | <b>x</b> 0.90 = | 938  |

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|-----------|-----------|

C. How many months did the monthly flow (Column 1) to the wastewater treatment facility (WWTF) exceed 90% of design flow? Circle the number of months and the corresponding point total. Write the point total in the box below at the right.

months points

Write 0 or 5 in the C point total box 0 C Point Total

**D.** How many months did the monthly flow (Column 1) to the WWTF exceed the design flow? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months points

Write 0, 5, 10 or 15 in the D point total box 5 D Point Total

**E.** How many months did the monthly CBOD loading (Column 3) to the WWTF exceed 90% of the design loading? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months points

Write 0, 5,or 10 in the E point total box 5 E Point Total

**F.** How many months did the monthly CBOD loading (Column 3) to the WWTF exceed the design loading? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months points

Write 0, 10, 20, 30, 40 or 50 in the F point total box 20 F Point Total

**G.** Add together each point total for C through F and place this sum in the box below at the right.

**TOTAL POINT VALUE FOR PART 1:** (max = 80)

Also enter this value or 80, whichever is less, on the point calculation table on page 16.

## PART 2: EFFLUENT QUALITY / PLANT PERFORMANCE

**A.** List the monthly average effluent CBOD and TSS concentrations produced by your facility during the last reporting year.

| Month          | Column 1 Average Monthly CBOD (mg/l) | Column 2 Average Monthly TSS (mg/l) |
|----------------|--------------------------------------|-------------------------------------|
| January 2019   | 3                                    | 2.2                                 |
| February 2019  | 4.5                                  | 3.2                                 |
| March 2019     | 4.2                                  | 4.8                                 |
| April 2019     | 2.1                                  | 5.2                                 |
| May 2019       | 2.5                                  | 2.2                                 |
| June 2019      | 5                                    | 3                                   |
| July 2019      | 3.4                                  | 2.2                                 |
| Augus 2016     | 12.8                                 | 1.2                                 |
| September 2019 | 5                                    | 2                                   |
| October 2019   | 3.2                                  | 1                                   |
| November 2019  | 6.8                                  | 2.2                                 |
| December 2019  | 4.8                                  | 2                                   |

**B.** List the monthly average permit limits for your facility in the blanks below.

|           | 90% of<br>Permit Limit |                 |      |
|-----------|------------------------|-----------------|------|
| BOD, mg/l | 10                     | <b>x</b> 0.90 = | 9    |
| TSS, mg/l | 15                     | <b>x</b> 0.90 = | 13.5 |

|                        |  |  |   |   |  |  |   | mu #:   | <b>D</b> 1 10  | 120.  |  |  |  |
|------------------------|--|--|---|---|--|--|---|---|--|---|--|--|--|
| Continu                | ious D   | Dischar  | ge to S   | urface  | Water  |  |   | יי  |  |   |  |  |  |
| Circle the             | he nur   | nber o   | f mont  |   |  |  |   |   |  |   | _  |  |  |
| months<br>points       | 0<br>0   | 1<br>0   | 2<br>10   | 3<br>20   | 4<br>30  | 5<br>40  | 6<br>40   | 7<br>40   | 8<br>40  | 9<br>40   | 10<br>40   | 11<br>40   | 12<br>40   |
|                        |  |  | Writ  | e 0, 10   | ), 20, 3   | 60 or 40   | 0 in the  | e i poir  | ıt total   | box   | 0  | i Poin   | t Total  |
| number                 | of mo  |  |   |   |  |  |   |   | _  |   |  |  |  |
| months                 | 0  | 1  | 2   | 3   | 4  | 5  | 6   | 7   | 8  | 9   | 10   | 11   | 12   |
|                        | 0  | 5  | 5   | 10  | 10   | 10   | 10  | 10  | 10   | 10  | 10   | 10   | 10   |
| Circle the box         | he nur   | mber o   | f mont<br>right.  | effluer   | nt TSS<br>the co   | (Colu  | mn 2)   | exceed  | 90% (  | of the p  | permit   | limits?  |  |
| months                 |  |  |   |   |  | _  | _   | _   | _  | _   | 1.0  |  | 10   |
| nointa                 | 0  | 1  | 2   | 3   | 4  | 5  | 6   | 7   | 8  | 9   | 10   | 11   | 12   |
| points                 | 0  | 1 0  | 10  | 20  | 30   | 40   | 40  | 7<br>40<br>iii poir   | 40   | 40  | 40   | 40   | 12<br>40<br>nt Total   |
| How manumber at the ri | any m  | 0 onths o  | 10 Write  | 20<br>0, 10,<br>effluer   | 30<br>20, 30<br>nt TSS   | 40<br>or 40<br>(Colu   | 40 in the mn 2)   | 40 iii poir   | 40  nt total permi   | 40<br>box<br>t limit  | 40<br>0<br>s? Circ   | 40 iii Poi   | 40<br>nt Total   |
| How manumber           | any m  | 0 onths o  | Write   | 20<br>0, 10,<br>effluer<br>respon   | 30<br>20, 30<br>nt TSS   | 40<br>or 40<br>(Colu   | 40 in the mn 2)   | 40 iii poir   | 40  nt total permi   | 40<br>box<br>t limit  | 40<br>0<br>s? Circ   | 40 iii Poi   | 40<br>nt Total   |
| How manumber at the ri | any moof mooght.   | 0 onths conths a   | 10 Write  | 20<br>0, 10,<br>effluer   | 30<br>20, 30<br>nt TSS<br>ding po  | 40 or 40 (Colument to  | 40 in the mn 2) tal. W  | 40 iii poir exceed rite the   | 40  Int total  permi   | 40<br>box<br>t limits<br>total in   | 40  0 s? Circ  | 40 iii Poi   | 40<br>nt Total   |
| How manumber at the ri | any many many of many ght.   | 0 onths conths a   | Write   | 20<br>0, 10,<br>effluer<br>respon   | 30<br>20, 30<br>ant TSS<br>ding po   | 40 or 40 (Colument to 5 10   | 40 in the mn 2) tal. W  | 40 iii poir exceed rite the   | 40  total permi point  8 10  | 40 box t limits total in  | 40<br>0<br>s? Circ<br>n the bo   | 40 iii Poi   | 40 nt Total ow 12  |
|                        | How mands points  How manumber at the rimonths points  How manumber at the rimonths points | How many m Circle the nur the box below  months points  0 0  How many m number of mo at the right.  months points 0  How many m Circle the nur the box below | How many months of the box below at the right.  How many months of the months of the box below at the right. | How many months did the Circle the number of month the box below at the right.  Months 0 1 2 0 10  Write How many months did the number of months and corrat the right.  Months 0 1 2 5 5  How many months did the Circle the number of month the box below at the right. | How many months did the effluer Circle the number of months and the box below at the right.  months 0 1 2 3 points 0 10 20  Write 0, 10  How many months did the effluer number of months and correspondat the right.  months 0 1 2 3 points 0 5 5 10  Write 0, 10  Write 0, 10  Write 0, 10  Write 10 10  Write | How many months did the effluent CBC Circle the number of months and the cothe box below at the right.  months 0 1 2 3 4 points 0 10 20 30  Write 0, 10, 20, 30  Write 0, 10, 20, 30  How many months did the effluent CBC number of months and corresponding points 1 2 3 4 points 0 1 2 3 4 5 5 10 10  Write 0, 5  How many months did the effluent TSS Circle the number of months and the co | Circle the number of months and the correspondine box below at the right.  months   0 | How many months did the effluent CBOD (Column Circle the number of months and the corresponding the box below at the right.  months | How many months did the effluent CBOD (Column 1) excess Circle the number of months and the corresponding point to the box below at the right.  months 0 1 2 3 4 5 6 7 points 0 10 20 30 40 40 40  Write 0, 10, 20, 30 or 40 in the i point to the did the effluent CBOD (Column 1) excess number of months and corresponding point total. Write the at the right.  months 0 1 2 3 4 5 6 7 points 0 5 5 10 10 10 10 10  Write 0, 5, or 10 in the ii point total the number of months did the effluent TSS (Column 2) exceed Circle the number of months and the corresponding point total. | How many months did the effluent CBOD (Column 1) exceed 90%. Circle the number of months and the corresponding point total. We the box below at the right.  **Months** 0 1 2 3 4 5 6 7 8 **  **points** 0 0 10 20 30 40 40 40 40 40 40 40 40 40 40 40 40 40 | How many months did the effluent CBOD (Column 1) exceed 90% of the Circle the number of months and the corresponding point total. Write the box below at the right.  months 0 1 2 3 4 5 6 7 8 9 points 0 10 20 30 40 40 40 40 40 40 40 40 40 40 40 40 40 | How many months did the effluent CBOD (Column 1) exceed 90% of the perm Circle the number of months and the corresponding point total. Write the point the box below at the right.  months | How many months did the effluent CBOD (Column 1) exceed 90% of the permit limit Circle the number of months and the corresponding point total. Write the point total the box below at the right.  months |

**TOTAL POINT VALUE FOR PART 2:** 5 (max = 100)

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|-------------|-----------|
| 1 ciiiii #. | LA0120233 |

|      | Permit #: LA0120235   |  |  |  |  |  |
|------|---|--|--|--|--|--|
| D.   | Other Monitoring and Limitations  |  |  |  |  |  |
| i.   | At any time in the past year was there and exceedance of a permit limit for other pollutants such as: ammonia-nitrogen, phosphorus, pH, total residual chlorine, or fecal coliform? |  |  |  |  |  |
|      | $\vee$ Check one box. $\square$ Yes $\boxed{\chi}$ No If Yes, Please describe:  |  |  |  |  |  |
|      |   |  |  |  |  |  |
| ii.  | At any time in the past year was there a "failure" of a Biomonitoring (Whole Effluent Toxicity) test of the effluent?   |  |  |  |  |  |
|      | $\sqrt{\text{Check one box.}}$ Yes $\boxed{X}$ No If Yes, Please describe:  |  |  |  |  |  |
|      | N/A - biomonitoring is not required for this facility.  |  |  |  |  |  |
| iii. | At any time in the past year was there an exceedance of a permit limit for a toxic substance?   |  |  |  |  |  |
|      | $\sqrt{\text{Check one box.}}$ Yes $\boxed{X}$ No If Yes, Please describe:  |  |  |  |  |  |
|      |   |  |  |  |  |  |

## PART 3: AGE OF THE WASTEWATER TREATMENT FACILITY

| A. | What year was the wastewater treatment facility constructed or last major expansion. |
|----|--|
|    | improvements completed?  |

|              |   |             |   | 2009         |  |
|--------------|---|-------------|---|--------------|--|
| Current Year | - | Answer to A | = | Age in years |  |
| 2019         |   | 2009        |   | 10           |  |

Enter Age in Part C below.

 ${\bf B.}$  V Check the type of treatment facility that is employed.

|   |   | FACTOR: |
|---|---|---------|
| X | Mechanical Treatment Plant (trickling filter, activated | 2.5     |
|   | sludge, etc) Specify Type: Return activated sludge      | _       |
|   | Aerated Lagoon  | 2.0     |
|   | Stabilization Pond                                      | 1.5     |
|   | Other<br>Specify Type:                                  | 1.0     |

**C.** Multiply the factor listed next to the type of facility your community employs by the age of your facility to determine the total point value for Part 3.

#### **TOTAL POINT VALUE FOR PART 3 =**

$$\begin{array}{c|cccc}
\underline{2.5} & x & \underline{10} & = & \underline{25} & (max = 50)
\end{array}$$

Also enter this value or 50, whichever is less, on the point calculation table on page 16.

**D.** Please attach a schematic of the treatment plant.

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SEE ATTACHED DIAGRAM.

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|-----------|-----------|
|           |           |

## PART 4: OVERFLOWS AND BYPASSES

| A.  |   |  |  |  |
|-----|---|--|--|--|
| i.  | List the number of times in the last year there was an overflow, bypass or unpermitted discharge of untreated or incompletely treated wastewater due to heavy rain:   |  |  |  |
|     |   |  |  |  |
|     | 1 = 5 points $$ 4 = 30 points   |  |  |  |
|     |   |  |  |  |
| ii. | List the number of bypasses, overflows or unpermitted discharges shown in A (i) that were within the collection system and the number at the treatment plant  |  |  |  |
|     | Collection System: 0 Treatment Plant: 0   |  |  |  |
| В.  |   |  |  |  |
| i.  | List the number of times in the last year there was an overflow, bypass or unpermitted discharge of untreated or incompletely treated wastewater due to equipment failure, either at the treatment plant or due to pumping problems in the collection system: |  |  |  |
|     | 11 $\vee$ Check one box. $\bigcirc$ 0 = 0 points $\bigcirc$ 3 = 15 points   |  |  |  |
|     | $\boxed{ 1 = 5 \text{ points} } \qquad \boxed{ 4 = 30 \text{ points} }$   |  |  |  |
|     |   |  |  |  |
| ii. | List the number of bypasses, overflows or unpermitted discharges shown in B (i) that were within the collection system and the number at the treatment plant  |  |  |  |
|     | Collection System: 11 Treatment Plant: 0  |  |  |  |
| C.  | Specify whether the bypasses came from the city/village/town sewer system or from contract or tributary communities/sanitary districts, etc   |  |  |  |
|     | Bypasses came from TU sewer system.   |  |  |  |
| D.  | Add the point values checked for A and B and place the total in the box below.  |  |  |  |
|     | <b>TOTAL POINT VALUE FOR PART 4:</b> $50$ (max = 100)   |  |  |  |
|     | Also enter this value or 100, whichever is less, on the point calculation table on page 16.   |  |  |  |
| Е.  | List the person responsible (name and title) for reporting overflows, bypasses or unpermitted discharges to State and Federal authorities:  |  |  |  |
|     | Tim Brown, Director - Dept of Environmental Services  |  |  |  |
|     | Describe the procedure for gathering, compiling and reporting:  |  |  |  |
|     | SSO response and reporting per TU Sewer Treatment and Collection Systems SOP  |  |  |  |

#### PART 5: SLUDGE STORAGE AND DISPOSAL SITES

| Α. | Cludes | Ctomoro |
|----|--------|---------|
| Α. | Studge | Storage |

How many months of sludge storage capacity does your facility have available, either on-site or off-site?

Circle the number of months and the corresponding point total. Write the point total in the box below at the right.

 months
 <2</th>
 2

 points
 50
 30

 3
 4-5
 >6

 20
 10
 0

Write 0, 10, 20, 30 or 40 in the A point total box 20 A Point Total

**B.** For how many months does your facility have access to (and approval for) sufficient land disposal sites to provide proper land disposal?

Circle the number of months and the corresponding point total. Write the point total in the box below at the right.

months <2 6-11 12-23 24-35 >36 points 50 30 20 10 0

Write 0, 10, 20, 30 or 40 in the B point total box 20 B Point Total

C. Add together the A and B point values and place the sum in the box below at the right:

**TOTAL POINT VALUE FOR PART 5:** 40 (max = 100)

Also enter this value or 100, whichever is less, on the point calculation table on page 16.

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|---------------------|-----------|-----------|
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## PART 6: NEW DEVELOPMENT

| A. | Please provide the following information for the total of all sewer line extensions which were installed during the last year. |                       |  |                |
|----|--|-----------------------|--|----------------|
|    | Design Population:   | N/A                   | _  |                |
|    | Design Flow:   | N/A                   | MGD  |                |
|    | Design BOD:  | N/A                   | _mg/l  |                |
| В. |  | t either flow or poll | ed into the community or e<br>utant loadings to the sewera   |                |
|    | √ Check one box.   | Yes = 15 pc           | points $X$ No = 0 points                                     | nts            |
|    | If Yes, Please describe:   |                       |  |                |
|    |  | INO                   |  |                |
|    |  |                       |  |                |
|    | List any new pollutants:   | IN/A                  |  |                |
|    |  |                       |  |                |
| C. |  |                       | rcial or residential) anticipa<br>oadings to the sewerage sy |                |
|    | $\sqrt{\text{Check one box.}}$ Yes = 15 points No = 0 points   |                       |  |                |
|    | If Yes, Please describe:   |                       |  |                |
|    | Some minimai, light com  | nmerciai and propos   | ea residentiai subdivisions                                  | are occurring. |
|    | Build out of existing con  | птасции обидацопя     | aiso prompt increased sew                                    | er neeus.      |
|    | List any new pollutants y  | ou anticipate:        |  |                |
|    |  |                       |  |                |
| D. | Add together the point va  | alue checked in B an  | nd C and place the sum in t                                  | the box below. |
|    |  | TOTAL POINT           | VALUE FOR PART 6:  | $0 \pmod{9}$   |

Also enter this value or 30, whichever is less, on the point calculation table on page 16.

|--|

## PART 7: OPERATOR CERTIFICATION AND EDUCATION

| Α. | What was the name of the operator-in-charge for the reporting year? |   |                           |                     |
|----|---|---|---------------------------|---------------------|
|    |   | Name:   | Glenn Daughdrill          |                     |
| В. | What is his or her certif   |   | 13-081                    |                     |
| C. | What level of certificati wastewater treatment fa                   | •   |                           | erate the           |
|    |   | Level Required:                                 |                           |                     |
| D. | What is the level of cer  | tification of the operator-in-                  | charge?                   |                     |
|    |   | Level Certified:                                | IV                        |                     |
| Е. | Was the operator-in-char<br>required in order to ope                | arge of the report year certificate this plant? | ied at least at the grade | level               |
|    | $\vee$ Check one box.   | X Yes = 0 points                                |                           | ) points            |
|    | Wri   | te 0 or 50 in the E point tota                  | al box 0 E Point          | Гotal               |
| F. | Has the operator-in-chayear?  | rge maintained recertification                  | on requirements during    | the reporting       |
|    | $\sqrt{\text{Check one box.}}$                                      | X Yes   | ☐ No                      |                     |
| G. | How many hours of corlast two calendar years?                       | ntinuing education has the o                    | perator-in-charge comp    | leted over the      |
|    | $\sqrt{\text{Check one box.}}$                                      | $\boxed{\chi}$ > 12 hours = 0 po                | ints                      | irs = 50 points     |
|    | Writ  | te 0 or 50 in the G point total                 | al box 0 G Point          | Total               |
| Н. | Is there a written policy treatment plant employe                   | regarding continuing educates?                  | ntion an training for was | tewater             |
|    | $\sqrt{\text{Check one box.}}$                                      | X Yes   | ☐ No                      |                     |
|    | Explain:  | Budget allocated and tra                        | ining schedule set at beg | ginning of each yea |
| I. | What percentage of the paid for:                                    | continuing education exper                      | uses of the operator-in-c | harge were          |
|    |   | 100 By  | the operator?             | 0%                  |
| J. | Add together the E and  | G point values and place th                     | e sum in the box below    | at the right.       |
|    |   | TOTAL POINT VALU                                | JE FOR PART 7:            | 0 (max = 100)       |
|    | A 1   | 100 in lane                                     | 41                        | 4-1-1 16            |

11 Also enter this value or 100, whichever is less, on the point calculation table on page 16.

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|---------------------|--|
|---------------------|--|

## PART 8: FINANCIAL STATUS

| ۱. | Are User-Charge Revenues sufficient to cover operation and maintenance expenses?                                 |  |  |  |  |
|----|--|--|--|--|--|
|    | $\sqrt{\text{Check one box.}}$ Yes $\square$ No If No, How are $O\&M$ costs finance                              |  |  |  |  |
|    |  |  |  |  |  |
|    |  |  |  |  |  |
|    |  |  |  |  |  |
|    |  |  |  |  |  |
|    |  |  |  |  |  |
| 3. | What financial resources do you have available to pay for your wastewater improvements and reconstruction needs? |  |  |  |  |
| 3. |  |  |  |  |  |
| 3. |  |  |  |  |  |

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|---------------------|

## PART 9: SUBJECTIVE EVALUATION

| A.                | Collection System Maintenance   |               |           |
|-------------------|---|---------------|-----------|
| i.                | Describe what sewer system maintenance work has been done in the last year.   |               |           |
|                   | General maintenance (smoking & camera). Less that of collection system has needed repair.   | n 1%          |           |
| ii.               | Describe what lift station work has been done in the last year.   |               |           |
|                   | General maintenancepumps replaced as needed. Typically burnt up due to clogging.  |               |           |
| iii.              | What collection system improvements does the community have u the next 5 years?   | nder construc | ction for |
|                   | Design and construction of a new 0.750MGD unit is underway. This will bring the capacity to 1.25MGD.  |               |           |
| В.                | If you have ponds please answer the following questions: <b>N/A</b>   | √ Check on    | ne box.   |
| i.<br>ii.         | Do you have duckweed buildup in the ponds?<br>Do you mow the dikes regularly (at least monthly), to the<br>waters edge?                             | Yes Yes       | ☐ No ☐ No |
| iii.              | Do you have bushes or trees growing on the dikes or in the ponds?   | Yes           | ☐ No      |
| iv.               | Do you have excess sludge buildup (> Ifoot) on the bottom of any of your ponds?   | Yes           | ☐ No      |
| v.<br>vi.<br>vii. | Do you exercise all of your valves? Are your control manholes in good structural shape? Do you maintain at least 3 feet of freeboard in all of your | Yes<br>Yes    | No<br>No  |
|                   | ponds?  Do you visit your pond system at least weekly?  | Yes Yes       | No No     |

| C.   | Treatment Plants   |
|------|--|
| i.   | Have the influent and effluent flow meters been calibrated in the last year?   |
|      | X Yes  No (√ Check one box.)   |
|      | N/A July 8, 2019   |
|      | Influent flow meter calibration date(s)Effluent flow meter calibration date(s)   |
| ii.  | What problems, if any, have been experienced over the last year that have threatened treatment?  |
|      | NONE   |
|      |  |
|      |  |
|      |  |
|      |  |
| iii. | Is your community presently involved in formal planning for treatment facility upgrade?  |
|      | $\sqrt{\text{Check one box.}}$ Yes $\square$ No If Yes, Please describe:   |
|      |  |
|      | Construction design plans are almost completed to expand the treatment unit.   |
|      | An additional 0.750MGD unit will be constructed to accommodate growth in the area.  The total treatment capacity will result in 1.25MGD. |
|      |  |
|      |  |
|      |  |

|--|

| D.   | Preventive Maintenance  |  |  |  |
|------|---|--|--|--|
| i.   | Does your plant have a written plan for preventive maintenance on major equipment items?  |  |  |  |
|      | $\sqrt{\text{Check one box.}}$ Yes $\square$ No If Yes, Please describe:  |  |  |  |
|      | As per manufacturer directives in O&M manual.   |  |  |  |
| ii.  | Does this preventive maintenance program depict frequency of intervals, types of lubrication and other preventive maintenance tasks necessary for each piece of equipment?  X Yes No  |  |  |  |
| iii. | Are these preventive maintenance tasks, as well as equipment problems, being recorded and filed so future maintenance problems can be assured properly?   |  |  |  |
|      | X Yes No  |  |  |  |
| E.   | Sewer Use Ordinance   |  |  |  |
| i.   | Does your community have a sewer use ordinance that limits or prohibits the discharge of excessive conventional pollutants (BOD, TSS or pH) or toxic substances to the sewer system from industries, commercial users and residences? |  |  |  |
|      | $\vee$ Check one box. $\square$ Yes $\square$ No If Yes, Please describe:   |  |  |  |
|      | There is no pretreatment program in effect. There are no categorical industrial users and no adverse effects from current users.  |  |  |  |
| ii.  | Has it been necessary to enforce?   |  |  |  |
|      | √ Check one box.  |  |  |  |
|      | N/A   |  |  |  |
| iii. | Any additional comments about your treatment plant or collection system? (Attach additional sheets if necessary.)   |  |  |  |
|      |   |  |  |  |

## POINT CALCULATION TABLE

|  | <b>Actual Values</b> | Maximum    |
|--|----------------------|------------|
| Part 1: Influent Flow/Loadings               | 30                   | 80 points  |
| Part 2: Effluent Quality / Plant Performance | 5                    | 100 points |
| Part 3: Age of WWTF                          | 25                   | 50 points  |
| Part 4: Overflows and Bypasses               | 50                   | 100 points |
| Part 5: Ultimate Disposition of Sludge       | 40                   | 100 points |
| Part 6: New Development                      |                      | 30 points  |
| Part 7: Operator Certification<br>Training   | 0                    | 100 points |

### TOTAL POINTS:

150

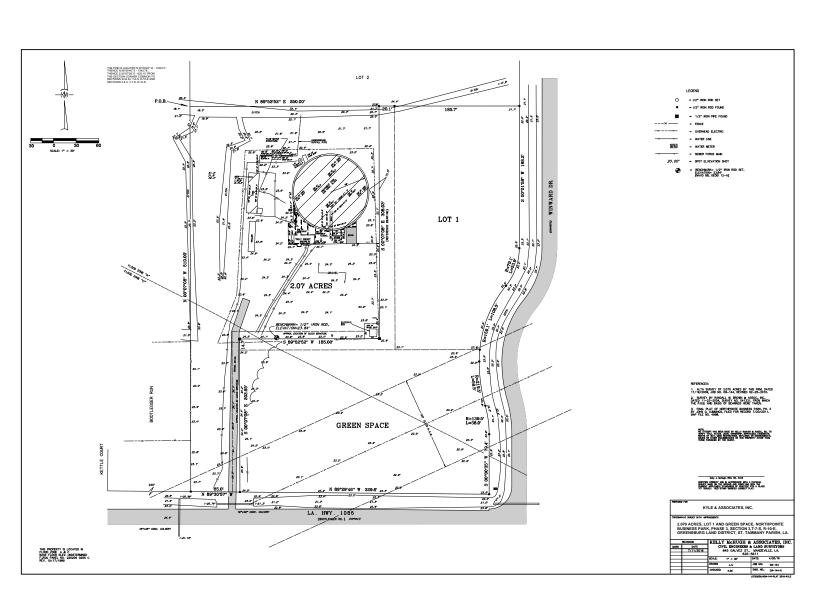
## **ATTACHMENT - RESOLUTION**

#### ST. TAMMANY PARISH MWPP RESOLUTION

Resolved that the village/town/city of <u>West St Tammany</u> sewered area informs the Louisiana Department of Environmental Quality that the following actions were taken by <u>St. Tammany Parish Council.</u>

| 1.    | Resolved the Municipal Water Pollution Prevention Environmental Audit Report which is attached to this resolution. (See official Parish document). |
|-------|--|
| 2.    | No necessary actions are required to achieve or maintain compliance at this time.  |
|       | (Please be specific in listing the actions that will be taken to address the problems identified in the audit report.)                             |
|       | a.   |
|       | b.   |
|       | c.   |
|       | d.   |
|       | etc  |
| Passe | ed by a majority/unanimous (circle one) vote of the  |
| on    | (date).  |
|       |  |
|       |  |
|       |  |

CLERK



#### **Resolution Administrative Comment**

RESOLUTION TO ACKNOWLEDGE THE RECEIPT AND REVIEW OF THE 2019 MUNICIPAL WATER POLLUTION ENVIRONMENTAL AUDIT REPORT FOR THE WEST ST. TAMMANY SEWAGE TREATMENT FACILITY (WARD 1, DISTRICT 3).

Pursuant to the permit authorizing effluent discharge, this Resolution is required to acknowledge the Environmental Audit and identify any compliance actions to be taken. Expansion of the treatment facility is needed to accommodate future growth in the area.