Permitting Implementation Plan for Bayou Lacombe (Subsegment 040901, 040902) Phase I DO <u>TMDL</u>

Phase I Permit Implementation

All TMDL, permitting, and enforcement activities will be conducted in accordance with the Clean Water Act, the Louisiana Environmental Regulatory Code, and applicable state laws.

1. New discharges of oxygen-demanding loads:

Due to the ONRW status of Bayou Lacombe, the waterbody is afforded Tier 3 protection, according to 40 CFR 131.12 (a)(3). New or increased discharges that will cause degradation, as defined in LAC 33:IX.1119.C.4, will not be approved. However, in the event that such a discharge will not cause degradation and one of the requirements below can be attained, LDEQ may permit the new discharge. Such new facilities may be required to submit an environmental impact assessment to LDEQ's permitting staff, which will conduct a thorough evaluation of the proposed facility based on environmental impacts, economic benefits, an analysis of alternatives, and other pertinent factors. The typical permit limits will be 5 mg/L BOD₅ / 2 mg/L NH₃ / 5 mg/L DO.

- a. The facility demonstrates that it will provide a significant load reduction of man-made oxygen-demanding constituents to the impaired watershed(s) serviced by the facility. The facility must also contribute to a reduction in the number of facilities discharging to the watershed(s). Facilities that may be considered for permits under this provision include, but are not limited to:
 - i. A facility that will provide improved sewage treatment to multiple subdivisions previously serviced by wastewater treatment plants that are incapable of treating to tertiary limits.
 - ii. A facility that will provide sewage collection and treatment to previously unsewered areas in which many of the sanitary discharges from permitted facilities and individual home treatment units were entering an impaired watershed. As a result, the facility would be expected to provide more efficient treatment to the wastewater and reduce the net loading of oxygen-demanding substances in the watershed.
- b. The facility demonstrates that its wastewater will not leave the facility or its property. Significant stormwater events do not apply to this provision. For the purpose of this provision, a significant stormwater event is defined as the

25 year, 24 hour rainfall event or its numerical equivalent, as defined by the Southern Regional Climate Center.

- i. Facilities that may be considered under this provision include, but are not limited to:
 - a. Effluent reduction and/or "no discharge" systems that have been approved by the Louisiana Department of Health and Hospitals.
 - b. Wastewater treatment plants equipped with overland flow systems in which the effluent will not leave the facility.
 - c. Wastewater treatment plants equipped with holding ponds that will retain the effluent such that the effluent will not leave the facility.
- LDEQ recognizes that some local governments are in the process of ii. building or expanding regional sewage collection and treatment systems. In such areas, LDEQ may, on a limited basis, grant permits of limited durations to facilities that agree to tie into a regional collection and treatment system when it becomes available. LDEQ must have absolute assurance that the regional collection system will be available to the facility and the facility will connect to the regional collection system on or before the expiration date of the permit. Such assurance may include a formal agreement between the facility, the owner and operator of the regional wastewater treatment system, and LDEQ. The regional system must have the capacity to treat the additional wastewater. Such a permit may have a duration of less than five years or it may have a five year duration with interim permit limits. The permit will be written based on projected completion dates for the construction of the collection and treatment The facility will be required to cease all wastewater system. discharges to the Bayou Lacombe watershed and transfer the discharge to the regional collection system once the permit or interim limits expire or the collection system is available to the facility, whichever comes first. If the permit or interim limits expire, but, due to unforeseen circumstances, the availability of the collection system has been temporarily delayed, the duration of the permit or interim limits may be extended. If the availability of the collection system has been indefinitely delayed, the facility may be required to consider alternatives. Such alternatives may include processes that lead to a reduction or complete removal of the discharge to Bayou

Lacombe, such as those outlined in item 1.b.i above or the use of a different flow path to state waters.

- c. LDEQ reassesses Subsegments 040901 and 040902 (Bayou Lacombe). LDEQ determines that Subsegments 040901 and 040902 are meeting the appropriate DO criteria and designated uses.
- 2. Existing discharges of oxygen demanding loads:

The Phase I permit limits for existing dischargers in the Bayou Lacombe watershed are presented in Tables 5 - 6. Post-aeration is recommended. Existing facilities discovered to be discharging oxygen-demanding loads without LPDES permits as of the TMDL approval date are to be permitted in accordance with the limits established for existing facilities with permits. Unpermitted facilities that are newly activated or reactivated and discharging after the TMDL approval date may be subjected to enforcement actions and will be required to tie into regional collection and treatment systems, once those systems are available. Once the TMDL is approved, existing facilities may have up to 3 years from their next permit renewal date to meet the interim limits.

3. Nutrient monitoring (i.e., reporting for Total Nitrogen and Total Phosphorus) will be required for individual permits. Nutrient monitoring will be added to the general permit series (LAG530000, LAG540000, LAG560000, and LAG570000) upon the next scheduled renewal of each series.

Phase II will be developed based on the outcome of a planned ecoregion-based use attainability analysis (UAA). Based on data collected in previous UAA studies, this UAA may propose new DO criteria for many of the Pontchartrain Basin TMDLs that are currently being developed. These TMDLs have an EPA backstop due date of March 31, 2012. This new DO criteria is expected to be developed and promulgated within the next two to three years.

In the event the new criteria is not developed and promulgated within five years from the TMDL approval date, LDEQ intends to proceed in the following manner:

Case 1: The UAA study indicates that the current DO criterion is appropriate - the TMDL will be fully implemented based on the existing DO criteria.

Case 2: The UAA is not likely to be completed and/or approved - the TMDL will be fully implemented based on the existing DO criteria.

Case 3: The UAA is in process and is expected to be approved – Phase II of the TMDL will be postponed for a maximum period of 2 years. If the UAA has not been completed at the end of this period, the UAA status will be reviewed again according to Cases 1 - 3.

Table 5. Interim Limits for 040901 Point Sources

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description from Permit	First Named Receiving Waterbody	Current Expected Flow	Current Monthly	Average Limits	e Concentration	Interim Phas Average Conce			
							Matchbody	GPD	BOD5/CBOD5, mg/L**	NH₃- N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
St. Tammany Parish Stormwater	108405	LAR041024	12/4/2012	Stormwater	N/A	Ditches to Bayou Lacombe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	MS4 addressed in model and TMDL. This TMDL will not impose permit limits.
WTSO Utilities, Beau Village Subdivision	33916	LAG570118	Permit not reauthorized due to outstanding fees or penalties that are past due. EDMS document 8/21/2009.	Oxidation pond	001	Unnamed ditch, Bayou Lacombe	Bayou Lacombe	24,000	10	No limit	No limit	10	2	2	This facility is included in the Beau Village Ditch. The ditch is 3.0 km long, and the facility enters the ditch at RKM 2.9. The ditch enters Bayou Lacombe at RKM 14.6.
Frito-Lay Inc	41574	LAG530665	11/30/2012	STP	001	Unnamed ditch, Bayou Lacombe	Bayou Lacombe	300	45 WA	No limit	No limit	45	*	*	Included in Cluster 1 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.6. The ditch enters Bayou Lacombe at RKM 19.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description from Permit	First Named Receiving Waterbody	Current Expected Flow	Current Monthly	v Average Limits	Concentration	Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH₃- N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Central Progressive Bank - Operations Center	43188	LAG530822	11/30/2012	STP	001	Bayou Lacombe	Bayou Lacombe	<2,500	45 WA	No limit	No limit	45	*	*	Included in Cluster 1 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.6. The ditch enters Bayou Lacombe at RKM 19.1.
Pavestone Co.	52076	LAG480263	11/30/2015	001 & 002: STP	001 & 002	001 & 002: Ditch, Bayou Lacombe	Bayou Lacombe	001: 800, 002: <1,440	001 & 002: 30	No limit	No limit	30	*	*	Included in Cluster 2 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.4. The ditch enters Bayou Lacombe at RKM 19.1.
Coast Concrete Service Inc	86020	LAG531123	11/30/2012	STP	001	Private ditch, parish ditch, state ditch, Bayou Lacombe	Bayou Lacombe	200	45 WA	No limit	No limit	45	*	*	Included in Cluster 1 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.6. The ditch enters Bayou Lacombe at RKM 19.1.
US Fish & Wildlife Service - Southeast Louisiana Refuges	93344	LAG531332	11/30/2012	STP	001 (visitor center), 002 (office building)	Bayou Lacombe	Bayou Lacombe	001=560, 002=560	45 WA	No limit	No limit	20	10	2	Assume the facility discharges directly to Bayou Lacombe at RKM 12.7.

Facility AI N	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description from Permit	First Named Receiving Waterbody	Current Expected Flow	Current Monthly	Average Limits	Concentration	Interim Phase Average Concer			
							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	GPD	BOD5/CBOD5, mg/L**	NH₃- N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH₃- N, mg/L	DO, mg/L	Modeling Comments
North Shore Unitarian Universalist Society Church	94618	LAG531308	11/30/2012	STP	001	Local drainage, Bayou Lacombe	Bayou Lacombe	850	45 WA	No limit	No limit	45	*	*	Included in Cluster 1 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.6. The ditch enters Bayou Lacombe at RKM 19.1.
Southern Natural Gas Co - Lacombe Compressor Station	94746	LAG531415	11/30/2012	STP	001	Local drainage, unnamed small tributary, Bayou Lacombe	Bayou Lacombe	<2,500	45 WA	No limit	No limit	45	*	*	Assume the flow path is Fish Hatchery Rd ditch-unnamed tributary-Bayou Lacombe. The ditch/trib is 2.1 km long, and the facility enters the ditch at RKM 2.0. The ditch/trib is designated as SNG ditch and enters Bayou Lacombe at RKM 19.4.
Central Progressive Bank - Krentel Road Office/Warehouse Complex	102362	LAG531352	11/30/2012	STP	001	State ditch, Bayou Lacombe	Bayou Lacombe	600	45 WA	No limit	No limit	45	*	*	Included in Cluster 1 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.6. The ditch enters Bayou Lacombe at RKM 19.1.
Krentel Road Office Building	116987	LAG531504	11/30/2012	STP	001	Local drainage, Bayou Lacombe	Bayou Lacombe	60	45 WA	No limit	No limit	45	*	*	Included in Cluster 1 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.6. The ditch enters Bayou Lacombe at RKM 19.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description from Permit	First Named Receiving Waterbody	Current Expected Flow	Current Monthly	/ Average Limits	Concentration	Interim Phas Average Concer			
							Waterbouy	GPD	BOD5/CBOD5, mg/L**	NH₃- N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH₃- N, mg/L	DO, mg/L	Modeling Comments
Lacombe Land LLC - The North Institute Project	118350	LAG531823	11/30/2012	STP	001	Local drainage, Bayou Lacombe	Bayou Lacombe	500	45 WA	No limit	No limit	45	*	*	Included in Cluster 1 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.6. The ditch enters Bayou Lacombe at RKM 19.1.
St Tammany Parish Government - Keller Barn	119164	LAG480356	11/30/2015	STP	001	Local drainage, Bayou Lacombe	Bayou Lacombe	140	30	No limit	No limit	20	10	2	This facility is included in the Keller Barn Ditch. The ditch is 0.9 km long, and the facility enters the ditch at RKM 0.8. The ditch enters Bayou Lacombe at RKM 17.3.
St Tammany Speedway	120304	LAG531589	11/30/2012	Two oxidation ponds	001	Local drainage, Bayou Lacombe	Bayou Lacombe	2,400	45 WA	No limit	No limit	45	*	*	Assume the flow path is Hwy. 36 ditch then to Bayou Lacombe. This facility was included in the ditch named Hwy. 36 ditch BL. The ditch is 4.2 km long, and the facility enters the ditch at RKM 1.3. The ditch enters Bayou Lacombe at RKM 30.0.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description from Permit	First Named Receiving Waterbody	Current Expected Flow	Current Monthly	v Average Limits	e Concentration	Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH₃- N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
St Tammany Parish Fire District # 3 - St Tammany Fire Station # 33	122894	LAG531702	11/30/2012	STP	001	Unnamed ditch, Bayou Lacombe	Bayou Lacombe	40	45 WA	No limit	No limit	45	*	*	Included in Cluster 1 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.6. The ditch enters Bayou Lacombe at RKM 19.1.
Lacombe Stores LLC	128325	LAG531876	11/30/2012	STP	001	Hwy. 434 roadside ditch, unnamed tributary of Bayou Lacombe, Bayou Lacombe (verified from map in application and ArcGIS). (Approximately 0.9 miles from point of discharge to Bayou Lacombe)	Bayou Lacombe	720	30	No limit	No limit	30	*	*	Included in Cluster 2 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.4. The ditch enters Bayou Lacombe at RKM 19.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description from Permit	First Named Receiving Waterbody	Current Expected Flow	Current Monthly	/ Average Limits	Concentration	Interim Phas Average Concer			
							haterbody	GPD	BOD5/CBOD5, mg/L**	NH₃- N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Animal Services Campus - St. Tammany Parish Government	138040	LAG532078	11/30/2012	Extended aeration with chlorination and detention pond	001	Local drainage, Bayou Lacombe	Bayou Lacombe	4,000	30	No limit	No limit	30	*	*	Assume the flow path is Hwy. 36 then Bayou Lacombe. This facility was included in the ditch named Hwy. 36 ditch BL. The ditch is 4.2 km long, and the facility enters the ditch at RKM 4.1. The ditch enters Bayou Lacombe at RKM 30.0.
H&M Metal Express LLC - Patten's Metal Express	149786	LAG532240	11/30/2012	STP	001	Ditch, parish drainage ditch, Bayou Lacombe	Bayou Lacombe	40	45 WA	No limit	No limit	45	*	*	Included in Cluster 1 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.6. The ditch enters Bayou Lacombe at RKM 19.1.
Journey Fellowship Church Inc	151676	LAG541687	6/30/2013	ATU	001	Retention pond, 2.01 miles in unnamed ditch, Bayou Lacombe	Bayou Lacombe	7,500	30	No limit	No limit	30	*	*	Included in Cluster 2 on Hwy. 434/I-12 BL ditch. The cluster enters the ditch at RKM 1.4. The ditch enters Bayou Lacombe at RKM 19.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description from Permit	First Named Receiving Waterbody	Current Expected Flow	Current Monthly	/ Average Limits	Concentration	Interim Phas Average Concer		-	
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Axonic, LLC, Neurology Clinic	155402	LAG532735	11/30/2012	ATU	001	Hwy. 434 ditch, other drainage, Bayou Lacombe	Bayou Lacombe	1,000	45 WA	No limit	No limit	45	*	*	Assume the flow path is Hwy. 434 ditch, I-12 ditch, Bayou Lacombe. This facility enters the Hwy. 434/I- 12 ditch at RKM 2.6, and the ditch enters Bayou Lacombe at RKM 19.1.
Carmelite Spirituality Center - Sisters of Mt Carmel	157591	LAG532869	11/30/2012	STP	001	Effluent pipe, Bayou Lacombe	Bayou Lacombe	500	45 WA	No limit	No limit	20	10	2	Assume this facility discharges directly to Bayou Lacombe at RKM 15.0.

*No limit for this parameter as a result of this TMDL

**WA=Weekly Average

^a This TMDL was developed for critical low-flow conditions (7Q10). Therefore the WLAs for all stormwater discharges will be 0.0 lb/d under critical low flow conditions.

Table 6. Interim Limits for 040902 Point Sources

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Montl Concentrati			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH₃- N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH₃- N, mg/L	DO, mg/L	Modeling Comments
St. Tammany Parish Stormwater	108405	LAR041024	12/4/2012	Stormwater	N/A	Ditches to Bayou Lacombe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	MS4 addressed in model and TMDL. This TMDL will not impose permit limits.
Lacombe Car Care	6470	LAG531601	11/30/2012	Mechanical treatment plant	001	Unnamed ditch, Bayou Lacombe	Bayou Lacombe	290	45 WA	no limit	no limit	30	15	2	Included in cluster 4 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.0. The ditch enters Bayou Lacombe at RKM 11.1.
Brier Lake Utilities Inc - Brier Lake Estates	31079	LAG570209	4/30/2014	Lagoon	001	Cypress Bayou, Bayou Lacombe	Cypress Bayou	40,000	10	no limit	no limit	10	2	2	This facility appears to discharge directly into Cypress Bayou. The facility is located in the portion of Cypress Bayou where there is no data; therefore, the facility was input at RKM 4.8.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Montl Concentrati			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Goux Enterprises Inc - Lacombe Nursing Home	33986	LAG540330	6/30/2013	STP	001	Local drainage, Bayou Lacombe	Bayou Lacombe	9,800	30	no limit	no limit	20	10	2	Assume the flow path is Hwy. 190 ditch to BL. Included in cluster 6 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.3. The ditch enters Bayou Lacombe at RKM 11.1.
Janie Brown's Casual Restaurant	40796	LAG530691	11/30/2012	STP	001	Roadside ditch, Bayou Lacombe	Bayou Lacombe	1,750	30	no limit	no limit	20	10	2	This facility is included in the ditch designated as Hwy. 190 ditch BL. The ditch is 2.2 km long, and the facility enters the ditch at RKM 1.9. The ditch enters Bayou Lacombe at RKM 11.1.
ICO Corp	41881	LAG530256	11/30/2012		001	Cypress Bayou, Bayou Lacombe	Cypress Bayou	80	45 WA	no limit	no limit	20	10	2	Due to the proximity of the facility to Cypress Bayou, assume it's a direct discharge. The facility was input at RKM 4.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Monti Concentrati			Interim Phase Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH3- N, mg/L	DO, mg/L	Modeling Comments
M&Ms Snoballs	42348	LAG530845	11/30/2012	Septic tank	001	Local drainage, Bayou Lacombe	Bayou Lacombe	270	45 WA	no limit	no limit	30	15	2	Assume the flow path is Hwy. 190 ditch to BL. Included in cluster 5 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.5. The ditch enters Bayou Lacombe at RKM 11.1.
Regina Coeli Child Development Center - Lacombe/Mandeville Head Start	43023	LAG530456	11/30/2012	Sanitary treatment system	001	Ditch, unnamed stream, Bayou Lacombe	Bayou Lacombe	1,950	30	no limit	no limit	20	10	2	This facility is included in the ditch designated as Hwy. 190 ditch BL. The ditch is 2.2 km long, and the facility enters the ditch at RKM 2.1. The ditch enters Bayou Lacombe at RKM 11.1.
Abraham Williams Apartments	43087	LAG530471	11/30/2012	STP	001	Cousin Street drain, Bayou Lacombe	Bayou Lacombe	1,940	30	no limit	no limit	20	10	2	This facility is not near the other clustered facilities. However, to simplify the model, this facility was included in Cluster 6 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.3. The ditch enters Bayou Lacombe at RKM 11.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Monti Concentrati			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Chahta Ima Elementary School	43400	LAG540698	6/30/2013	STP	001	Ditch, Bayou Lacombe	Bayou Lacombe	7,950	30	no limit	no limit	20	10	2	Included in cluster 3 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.1. The ditch enters Bayou Lacombe at RKM 11.1.
Bayou Lacombe Middle School	43406	LAG570058	4/30/2014	STP	001	Ditch, Bayou Lacombe	Bayou Lacombe	4,600	10	no limit	no limit	10	5	2	This facility is included in the ditch designated as Hwy. 190 ditch BL. The ditch is 2.2 km long, and the facility enters the ditch at RKM 0.9. The ditch enters Bayou Lacombe at RKM 11.1.
Russell's Quick Stop LLC	70935	LAG532035	11/30/2012	STP	001	Hwy. 190 ditch, Bayou Lacombe	Bayou Lacombe	1,855	30	no limit	no limit	20	10	2	Included in cluster 6 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.3. The ditch enters Bayou Lacombe at RKM 11.1

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Montl Concentrati			Interim Phas Average Concer		-	
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
J&S Bayou Gas & Go LLC	75143	LAG532912	11/30/2012	STP	001	Local drainage for 0.43 miles, Bayou Lacombe	Bayou Lacombe	120	45 WA	no limit	no limit	30	15	2	Assume the flow path is Hwy. 190 ditch to BL. Included in cluster 5 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.5. The ditch enters Bayou Lacombe at RKM 11.1.
A&L Enterprise LLC	75810	LAG532848	11/30/2012	STP	001	Roadside ditch for 1.46 miles, Bayou Lacombe	Bayou Lacombe	100	45 WA	no limit	no limit	30	15	2	Assume the flow path is Hwy. 190 ditch to BL. Included in cluster 5 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.5. The ditch enters Bayou Lacombe at RKM 11.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Mont Concentrati			Interim Phase Average Concer			
							,	GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
J & S Chevron LLC	84112	LAG531082	11/30/2012	STP	001	Local drainage, Bayou Lacombe	Bayou Lacombe	3,100	30	no limit	no limit	20	10	2	Included in cluster 3 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.1. The ditch enters Bayou Lacombe at RKM 11.1.
Sal & Judy's Restaurant	89241	LAG531238	11/30/2012	STP	001	Bayou Lacombe	Bayou Lacombe	3,630	30	no limit	no limit	20	10	2	Included in cluster 3 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.1. The ditch enters Bayou Lacombe at RKM 11.1.
Southeastern Louisiana Water & Sewer Co.,LLC, Medcath WWTP, LA Medical Center & Heart Hospital	94173	LAG570479	4/30/2014	STP	001	Effluent pipe to local drainage pond to Hwy 434 ditch, 1-12 drainage ditch, Big Branch, Bayou Lacombe	Big Branch	60,000	10	no limit	no limit	10	2	2	This facility is included in the Hwy. 434/I-12 BBB ditch. The ditch is 6.5 km long. This facility enters the ditch at RKM 3.7. The ditch enters BBB at RKM 5.8 but there is no stream data at that point; therefore, the ditch will enter BBB at RKM 5.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Mont Concentrati			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Hwy 434 Mini Storage Inc	97944	LAG531397	11/30/2012	STP	001	Local drainage, Bayou Lacombe	Bayou Lacombe	20	45 WA	no limit	no limit	30	15	2	Assume the flow path is Hwy. 434 ditch-Hwy. 190 ditch-Bayou Lacombe. This facility is included in the Hwy 434/190 ditch BL. The ditch is 2.2 km long, and the facility enters the ditch at RKM 2.1. The ditch enters Bayou Lacombe at RKM 11.0.
Carollo's Shopping Center	99609	LAG531547	11/30/2012	ATU	001	Local drainage, highway ditch, Bayou Lacombe	Bayou Lacombe	>2,500 & <5,000	30	no limit	no limit	20	10	2	Included in cluster 2 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.3. The ditch enters Bayou Lacombe at RKM 11.1.
OW Inc - Bayou Mini Storage	101375	LAG531325	11/30/2012	Mechanical treatment plant	001	Big Branch, Bayou Lacombe	Big Branch	20	45 WA	no limit	no limit	20	10	2	This facility is included in the Hwy. 190 BBB ditch. The ditch is 1.3 km long. To simplify the model, assume this facility enters the ditch at RKM 0.6. The ditch enters BBB at RKM 0.8.

Facility	AI No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Montl Concentrati			Interim Phase Average Concer			
							mailerbody	GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Folger Coffee Co - Lacombe Distribution Center	114220	LAG531459	11/30/2012	STP	001	Roadside ditch, Big Branch Bayou, Bayou Lacombe	Big Branch Bayou	4,000	30	no limit	no limit	20	10	2	Assume the ditch is 0.4 km long and the facility enters the ditch at RKM 0.3. The ditch is named Folger ditch. The ditch enters BBB at RKM 8.9; however there is no stream data at this point so the ditch will enter BBB at RKM 4.9.
Village Church Lutheran Inc - The Village Church Lutheran	114927	LAG532765	11/30/2012	STP	001	Unnamed ditch, Bayou Lacombe	Bayou Lacombe	2,100	30	no limit	no limit	20	10	2	This facility is not near the other clustered facilities. However, to simplify the model, this facility was included in Cluster 6 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.3. The ditch enters Bayou Lacombe at RKM 11.1.
LA Pines Ranch Inc	117076	LAG531595	11/30/2012	Oxidation pond	001	Local drainage, Cypress Bayou, Bayou Lacombe	Cypress Bayou	>2,500 & <5,000	30	no limit	no limit	20	10	2	Aerial maps from Bing show an oxidation pond nearby. Due to the proximity of the facility to Cypress Bayou, assume it's a direct discharge. The facility was input at RKM 3.8.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Mont Concentrat			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH₃- N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Tiller of the Land	119584	LAG531543	11/30/2012	STP	001	Hwy. 190 ditch, Cypress Bayou, Bayou Lacombe	Cypress Bayou	100	45 WA	no limit	no limit	20	10	2	This facility was included in the ditch named Hwy. 190 CB ditch. The ditch is 1.6 km long, and the facility enters the ditch at RKM 0.6. The ditch enters Cypress Bayou at a location where there is no stream data; therefore, the ditch will enter Cypress Bayou at RKM 4.6.
Highway 434 Retail Space	119750	LAG531587	11/30/2012	STP	001	Local drainage, Bayou Lacombe	Bayou Lacombe	220	30	no limit	no limit	20	10	2	This facility is included in the Hwy 434/190 ditch BL. The ditch is 2.2 km long, and the facility enters the ditch at RKM 0.4. The ditch enters Bayou Lacombe at RKM 11.0.
Pepes Mexican Restaurant LLC	122511	LAG531655	11/30/2012	STP	001	Local drainage, Bayou Lacombe	Bayou Lacombe	1,120	30	no limit	no limit	20	10	2	Assume the flow path is Hwy. 190 ditch to Bayou Lacombe. Included in cluster 6 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.3. The ditch enters Bayou Lacombe at RKM 11.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Montl Concentrati			Interim Phase Average Concer			
							materbody	GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Kevin J. Smith Construction Company - Smith Office Building	123821	LAG531695	11/30/2012	STP	001	Unnamed ditch, highway ditch, Cypress Bayou, Bayou Lacombe	Cypress Bayou	200	45 WA	no limit	no limit	20	10	2	Assume that the flow path is Hwy. 190 ditch to Cypress Bayou. This facility was included in the ditch named Hwy. 190 CB ditch. The ditch is 1.6 km long, and the facility enters the ditch at RKM 1.4. The ditch enters Cypress Bayou at a location where there is no stream data; therefore, the ditch will enter Cypress Bayou at RKM 4.6.
A to Z Preschool LLC	127495	LAG531853	11/30/2012	STP	001	Unnamed ditch, unnamed slough, Cypress Bayou, Bayou Lacombe	Cypress Bayou	1,700	45 WA	no limit	no limit	20	10	2	Assume that the flow path is Hwy. 190 ditch to Cypress Bayou. This facility was included in the ditch named Hwy. 190 CB ditch. The ditch is 1.6 km long, and the facility enters the ditch at RKM 1.5. The ditch enters Cypress Bayou at a location where there is no stream data; therefore, the ditch will enter Cypress Bayou at RKM 4.6.

Facility	AI No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Mont Concentrat			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
St. Tammany Parish Sheriff's Office - Lacombe Substation	130003	LAG531889	11/30/2012	STP	001	Highway ditch, Bayou Lacombe	Bayou Lacombe	500	45 WA	no limit	no limit	30	15	2	Included in cluster 4 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.0. The ditch enters Bayou Lacombe at RKM 11.1.
Anna Elliot - 28105 Hwy 190 Building	142046	LAG532100	11/30/2012	ATU	001	Pipe, Unnamed ditch, Bayou Lacombe	Bayou Lacombe	80	45 WA	no limit	no limit	30	15	2	Assume the flow path is Hwy. 190 ditch to BL. Included in cluster 5 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.5. The ditch enters Bayou Lacombe at RKM 11.1.
Taxpayer Properties II Lacombe LLC - Family Dollar	149801	LAG532247	11/30/2012	STP	001	Hwy. 190 ditch, unnamed canal, Bayou Lacombe	Bayou Lacombe	80	45 WA	no limit	no limit	30	15	2	Included in cluster 4 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.0. The ditch enters Bayou Lacombe at RKM 11.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Mont Concentrati			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Lloyd's Bayou Bargains	151841	LAG532286	11/30/2012	STP	001	Pipe, Main Street ditch, Bayou Lacombe	Bayou Lacombe	180	30	no limit	no limit	20	10	2	To simplify the model, assume the flow path is Hwy. 190 ditch to Bayou Lacombe. Included in cluster 6 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.3. The ditch enters Bayou Lacombe at RKM 11.1
US Postal Service - Lacombe Post Office	154892	LAG532531	11/30/2012	STP	001	Unnamed ditch, Bayou Lacombe	Bayou Lacombe	300	45 WA	no limit	no limit	30	15	2	Included in cluster 1 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.4. The ditch enters Bayou Lacombe at RKM 11.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Mont Concentrati			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH₃- N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH₃- N, mg/L	DO, mg/L	Modeling Comments
Russell's Quick Stop LLC - Bayou Daiquiris	155069	LAG532568	11/30/2012	STP	001	Parish drainage ditch, Bayou Lacombe	Bayou Lacombe	500	45 WA	no limit	no limit	30	15	2	Assume the flow path is Hwy. 190 ditch to BL. Included in cluster 5 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.5. The ditch enters Bayou Lacombe at RKM 11.1.
Python Corporation - Office/Warehouse	156133	LAG532658	11/30/2012	STP	001	Hwy. 190 ditch, Big Branch, Bayou Lacombe	Big Branch	120	45 WA	no limit	no limit	20	10	2	This facility is included in the Hwy. 190 BBB ditch. The ditch is 1.3 km long. This facility enters the ditch at RKM 1.2. The ditch enters BBB at RKM 0.8.
H2O Systems Inc - Cypress Park Subdivision	156693	LA0123862	10/31/2013	STP	001	Cypress Bayou, Bayou Lacombe	Cypress Bayou	120,000	5	2	5	5	2	5	1/1/2011-6/30/2011 DMRs-States no discharge from sample point. Inspection on 10/30/2009 indicated that the sewer plant was never constructed. Not included in the calibration. Included in projections.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Montl Concentrati			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
First Baptist Church of Lacombe	157435	LAG532764	11/30/2012	Septic tank	001	Unnamed drainage ditch, unnamed bayou, Bayou Lacombe	Bayou Lacombe	1,170	30	no limit	no limit	20	10	2	Included in cluster 2 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.3. The ditch enters Bayou Lacombe at RKM 11.1.
Feather & Fin Ranch	157509	LA0123986	10/31/2013	Aquaculture wastewater is treated by chlorination pool, sand filter, oxidation pond, and screen. Sanitary wastewater is treated by septic tank, then piped to aquaculture treatment system	001	Local drainage, Big Branch Bayou	Big Branch Bayou	56,000	25	20	no limit	10	10	2	Assume the facility's discharge goes to a ditch along Berry Todd Rd then to Big Branch Bayou. The ditch is 2.0 km long and is named Berry Todd Rd. ditch. The facility enters the ditch at 1.9 km. The ditch enters BBB at RKM 1.9.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Montl Concentrati			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH₃- N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Vinson Guard Service Inc	157523	LAG532867	11/30/2012	Septic tank	001	2.97 miles by Hwy. 190 ditch, Bayou Lacombe	Bayou Lacombe	60	45 WA	no limit	no limit	30	15	2	This facility is not near the other clustered facilities. However, to simplify the model, this facility was included in Cluster 5 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.5. The ditch enters Bayou Lacombe at RKM 11.1.
Cris Tees	157670	LAG532891	11/30/2012	STP	001	Roadside ditch for 1.01 miles, Bayou Lacombe	Bayou Lacombe	20	45 WA	no limit	no limit	30	15	2	Included in cluster 4 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.0. The ditch enters Bayou Lacombe at RKM 11.1.
Convention Key Cards LLC - Key Marketing	157721	LAG532793	11/30/2012	STP	001	Unnamed drainage ditch, Bayou Lacombe	Bayou Lacombe	80	45 WA	no limit	no limit	30	15	2	Included in cluster 1 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.4. The ditch enters Bayou Lacombe at RKM 11.1.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Montl Concentrati			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Sacred Heart Catholic Church	157759	LAG532808	11/30/2012	001: STP, 002: STP	001, 002	001: Roadside ditch for 0.89 miles, Bayou Lacombe. 002: Roadside ditch for 0.75 miles, Bayou Lacombe	Bayou Lacombe	2,000	45 WA	no limit	no limit	30	15	2	Assume the flow path is Hwy. 190 ditch to BL. Included in cluster 5 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.5. The ditch enters Bayou Lacombe at RKM 11.1.
St Tammany Fire Protection District 3 - Fire Station 32	157767	LAG532801	11/30/2012	STP	001	Unnamed ditch, Cypress Bayou	Cypress Bayou	20	45 WA	no limit	no limit	20	10	2	Assume that the flow path is Hwy. 190 ditch to Cypress Bayou. This facility was included in the ditch named Hwy. 190 CB ditch. The ditch is 1.6 km long, and the facility enters the ditch at RKM 0.9. The ditch enters Cypress Bayou at a location where there is no stream data; therefore, the ditch will enter Cypress Bayou at RKM 4.6.

Facility	Al No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Montl Concentrati			Interim Phas Average Concer			
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
St Tammany Fire Protection District 3 - Administration Office	157768	LAG532807	11/30/2012	STP	001	Roadside ditch, Bayou Lacombe	Bayou Lacombe	80	45 WA	no limit	no limit	30	15	2	Assume the flow path is Hwy. 190 ditch to BL. Included in cluster 5 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.5. The ditch enters Bayou Lacombe at RKM 11.1.
Salvatore Impastato - New Orleans Bistro	157850	LAG532899	11/30/2012	STP	001	Unnamed ditch, Bayou Lacombe	Bayou Lacombe	1,580	30	no limit	no limit	20	10	2	Included in cluster 2 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 1.3. The ditch enters Bayou Lacombe at RKM 11.1.
Kingdom Hall of Jehovah's Witnesses	157861	LAG532992	11/30/2012	STP	001	Effluent pipe, 1.13 miles in Hwy. 434 ditch, Bayou Lacombe	Bayou Lacombe	750	45 WA	no limit	no limit	30	15	2	This facility is included in the Hwy 434/190 ditch BL. The ditch is 2.2 km long, and the facility enters the ditch at RKM 0.5. The ditch enters Bayou Lacombe at RKM 11.0.

Facility	AI No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Monthly Average Concentration Limits			Interim Phase I Monthly Average Concentration Limits			
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
Mottie McClary/Southern Motor Carrier Safety Consultants	157892	LAG532847	11/30/2012	STP	001	Roadside ditch, Cypress Bayou, Bayou Lacombe	Cypress Bayou	40	45 WA	no limit	no limit	20	10	2	To simplify the model, assume that the flow path is Hwy. 190 ditch to Cypress Bayou. This facility was included in the ditch named Hwy. 190 CB ditch. The ditch is 1.6 km long, and the facility enters the ditch at RKM 0.8. The ditch enters Cypress Bayou at a location where there is no stream data; therefore, the ditch will enter Cypress Bayou at RKM 4.6.
St Tammany Parish Government - University Square WWTP	158419	LA0124451	6/30/2014	POTW	001	Pipe, Big Branch Bayou, Bayou Lacombe	Big Branch Bayou	300,000 from effective date of permit through phase II construction. 600,000 from completion of phase II construction through expir date of permit.	10	5	5				Not included in the model since the facility was not built at the time of the survey. There are no plans to start construction in the near future. No allocation was given to this facility.

Facility	AI No.	Permit No.	Permit Expiration Date	Facility Type	Outfall No.	Outfall Description	First Named Receiving Waterbody	Current Expected Flow	Current Monthly Average Concentration Limits		Interim Phase I Monthly Average Concentration Limits				
								GPD	BOD5/CBOD5, mg/L**	NH ₃ - N, mg/L	DO, mg/L	BOD5/CBOD5, mg/L	NH ₃ - N, mg/L	DO, mg/L	Modeling Comments
John Davis Park Community Center	162031	LAG533019	11/30/2012	STP	001	0.16 miles by Hwy. 190 ditch, Bayou Lacombe	Bayou Lacombe	5,000	30	no limit	no limit	20	10	2	This facility is not near the other clustered facilities. However, to simplify the model, this facility was included in Cluster 6 on Hwy. 190 ditch BL. The ditch is 2.2 km long, and the cluster enters the ditch at RKM 0.3. The ditch enters Bayou Lacombe at RKM 11.1.
H2O Systems, Inc., St. Tammany Parish Coroner's Complex	165334	LAG533227	11/30/2012	STP	001	Pipe, 1.23 miles in Hwy. 434 ditch, Big Branch Bayou, Bayou Lacombe	Big Branch Bayou	700	45 WA	no limit	no limit	20	10	2	Unable to duplicate flow path. Assume path is Hwy. 434 ditch, I-12 ditch, Big Branch Bayou. This facility is included in the Hwy. 434/I-12 BBB ditch. The ditch is 6.5 km long. This facility enters the ditch at RKM 5.9. The ditch enters BBB at RKM 5.8 but there is no stream data at that point; therefore, the ditch will enter BBB at RKM 5.1.

**WA=Weekly Average

^a This TMDL was developed for critical low-flow conditions (7Q10). Therefore the WLAs for all stormwater discharges will be 0.0 lb/d under critical low flow conditions.