#### ST. TAMMANY PARISH COUNCIL

#### RESOLUTION

**RESOLUTION COUNCIL SERIES NO: C-4818** 

MOVED FOR A DODTION DV

THERESA L. FORD, COUNCIL CLERK

COUNCIL SPONSOR: STEFANCIK/BRISTER PROVIDED BY: LEGAL/TAMMANY UTILITIES

RESOLUTION TO ACKNOWLEDGE RECEIPT AND REVIEW OF THE 2016 MUNICIPAL WATER POLLUTION PREVENTION ENVIRONMENTAL AUDIT REPORT FOR THE GOODBEE REGIONAL SEWAGE TREATMENT FACILITY (WARD 1, DISTRICT 3).

WHEREAS, St. Tammany Parish Government owns and operates the Goodbee Regional Sewage Treatment Facility; and

WHEREAS, the Louisiana Pollutant Discharge Elimination System (LPDES) permit which authorizes effluent discharge from the Goodbee Regional 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 LA0123269, the Parish Government must complete an annual Environmental Audit Report for the life of the permit.

THE PARISH OF ST. TAMMANY HEREBY RESOLVES that the St. Tammany Parish Council acknowledges the receipt of the 2016 Municipal Water Pollution Prevention Environmental Audit Report for the Goodbee Regional Sewage Treatment Facility and its finding that no actions are necessary at this time for compliance achievement.

THIS RESOLUTION HAVING BEEN SUBMITTED TO A VOTE, THE VOTE THEREON WAS AS FOLLOWS:

CECONDED DV

MOVED FOR ADOPTION BY:	SECONDED B I:
YEAS:	
NAYS:	
ABSTAIN:	
ABSENT:	
	RED ADOPTED ON THE $\underline{4}$ DAY OF $\underline{MAY}$ , 2017, AT ISH COUNCIL, A QUORUM OF THE MEMBERS BEING
	STEVE STEFANCIK, COUNCIL CHAIRMAN
ATTEST:	, , , , , , , , , , , , , , , , , , , ,

## **LOUISIANA**

# MUNICIPAL WATER POLLUTION PREVENTION

## **MWPP**



Facility Name:	Goodbee Regional Sewage Treatment Facility
LPDES Permit Number:	LA0123269
Agency Interest (AI) Number:	153322
Address:	P. O. Box 628 Covington, LA 70434
	Physical Location: Off Hwy 1077, Covington, LA
Parish:	St. Tammany
(Person Completing Form) Name:	Greg Gorden
Title:	Department of Environmental Services Director
Date Completed:	Jan 2016 - Dec 2016

## **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)
0.01	X	176	<b>x</b> 8.34 =	14.6
0.002	X	176	<b>x</b> 8.34 =	2.9
0.006	X	176	<b>x</b> 8.34 =	8.8
0.012	X	176	<b>x</b> 8.34 =	17.6
0.001	X	176	<b>x</b> 8.34 =	1.46
0.003	X	176	<b>x</b> 8.34 =	4.4
0.005	X	176	<b>x</b> 8.34 =	7.3
0.006	X	176	<b>x</b> 8.34 =	8.8
0.003	X	176	<b>x</b> 8.34 =	4.4
0.121	X	176	<b>x</b> 8.34 =	177.6
0.004	x	176	<b>x</b> 8.34 =	5.8
0.003	X	176	<b>x</b> 8.34 =	4.4

<sup>\*</sup> Please note influent value utilized is from Summer 2013 sampling event.

 $CBOD\ loading = Average\ Monthly\ Flow\ (in\ MGD)\ x\ Average\ Monthly\ CBOD\ concentration\ (in\ mg/l)\ x\ 8.34$ 

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:	0.150 MGD	<b>x</b> 0.90 =	0.139
Design CBOD, lb/day:	220	<b>x</b> 0.90 =	198

								Per	mit #:	LAC	)123	269		
C.	(WW	ΓF) exc		)% of 0	design	flow?	Circle	the nu	mber o	of mon		treatme I the co		
	months	0	1	2	3	4	5	6	7	8	9	10	11	12
	points	0	0	0	0	0	5	5	7 5	5	5	5	5	5
						Write	e 0 or 5	in the	C poir	nt total	box	0	C Poi	nt Total
D.	Circle		mber o									eed the oint tot		
	months	0	1	2	3	4	5	6	7 15	8	9	10	11	12
	points	0	5	2 5	10	10	15	15	15	15	15	15	15	15
					Write	0, 5, 10	0 or 15	in the	D poir	nt total	box	0	D Poi	nt Total
E.	of the	design		g? Ci	rcle the	e numb	er of n					WTF e		
	months	0	1	2	3	4	5	6	7	8	9	10	11	12
	points	0	0	2 5	3 5	5	10	10	10	10	10	10	10	10
					W	rite 0,	5,or 10	) in the	E poir	nt total	box	0	E Poir	nt Total
F.	design	loadir		rcle the	e numb	er of n	nonths					/WTF etal. V		
	months	0	1	2	3	4	5	6	7	8	9	10	11	12
	points	0	10	20	30	40	50	50	50	50	50	50	50	50

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

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

**TOTAL POINT VALUE FOR PART 1:** 0 (max = 80)

0 F Point Total

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 2016	6	10
February 2016	2	3
March 2016	2	2
April 2016	2	1
May 2016	2	3
June 2016	2	4
July 2016	4	15
August 2016	7	2
September 2016	4	7
October 2016	2	4
November 2016	6	3
December 2016	4	5

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

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

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C.	Continuous	Discharge	to Surface	Water.

i.	How many months did the effluent CBOD (Column 1) exceed 90% of the permit limits?
	Circle the number of months and the corresponding point total. Write the point total in
	the box below at the right.

months points	1	1	2	3	4	5	6	7	8	9	10	11	12
points	0	0	10	20	30	40	40	40	40	40	40	40	40
			Wri	te 0, 1	0, 20, 3	30 or 4	0 in th	e i poir	nt total	box	0	i Poin	t Total

**ii.** How many months did the effluent CBOD (Column 1) exceed permit limits? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months points	0	1	2	3	4	5	6	7	8	9	10	11	12
points	0	5	5	10	10	10	10	10	10	10	10	10	10
				Wr	rite 0, 5	5, or 10	) in the	ii poir	nt total	box	0	ii Poir	nt Total

**iii.** How many months did the effluent TSS (Column 2) exceed 90% of the permit limits? Circle the number of months and the corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12	
months points	0	0	10	20	30	40	40	40	40	40	40	40	40	
			Write	e 0, 10,	, 20, 30	or 40	in the	iii poii	nt total	box	0	iii Poi	nt Total	l

**iv.** How many months did the effluent TSS (Column 2) exceed permit limits? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12
months points	0	5	5	10	10	10	10	10	10	10	10	10	10
				Wri	ite 0, 5	, or 10	in the	iv poir	nt total	box	0	iv Poi	nt Total

v. Add together each point total for i through iv and place this sum in the box below at the right.

**TOTAL POINT VALUE FOR PART 2:**  $0 \pmod{100}$ 

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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?
	$\sqrt{\text{Check one box.}}$ 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?  √ Check one box.  Yes 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 $\boxed{\chi}$ 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 expansi	ion/
	improvements completed?	
	2000	

				2009
Current Year	-	Answer to A	=	Age in years
2016		2009	_	7

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 sludge, etc)	2.5
	Specify Type: Return activated sludge	_
	Aerated Lagoon	2.0
	Stabilization Pond	1.5
	Other 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 =**

$$\frac{2.5}{Factor} \quad x \qquad \frac{7}{Age} = \boxed{17.5} \quad (max = 50)$$

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.

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
1.	discharge of untreated or incompletely treated wastewater due to heavy rain:
	$\sqrt{\text{Check one box.}}$
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
B. 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:
	✓ Check one box. $\square$ 0 = 0 points $\square$ 3 = 15 points $\square$ 4 = 30 points $\square$ 2 = 10 points $\square$ 5 or more = 50 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: 0 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
D.	Add the point values checked for A and B and place the total in the box below.
	TOTAL POINT VALUE FOR PART 4: $0 \pmod{100}$ (max = 100) Also enter this value or 100, whichever is less, on the point calculation table on page 16.
E.	List the person responsible (name and title) for reporting overflows, bypasses or unpermitted discharges to State and Federal authorities:
	Tim Brown, Utility Manager or Greg Gorden, Director - Dept of Enviro Services
	Describe the procedure for gathering, compiling and reporting:
	Field staff reports incidents, management notifies DEQ verbally and/or written

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

A. Sludge 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
 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</th>
 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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#### PART 6: NEW DEVELOPMENT

<b>A.</b>	Please provide the followere installed during		tion for the tota	l of all sewer line ex	xtensions which
	Design Population:	N/A			
	Design Flow:	N/A	MGD		
	Design BOD:	N/A	mg/l		
В.	Has an industry (or other in the past year, such to significantly increased	hat either flow	or pollutant loa		
	$\sqrt{\text{Check one box.}}$	Yes	= 15 points	X No = 0 point	ts
	If Yes, Please describe	2:			
		INO			
	List any new pollutant	ES:	1		
C.	Is there any developm 2-3 years, such that eigsignificantly increase?	ther flow or po			
	√ Check one box.	Yes	= 15 points	X No = 0 point	ts
	If Yes, Please describe	2:			
		INOI	significant		
	List any new pollutant	ts you anticipat	e:		
	None at this time				
D.	Add together the point	t value checked	l in B and C and	place the sum in th	ne box below.
		TOTAL 1	POINT VALUI	E FOR PART 6:	0 (max = 30)

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

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## PART 7: OPERATOR CERTIFICATION AND EDUCATION

A.	What was the name of the operator-in-charge for the reporting year?			
		Name:	Gilbert McKenzie	
В.	What is his or her certi		5833	
C.	What level of certificat wastewater treatment f		arge required to have to operate the	
D.	What is the level of cer	rtification of the operator-		
_,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Level Certified:	C	
Е.		Was the operator-in-charge of the report year certified at least at the grade level required in order to operate this plant?		
	$\sqrt{\text{Check one box.}}$	X Yes = 0 points	$\square$ No = 50 points	
	Wr	ite 0 or 50 in the E point t	total box 0 E Point Total	
F.	Has the operator-in-chayear?	arge maintained recertification	ation requirements during the reporting	
	√ Check one box.	X Yes	☐ No	
G.	How many hours of co last two calendar years	•	e operator-in-charge completed over the	
	$\sqrt{\text{Check one box.}}$	$\boxed{\chi}$ > 12 hours = 0	points	
	Wri	ite 0 or 50 in the G point t	total box 0 G Point Total	
Н.	Is there a written policy treatment plant employ		ucation an training for wastewater	
	$\sqrt{\text{Check one box.}}$	X Yes	No No	
	Explain:	Budget allocated and	training schedule set at beginning of each ye	
I.	What percentage of the paid for:	e continuing education exp	penses of the operator-in-charge were	
	By the permittee?	100	By the operator?	
J.	Add together the E and	G point values and place	e the sum in the box below at the right.	
		TOTAL POINT VA	<b>ALUE FOR PART 7:</b> $0 \pmod{100}$	
	Also enter this value	e or 100, whichever is less	s, on the point calculation table on page 16.	

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## PART 8: FINANCIAL STATUS

Α.	Are User-Charge Revenues sufficient to cover operation and maintenance expenses?
	$\vee$ Check one box. $\boxed{X}$ Yes $\boxed{\ }$ No If No, How are $O\&M$ costs financed?
В.	What financial resources do you have available to pay for your wastewater improvements and reconstruction needs?
	Revenue generated from the sale of water and sewer services.

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## PART 9: SUBJECTIVE EVALUATION

	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 under construction for the next 5 years?		
	Nothing currently scheduled.		
В.	Nothing currently scheduled.  If you have ponds please answer the following questions: N/A	√ Check one box.	
B. i. ii.	If you have ponds please answer the following questions: <b>N/A</b> Do you have duckweed buildup in the ponds?  Do you mow the dikes regularly (at least monthly), to the	Yes No	
i.	If you have ponds please answer the following questions: N/A  Do you have duckweed buildup in the ponds?  Do you mow the dikes regularly (at least monthly), to the waters edge?  Do you have bushes or trees growing on the dikes or in	Yes No	
i. ii.	If you have ponds please answer the following questions: <b>N/A</b> Do you have duckweed buildup in the ponds?  Do you mow the dikes regularly (at least monthly), to the waters edge?  Do you have bushes or trees growing on the dikes or in the ponds?  Do you have excess sludge buildup (> 1foot) on the bottom	Yes No	
i. ii. iii.	If you have ponds please answer the following questions: <b>N/A</b> Do you have duckweed buildup in the ponds?  Do you mow the dikes regularly (at least monthly), to the waters edge?  Do you have bushes or trees growing on the dikes or in the ponds?	☐ Yes       ☐ No         ☐ Yes       ☐ No         ☐ Yes       ☐ No	

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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 - not installed yet
	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?
	$\vee$ Check one box. $\square$ Yes $\square$ No If Yes, Please describe:

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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

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	0	80 points
Part 2: Effluent Quality / Plant Performance	0	100 points
Part 3: Age of WWTF	<u>17.5</u>	50 points
Part 4: Overflows and Bypasses		100 points
Part 5: Ultimate Disposition of Sludge	40	100 points
Part 6: New Development	0	30 points
Part 7: Operator Certification Training	0	100 points

TOTAL POINTS:

57.5 = Acceptable

## **ATTACHMENT - RESOLUTION**

#### ST. TAMMANY PARISH MWPP RESOLUTION

Resolved the Municipal Water Pollution Prevention Environmental Audit Report which

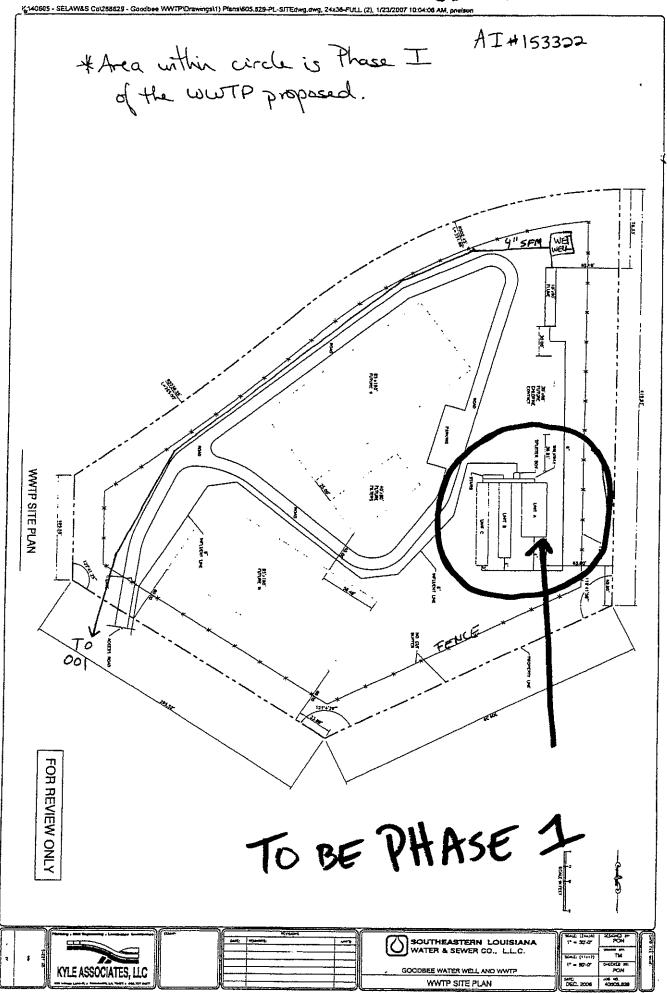
Resolved that the village/town/city of <u>Goodbee Regional</u> sewered area informs the Louisiana Department of Environmental Quality that the following actions were taken by <u>St. Tammany Parish Council.</u>

is attached to this resolution. (See official Parish document).

1.

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
	d by a majority/unanimous (circle one) vote of the (date).

CLERK



#### **Resolution Administrative Comment**

RESOLUTION TO ACKNOWLEDGE THE RECEIPT AND REVIEW OF THE 2016 MUNICIPAL WATER POLLUTION PREVENTION ENVIRONMENTAL AUDIT REPORT FOR THE GOODBEE REGIONAL 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. No compliance actions were indicated.