

06/30/2016	001A	Oxygen, dissolved [DO] Monthly Average Minimum	5 mg/L	2.27 mg/L
06/30/2016	001A	Solids, total suspended Daily Maximum	23 mg/L	110 mg/L
06/30/2016	001A	Solids, total suspended Monthly Average	24 lb/d	41.45 lb/d
06/30/2016	001A	Solids, total suspended Monthly Average	15 mg/L	85.7 mg/L
07/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Daily Maximum	10 mg/L	60.5 mg/L
07/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	8 lb/d	21.15 lb/d
07/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	5 mg/L	58.85 mg/L
07/31/2016	001A	Nitrogen, ammonia total [as N] Daily Maximum	4 mg/L	23.9 mg/L
07/31/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	3 lb/d	7.82 lb/d
07/31/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	2 mg/L	21.8 mg/L
07/31/2016	001A	Oxygen, dissolved [DO] Monthly Average Minimum	5 mg/L	3.12 mg/L
07/31/2016	001A	Solids, total suspended Daily Maximum	23 mg/L	86.7 mg/L
07/31/2016	001A	Solids, total suspended Monthly Average	24 lb/d	26.48 lb/d
07/31/2016	001A	Solids, total suspended Monthly Average	15 mg/L	73.85 mg/L
08/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Daily Maximum	10 mg/L	>95.3 mg/L
08/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	8 lb/d	29.2 lb/d
08/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	5 mg/L	81.35 mg/L
08/31/2016	001A	Nitrogen, ammonia total [as N] Daily Maximum	4 mg/L	26 mg/L
08/31/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	3 lb/d	9.1 lb/d
08/31/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	2 mg/L	25.4 mg/L
08/31/2016	001A	Oxygen, dissolved [DO] Monthly Average Minimum	5 mg/L	2.62 mg/L
08/31/2016	001A	Solids, total suspended Daily Maximum	23 mg/L	145 mg/L
08/31/2016	001A	Solids, total suspended Monthly Average	24 lb/d	32.7 lb/d
08/31/2016	001A	Solids, total suspended Monthly Average	15 mg/L	91.3 mg/L
09/30/2016	001A	BOD, carbonaceous [5 day, 20 C] Daily Maximum	10 mg/L	>96.2 mg/L
09/30/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	8 lb/d	34.03 lb/d
09/30/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	5 mg/L	94.9 mg/L
09/30/2016	001A	Coliform, fecal general Daily Maximum	400 #/100mL	>2000 #/100mL
09/30/2016	001A	Coliform, fecal general Monthly Average Geometric	200 #/100mL	>2000 #/100mL
09/30/2016	001A	Nitrogen, ammonia total [as N] Daily Maximum	4 mg/L	33.4 mg/L
09/30/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	3 lb/d	11.76 lb/d
09/30/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	2 mg/L	32.8 mg/L
09/30/2016	001A	Oxygen, dissolved [DO] Monthly Average Minimum	5 mg/L	1 mg/L
09/30/2016	001A	Solids, total suspended Daily Maximum	23 mg/L	41.5 mg/L
09/30/2016	001A	Solids, total suspended Monthly Average	15 mg/L	36.15 mg/L
10/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Daily Maximum	10 mg/L	>96.8 mg/L
10/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	8 lb/d	31.16 lb/d
10/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	5 mg/L	86.9 mg/L
10/31/2016	001A	Coliform, fecal general Daily Maximum	400 #/100mL	>2000 #/100mL
10/31/2016	001A	Nitrogen, ammonia total [as N] Daily Maximum	4 mg/L	30.6 mg/L
10/31/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	3 lb/d	10.65 lb/d
10/31/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	2 mg/L	29.7 mg/L
10/31/2016	001A	Oxygen, dissolved [DO] Monthly Average Minimum	5 mg/L	1.89 mg/L
10/31/2016	001A	Solids, total suspended Daily Maximum	23 mg/L	30 mg/L
10/31/2016	001A	Solids, total suspended Monthly Average	15 mg/L	23.6 mg/L
11/30/2016	001A	BOD, carbonaceous [5 day, 20 C] Daily Maximum	10 mg/L	65.6 mg/L
11/30/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	8 lb/d	14.4 lb/d
11/30/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	5 mg/L	63.9 mg/L
11/30/2016	001A	Nitrogen, ammonia total [as N] Daily Maximum	4 mg/L	23.7 mg/L
11/30/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	3 lb/d	5.3 lb/d

11/30/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	2 mg/L	23.6 mg/L
11/30/2016	001A	Oxygen, dissolved [DO] Monthly Average Minimum	5 mg/L	3.25 mg/L
11/30/2016	001A	Solids, total suspended Daily Maximum	23 mg/L	104 mg/L
11/30/2016	001A	Solids, total suspended Monthly Average	15 mg/L	79.7 mg/L
12/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Daily Maximum	10 mg/L	83.1 mg/L
12/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	8 lb/d	28 lb/d
12/31/2016	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	5 mg/L	67.05 mg/L
12/31/2016	001A	Nitrogen, ammonia total [as N] Daily Maximum	4 mg/L	22.8 mg/L
12/31/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	3 lb/d	8.55 lb/d
12/31/2016	001A	Nitrogen, ammonia total [as N] Monthly Average	2 mg/L	20.5 mg/L
12/31/2016	001A	Oxygen, dissolved [DO] Monthly Average Minimum	5 mg/L	3.2 mg/L
12/31/2016	001A	Solids, total suspended Daily Maximum	23 mg/L	163 mg/L
12/31/2016	001A	Solids, total suspended Monthly Average	24 lb/d	56.3 lb/d
12/31/2016	001A	Solids, total suspended Monthly Average	15 mg/L	135 mg/L
01/31/2017	001A	BOD, carbonaceous [5 day, 20 C] Daily Maximum	10 mg/L	49.2 mg/L
01/31/2017	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	8 lb/d	9.5 lb/d
01/31/2017	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	5 mg/L	47.7 mg/L
01/31/2017	001A	Coliform, fecal general Daily Maximum	.400 #/100mL	>2000 #/100mL
01/31/2017	001A	Nitrogen, ammonia total [as N] Daily Maximum	4 mg/L	25.8 mg/L
01/31/2017	001A	Nitrogen, ammonia total [as N] Monthly Average	3 lb/d	4.9 lb/d
01/31/2017	001A	Nitrogen, ammonia total [as N] Monthly Average	2 mg/L	24.7 mg/L
01/31/2017	001A	Oxygen, dissolved [DO] Monthly Average Minimum	5 mg/L	2.5 mg/L
01/31/2017	001A	Solids, total suspended Daily Maximum	23 mg/L	122 mg/L
01/31/2017	001A	Solids, total suspended Monthly Average	15 mg/L	118 mg/L
02/28/2017	001A	BOD, carbonaceous [5 day, 20 C] Daily Maximum	10 mg/L	65.3 mg/L
02/28/2017	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	8 lb/d	19.77 lb/d
02/28/2017	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	5 mg/L	55.15 mg/L
02/28/2017	001A	Nitrogen, ammonia total [as N] Daily Maximum	4 mg/L	25.2 mg/L
02/28/2017	001A	Nitrogen, ammonia total [as N] Monthly Average	3 lb/d	7.1 lb/d
02/28/2017	001A	Nitrogen, ammonia total [as N] Monthly Average	2 mg/L	19.8 mg/L
02/28/2017	001A	Oxygen, dissolved [DO] Monthly Average Minimum	5 mg/L	3.41 mg/L
02/28/2017	001A	Solids, total suspended Daily Maximum	23 mg/L	250 mg/L
02/28/2017	001A	Solids, total suspended Monthly Average	24 lb/d	70.29 lb/d
02/28/2017	001A	Solids, total suspended Monthly Average	15 mg/L	196 mg/L
03/31/2017	001A	BOD, carbonaceous [5 day, 20 C] Daily Maximum	10 mg/L	79.8 mg/L
03/31/2017	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	8 lb/d	14.2 lb/d
03/31/2017	001A	BOD, carbonaceous [5 day, 20 C] Monthly Average	5 mg/L	71.1 mg/L
03/31/2017	001A	Coliform, fecal general Daily Maximum	.400 #/100mL	>2000 #/100mL
03/31/2017	001A	Coliform, fecal general Monthly Average Geometric	200 #/100mL	>2000 #/100mL
03/31/2017	001A	Nitrogen, ammonia total [as N] Daily Maximum	4 mg/L	29.2 mg/L
03/31/2017	001A	Nitrogen, ammonia total [as N] Monthly Average	3 lb/d	5.1 lb/d
03/31/2017	001A	Nitrogen, ammonia total [as N] Monthly Average	2 mg/L	25.7 mg/L
03/31/2017	001A	Oxygen, dissolved [DO] Monthly Average Minimum	5 mg/L	1.44 mg/L
03/31/2017	001A	Solids, total suspended Daily Maximum	23 mg/L	187 mg/L
03/31/2017	001A	Solids, total suspended Monthly Average	24 lb/d	31.12 lb/d
03/31/2017	001A	Solids, total suspended Monthly Average	15 mg/L	155.5 mg/L

SETTLEMENT AGREEMENTS

WHAT IS A SETTLEMENT AGREEMENT?

Once the Department has determined that a penalty is warranted for a violation, the Assistant Secretary of the Department, with the concurrence of the Attorney General, may enter into a settlement agreement with the Respondent as a means to resolve the Department's claim for a penalty.

HOW DOES THE SETTLEMENT AGREEMENT PROCESS WORK?

To begin the settlement agreement process, the Department must receive a written settlement offer. Once this offer is submitted, it is sent for approval by the Assistant Secretary of the Office of Environmental Compliance. The formal Settlement Agreement is drafted and sent to the Attorney General's office where the Attorney General has a 90 day concurrence period. During this time, the Respondent is required to run a public notice in an official journal and/or newspaper of general circulation in each affected parish. After which, a 45 day public comment period is opened to allow the public to submit comments. Once the Department has received concurrence, the settlement agreement is signed by both parties. The Department then forwards a letter to the responsible party to establish a payment plan and/or beneficial environmental project (BEP).

WHAT SHOULD I INCLUDE IN A SETTLEMENT AGREEMENT?

The Department uses the penalty determination method defined in LAC 33:1.705 as a guideline to accepting settlement offers. The penalty matrix is used to determine a penalty range for each violation based on the two violation specific factors, the nature and gravity of the violation and the degree of risk/impact to human health and property.

		NATURE AND GRAVITY OF THE VIOLATION		
		MAJOR	MODERATE	MINOR
DEGREE OF RISK OR IMPACT TO HUMAN HEALTH OR PROPERTY	MAJOR	\$32,500 to \$20,000	\$20,000 to \$15,000	\$15,000 to \$11,000
	MODERATE	\$11,000 to \$8,000	\$8,000 to \$5,000	\$5,000 to \$3,000
	MINOR	\$3,000 to \$1,500	\$1,500 to \$500	\$500 to \$100

Degree of Risk to Human Health or Property

Major: (actual measurable harm or substantial risk of harm) A violation of major impact to an environmental resource or a hazard characterized by high volume and/or frequent occurrence and/or high pollutant concentration.

Moderate: (potential for measurable detrimental impact) A violation of moderate impact and hazard may be one characterized by occasional occurrence and/or pollutant concentration that may be expected to have a detrimental effect under certain conditions

Minor: (no harm or risk of harm) A violation of minor impact are isolated single incidences and that cause no measurable detrimental effect or are administrative in nature.

Nature and Gravity of the Violation

Major: Violations of statutes, regulations, orders, permit limits, or permit requirements that result in negating the intent of the requirement to such an extent that little or no implementation of requirements occurred.

Moderate: Violations that result in substantially negating the intent of the requirements, but some implementation of the requirements occurred.

Minor: Violations that result in some deviation from the intent of the requirement; however, substantial implementation is demonstrated.

The range is adjusted using the following violator specific factors:

1. history of previous violations or repeated noncompliance;
2. gross revenues generated by the respondent;
3. degree of culpability, recalcitrance, defiance, or indifference to regulations or orders;
4. whether the Respondent has failed to mitigate or to make a reasonable attempt to mitigate the damages caused by the violation; and
5. whether the violation and the surrounding circumstances were immediately reported to the department, and whether the violation was concealed or there was an attempt to conceal by the Respondent.



SETTLEMENT AGREEMENTS

Given the previous information, the following formula is used to obtain a penalty amount.

$$\text{Penalty Event Total} = \text{Penalty Event Minimum} + (\text{Adjustment Percentage} \times (\text{Penalty Event Maximum} - \text{Penalty Event Minimum}))$$

After this, the Department adds any monetary benefit of noncompliance to the penalty event. In the event that a monetary benefit is gained due to the delay of a cost that is ultimately paid, the Department adds the applicable judicial interest. Finally, the Department adds all response costs including, but not limited to, the cost of conducting inspections, and the staff time devoted to the preparation of reports and issuing enforcement actions.

WHAT IS A BEP?

A BEP is a project that provides for environmental mitigation which the respondent is not otherwise legally required to perform, but which the defendant/respondent agrees to undertake as a component of the settlement agreement. Project categories for BEPs include public health, pollution prevention, pollution reduction, environmental restoration and protection, assessments and audits, environmental compliance promotion, and emergency planning, preparedness and response. Other projects may be considered if the Department determines that these projects have environmental merit and is otherwise fully consistent with the intent of the BEP regulations.

WHAT HAPPENS IF MY OFFER IS REJECTED?

If an offer is rejected by the Assistant Secretary, the Legal Division will contact the responsible party, or anyone designated as an appropriate contact in the settlement offer, to discuss any discrepancies.

WHERE CAN I FIND EXAMPLES AND MORE INFORMATION?

- Settlement Offers searchable in EDMS using the following filters
Media: Air Quality, Function: Enforcement; Description: Settlement
- Settlement Agreements Enforcement Division's website
- Penalty Determination Method specific examples can be provided upon request
- Beneficial Environmental Projects LAC 33:1 Chapter 7
- Judicial Interest..... LAC 33:1 Chapter 25
- FAQs
- provided by the Louisiana State Bar Association



EXHIBIT 7

The Department hereby adds the following violations to be included in the settlement agreement that were not previously part of any Enforcement Action/Order.

I.

Inspections conducted by the Department (from July 1, 2013-June 30, 2018) of Mo-Dad Utilities, LLC facilities and a file review conducted on August 29, 2018, revealed effluent exceedances that were reported on the Discharge Monitoring Reports (DMRs). (see attached **Effluent Exceedance Table** as part of **Exhibit 7**) All effluent exceedances are in violation of the Respondents' effective LPDES permits listed in **EXHIBIT 1** (Part I and/or Effluent Limitations and Monitoring Requirements and Part III and/or Standard Conditions, Section A.2), La. R.S. 30:2076 (A)(3), and LAC 33:IX.501.A.

II.

Inspections conducted by the Department (from July 1, 2013-June 30, 2018) of Mo-Dad Utilities, LLC facilities revealed the Respondent had operations and maintenance deficiencies. These operations and maintenance deficiencies are summarized below and are in violation of Part III and/or Standard Conditions, Sections A.2 and B.3.a of the Respondents' effective LPDES permits listed in **EXHIBIT I** of the Findings of Facts, La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.E.

- A. AI # 19006- Inspections conducted on or about October 8, 2015 and April 8, 2016, revealed the cell-dividing levees were badly damaged and water was overtopping the levees.
- B. AI # 20039- Inspection on February 2, 2017, revealed little to no levee freeboard along the east side of the pond and the opposite from the chlorinator. Pond water level was at the top of the levee surface. Out of four tube chlorine apparatus three tubes were empty. The one tube containing chlorine had two quarter size chlorine tablet. A follow-up inspection on February 21, 2017, revealed adequate disinfection was being provided.

The inspection conducted on February 19, 2018, noted that only one curtain was observed at the pond and about one-third of the curtain was submerged at each end (pictures 4 & 5). The three cell oxidation pond at this facility is formed by three curtains. The inspection also revealed little free board, significant alligator weed growth within the pond especially along west and rear levees, unauthorized discharge due to a breach in the rear levee with pond water flowing into a wooded area, and seepage and or leaks from western side of the levee.

- C. AI # 41305- Inspection on July 25, 2013, revealed dark receiving waters, and dilapidated fencing around the sewage treatment plant. Inspection conducted on March 2, 2018, revealed a small pile of sewage debris on the ground at the plant's discharge pipe. There was an unauthorized discharge where a plant joint was seeping slightly to the ground. The facility has two sludge returns. Neither were working. One of the three clarifier skimmers was not operating. Clarifier water was bubbling and suspended pin flock was present.
- D. AI# 41306- Inspection on November 14, 2017, revealed excessive amount of sewage sludge in the receiving ditch.
- E. AI # 43148 – Inspection on March 31, 2016, revealed aeration pumps were inoperative and there was excessive sludge in the treatment cells.
- F. AI # 43151- Inspection on December 18, 2017, revealed wastewater splashing at the influent splitter box. Two motors were not operational at the treatment unit. Several grates of the treatment unit were missing or rusted. Sewage sludge was observed on the ground between portions of the treatment unit.
- G. AI # 44011- Inspection on August 1, 2017, revealed treatment plant had solid/grease buildup in the plant and the lift station. Sewage sludge was present in the receiving stream with gray color and septic odor. A small leak was seen from the plant (see photo number 1 of the report).
- H. AI # 89506- Inspection on January 4, 2015, revealed metal grates were missing from aeration unit.
- I. AI # 92403- Inspection on April 8, 2016, revealed significant amount of solids in the clarifier of the sewage treatment plant.
- J. AI # 99915- Inspection on December 1, 2015, revealed accumulation of sludge in the treatment plant.
- K. AI # 100080- Inspection on October 13, 2017, revealed a leak near the influent pipe insertion point and the presence of sludge in the chlorine contact chamber.
- L. AI # 107437- Inspection on October 24, 2017, revealed one sludge return was not working. The water in the clarifier had fine solids and a few floating gray sludge cakes. Twelve inches of sludge was present within chlorine contact tank and the effluent receiving ditch.
- M. AI # 118720 – Inspection on December 21, 2015 revealed accumulation of sludge in the treatment plant.

- N. AI # 119176- Inspection on December 18, 2017, revealed sludge accumulation in the clarifier, chlorine contact chamber, and at the point of discharge from the effluent pipe.
- O. AI # 119805- Inspection on July 13, 2016, revealed the blower motor on the third treatment train was not operational, and thus, the skimmer and sludge returns were not working, and there was sludge present on the ground at the base of the splitter box.
- P. AI # 119849- Inspection on July 21, 2016, revealed solids in the clarifiers of the first two treatment trains and solids present along the weir plate of the third treatment unit.
- Q. AI # 123735 – Inspection on April 26, 2017, revealed the clarifier and chlorine contact chamber had a heavy buildup of solids. Also, overgrown vegetation was observed around the plant and in the receiving stream.
- R. AI # 123737- Inspection on December 7, 2016, revealed solids in the clarifier of the most northern treatment train and floating debris in the chlorination basin.
- S. AI # 123862 – Inspection on December 9, 2016, revealed an overgrowth of vegetation on the levees of the oxidation pond and at the outfall. The baffles in the oxidation pond do not effectively separate each cell of the pond, especially between cells 2 & 3. The curtain is submerged in some parts (see picture 3 of 5 of the report). The aerator in cell 2 was not operating at the time of the inspection. Also, the northwest corner of the oxidation pond showed signs of erosion/sinkholes.
- T. AI # 126420- Inspection on May 13, 2016, revealed part of the treatment plant were in disrepair and a significant amount of solids was observed inside the treatment system at the time of the inspection.
- U. AI # 128417 –Inspection on August 3, 2017, revealed evidence of sludge wasting and sewer debris in the receiving stream.
- V. AI # 129275- Inspection on October 10, 2016, revealed that uneven aeration was being provided in the treatment system, three diffusers were not operating, another diffuser was working at reduced capacity, two clarifier skimmers and a single sludge return were not operating and heavy solids containing vegetative growth were present in a section of the clarifier.
- W. AI # 136105- Inspection on November 4, 2015, revealed sludge discharged from the outfall and observed in the receiving stream.

- X. AI # 142117 – Inspection on August 14, 2017, revealed algae growth on the weir. Also, flocs and duckweed were noted in the plant.
- Y. AI # 147193- Inspection on August 3, 2017, revealed substantial buildup of floating solids in the clarifier with some vegetation. There was also some sewer debris in the receiving stream.
- Z. AI # 147231- Inspection on August 14, 2017, revealed the significant algae growth on the pond and on the weir.
- AA. AI # 147233 – Inspection on August 2, 2017, revealed both plant A and B had small amount of solids on the surface of the units. Plant A had some solids in the weir and the weir in plant B had accumulation of algae.
- BB. AI # 149913- Inspection on July 28, 2014, revealed the sewage treatment plant was not operating at the time of the inspection. The water in all sections of the plant was gray/black and a strong septic odor was detected.
- CC. AI # 150634 –Inspection on December 9, 2016, revealed of existence of multiple leaks in the plant resulting in discharges in the surrounding grounds and ultimately being discharged to the Bismark street ditch (east of the STP) and the subdivision’s stormwater retention pond (north of the STP). The unauthorized discharge of wastewater from the location not authorized by the LPDES Permit is in violation of La. R.S. 30:2076 (A)(1)(a) and LAC 33:IX.501.D.
- DD. AI # 150779 – Inspection on August 2, 2017, revealed the treatment plant walls had cracks near the influent and effluent pipes resulting in leaks in these areas. The chlorinator contained solids and wastewater was being discharged onto the ground from the chlorinator. The effluent pipe was detached from the chlorine contact chamber/retention tank due to a broken seal resulting wastewater being discharged directly from the tank onto the ground which flowed into Willis Bayou. The discharge was light brown and cloudy. The receiving stream was observed to be the same color where effluent entered the bayou and downstream. The unauthorized discharge of wastewater from a location not authorized by the LPDES permit LA0123293 that flowed into Willis Bayou is in violation of La.R.S.30:2076 (A)(1)(a) and LAC 33:IX.501.D.
- EE. AI # 151669 - Inspection on August 3, 2017, revealed that one train of the plant was not in operation at the time of the inspection. A buildup of floating grease was observed in the operational train of the plant.

- FF. AI # 154140- Inspection on April 16, 2018, revealed that only one of the two blowers was operational. Power was turned off to the non-operational blower, and associated air lines were disconnected. Excessive amounts of sludge and foam were present in the treatment cells.
- GG. AI # 157138-Inspection on August 5, 2014, in response to a citizen's complaint, revealed sludge buildup in portions of the plant. Discharge pipe could not be located due to vegetation overgrowth.
- HH. AI # 158035- Inspection on February 12, 2016, in response to a citizen's complaint, revealed the concrete casing around the manhole across the street from the complainant's property was damaged. The inspector also noted evidence of sewage in the adjacent stormwater ditch. Inspection on November 8, 2017, revealed the clarifier held duckweed and heavy floating solids. Small amount of duckweed was present in the aeration basin.
- II. AI # 158814 – Inspection on October 7, 2016, revealed buildup of solids in the clarifier area. (Please see photo #2 in the report)
- JJ. AI # 164710- Inspection on September 27, 2017, revealed the clarifier had thick layer of solids. Weekly operator logs indicated for several months that solids need to be removed. The 2016 annual report indicated that no solids were removed for 2016.
- KK. AI # 174194- Inspection on November 08, 2017, revealed floating mats of vegetation in the aeration basin and significant vegetative cover in the clarifier (see picture # (3)). The weir was covered in duckweed. There were leaking cracks in the walls of the aeration basin and a leak was observed between the weir and the chlorine contact chamber.
- LL. AI # 174196- Inspection on January 12, 2015, in response to a citizen's complaint revealed:
- 1) No aeration provided in the oxidation pond;
 - 2) No disinfection in place for treating bacteria;
 - 3) The lift station on Riverscape Drive was not operational;
 - 4) The manhole located on Riverscape drive was overflowing, allowing untreated sewer to flow into a low lying area along LA Hwy. 22;
 - 5) Several riser pipes in the collection system did not have caps/clean out plugs, and one of the pipes was discharging untreated sewage into the canal at the subdivision boat launch;
 - 6) There was a manhole without a metal cover; the manhole was covered with plastic drum lid;
 - 7) Considerable vegetative growth was noted, including duckweed covering the last treatment lagoon and large trees along the levees of the lagoons.

The unauthorized discharge of wastewater is in violation of La. R.S. 30:2076(A)(1)(a) and LAC 33:IX.501.D.

III.

A file review conducted by the Department on or about April 27, 2018, revealed the Respondent failed to submit DMR(s), failed to submit DMR(s) in a timely manner, failed to sample and also failed to report values on the DMR(s) for some parameters. The aforementioned deficiencies are summarized below:

- A. AI 18546-Pine Hill Forest: The Respondent failed to report values on the DMR for the following parameters for the 4th quarter of 2017: BOD5, pH, TSS, Flow and Fecal Coliform. Failure to report values for the aforementioned parameters is a violation of LPDES permit LAG540565 (Part I, Section B, Schedule A. page 4 of 16, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4. In addition, the Respondent failed to submit a DMR in a timely manner. Specifically, the DMR for 1st quarter of 2017 was due by April 28, 2017, and was received on August 23, 2017, in violation of LPDES permit LAG540565 (Part II, Section N.8 and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4.
- B. AI 19006- Southwood Village: The Respondent failed to sample for total Nitrogen and total Phosphorus for monitoring period of December 2017 due to sampling oversight. Each failure to sample is a violation of LPDES permit LA0081418 (Effluent Limitation and Monitoring Requirement page 1 of 3 and Standard Conditions, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- C. AI 41307- Cypress Lake Subdivision: The Respondent failed to report values for pH maximum and minimum in violation of LPDES permit LAG540885 (Part I, Section B, Schedule A. page 4 of 16, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4.
- D. AI 42768- Paradise Point: The Respondent failed to sample the effluent for all parameters for the last quarter of 2017. Each failure to collect a sample is a violation of LAG541906 (Part I, Schedules A, H, and I, pages 3, 4, 16, and 17 of 21, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- E. AI 43146- Shadow Pines: The Respondent failed to sample the effluent for the third quarter of 2015 and 2016. Each failure to sample the effluent is a violation of LPDES permit LAG540924

- (Part I, Schedules C, E, H, and I, and pages 8, 9, 12, 13, 16, and 17 of 21, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- F. AI 99915- Spring Lake Subdivision: The Respondent failed to sample the effluent for total Ammonia Nitrogen for the monitoring period of June 2017 in violation of LPDES permit LAG570318 (Part I, Schedule D, pages 9 and 10 of 19, and Part III, Section A.2) La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- G. AI 119176-Live Oak Landing: The Respondent failed to submit a quarterly DMR for the monitoring period of October –December 2016. Failure to submit the DMR is a violation of LPDES permit LAG570322 (Part II, Section N.7 and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4.
- H. AI 119484- Woodland Crossing I: The Respondent failed to submit monthly DMRs for March and September of 2016. Each Failure to submit the DMR is a violation of LPDES permit LAG570310 (Part II, Section N.7 and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4.
- I. AI 121715- Clear Lake: The Respondent failed to submit a quarterly DMR for the monitoring period of October –December 2016. Failure to submit the DMR is a violation of LPDES permit LAG570321 (Part II, Section N.7 and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4.
- J. AI 123729- Tranquility Lakes: The Respondent failed to sample the effluent for pH for the second quarter of 2016 in violation of LAG541312 (Part I, Schedule A, pages 3 and 4 of 21 and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- K. AI 123737- Woodland Crossing 4: The Respondent failed to sample the effluent for Dissolved Oxygen for April 2017 monitoring period in violation of LPDES permit LAG570329 (Part I, Schedule E, page 11 of 19, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- L. AI 123862- Ponchatoula Trace: The Respondent failed to sample the effluent for all parameters for the monitoring period of April 2016 in violation of LPDES permit LAG560298 (Part I, Schedule A, page 2 and 3 of 17, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- M. AI 126423- Villas at Bedico Creek: The Respondent failed to sample the effluent for all parameters for the monitoring period of April 2016 in violation of LAG570378 (Part I,

Schedules A, D, and E, pages 2, 3, 9, 10, and 11 of 19, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.

- N. AI 128417- Olde Mill: The Respondent failed to submit a quarterly DMR for the monitoring period of October –December 2016. Failure to submit the DMR is a violation of LPDES permit LAG570405 (Part II, Section N.7 and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4.
- The Respondent failed to sample the effluent for all parameters for the monitoring period of April 2016 and for total Ammonia Nitrogen and total Phosphorus for the second quarter of 2016 in violation of LAG570405 (Part I, Schedules A, D, G, and H, and pages 2, 3, 9, 10, 13, and 14 of 19), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- O. AI 133094- Davie Estates: The Respondent failed to submit a quarterly DMR for the monitoring period of October –December 2016. Failure to submit the DMR is a violation of LPDES permit LAG541392 (Part II, Section N.8 and Part III, Section A.2),, La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4.
- P. AI 142117- Collins Place: The Respondent failed to sample Dissolved Oxygen (DO) for the monitoring period of April 2017 in violation of LPDES permit LAG570396 (Part I, Schedule E, page 11 of 19, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- Q. AI 146828- Timber Ridge Subdivision: The Respondent failed to sample the effluent for all parameters for April 2016 in violation of LAG570403 (Part I, schedules A , D, and E, pages 2 and 3, 9, 10 and 11 of 19, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A. The Respondent failed to report a value for Dissolved Oxygen (DO) for the monitoring period of December 2016 in violation of LPDES permit LAG570403 (Part I, Schedule E, page 11 of 19, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4.
- R. AI 147193- Southern Pines Subdivision: The Respondent failed to sample the effluent for all parameters for the April 2016 monitoring period in violation of LAG560271 (Part I, schedule C, pages 6 and 7 of 17, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- S. AI 147231- Bridalwood and Stone Ridge Crossing: The Respondent failed to submit a monthly DMR for the monitoring period of March 2017. Failure to submit the DMR is in violation of LPDES permit LA0123111 (Submittal/Action Requirements, Condition No. S-1, and Standard

- Conditions, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4. The Respondent also failed to sample for total Nitrogen and total Phosphorus for the March 2016 monitoring period in violation of LPDES permit LA0123111 (Effluent Limitation and Monitoring Requirements pages 2 and 3 of 3, and Standard Conditions, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- T. AI 147233- Livingston Trace Subdivision: The Respondent failed to sample for flow for the January 2017 monitoring period in violation of LA0123439 (Effluent Limitations and Monitoring Requirements page 1 of 3, and Standard Conditions, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- U. AI 147409- Meadow Lake: The Respondent failed to sample for CBOD for the March 2016 monitoring period in violation of LAG570388 (Part I, schedule A, pages 2 and 3 of 19, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- V. AI 150634- Riverwoods Subdivision: The Respondent failed to submit a monthly DMR for the monitoring period of October 2016. Failure to submit the DMR is in violation of LPDES permit LAG560260 (Part II, Section N.7 and Part III, Section A.2) La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4. The Respondent failed to sample for all parameters for the April 2016 monitoring period in violation of LAG560260 (Part I, schedule A, pages 2 and 3 of 17, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- W. AI 150779- Stone Hill Subdivision: The Respondent failed to report a value for Dissolved Oxygen (DO) for the monitoring period of October 2016 in violation of LPDES permit LA0123293 (Effluent Limitations and Monitoring Requirements, page 2 of 2, Standard Conditions, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4.
- X. AI 155123- Audubon Square Subdivision: The Respondent failed to sample for all parameters for the November 2016 monitoring period in violation of LAG560266 (Part I, schedule A, pages 2 and 3 of 17, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- Y. AI 164710- West Ridge Subdivision: The Respondent failed to report a value for Dissolved Oxygen (DO) for the monitoring period of November 2015. Each failure to report a value is in violation of LPDES permit LAG570525 (Effluent Limitation and Monitoring Requirements, Schedule E, Page 11 of 19 and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4. The Respondent failed to submit a monthly DMR for the monitoring period of October 2016, in violation of LAG570525 (Part II, Section N.7 and Part III, Section A.2),

- La. R.S. 30:2076(A)(3), and LAC 33 IX.2701.L.4. The Respondent failed to sample Dissolved Oxygen for the June 2016 monitoring period in violation of LPDES permit LAG570525 ((Part I, Schedule E, page 11 of 19, and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.501.A.
- Z. AI 174196- Riverscape at Clio Inc. The Respondent failed to submit a DMR for the 1st quarter of 2017 for total Nitrogen and total Phosphorus as required by the LPDES permit LAG570516 in violation of (Part II, Section N.7 and Part III, Section A.2), La. R.S. 30:2076(A)(3), and LAC 33:IX.2701.L.4.

AI# 100080 - LAG570317 - MO-DAD UTILITIES, LLC - DRIFTWOOD ESTATES

MP End Date	Outfall	DMR Field	Parameter	Permit Limit	Sample Value
07/31/2015	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
07/31/2015	001-A	C3	Coliform, fecal general --- WKAV GEO	400 #/100mL	>2000 #/100mL
08/31/2015	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=630 #/100mL
08/31/2015	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=27.8 mg/L
08/31/2015	001-A	C3	Coliform, fecal general --- WKAV GEO	400 #/100mL	=630 #/100mL
08/31/2015	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=27.8 mg/L
10/31/2015	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=1860 #/100mL
10/31/2015	001-A	C3	Coliform, fecal general --- WKAV GEO	400 #/100mL	=1860 #/100mL
12/31/2015	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=11.2 mg/L
02/29/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=17.6 mg/L
10/31/2016	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=210 #/100mL
05/31/2017	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=940 #/100mL
05/31/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=21.6 mg/L
05/31/2017	001-A	C3	Coliform, fecal general --- WKAV GEO	400 #/100mL	=940 #/100mL
06/30/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=43.5 mg/L
06/30/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=33.2 mg/L
06/30/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=43.5 mg/L
06/30/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=33.2 mg/L
07/31/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=28.4 mg/L
07/31/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=28.4 mg/L
08/31/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=23 mg/L
08/31/2017	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	5 mg/L	=23 mg/L
08/31/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=23 mg/L
08/31/2017	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	10 mg/L	=23 mg/L
09/30/2017	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	5 mg/L	=26.9 mg/L
09/30/2017	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	10 mg/L	=26.9 mg/L
10/31/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=54.3 mg/L
10/31/2017	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	5 mg/L	=25.1 mg/L
10/31/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=54.3 mg/L
10/31/2017	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	10 mg/L	=25.1 mg/L
11/30/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=11.5 mg/L
11/30/2017	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	5 mg/L	=7.5 mg/L
02/28/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	5 mg/L	=6.41 mg/L
03/31/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	5 mg/L	=9.16 mg/L
04/30/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	5 mg/L	=12.2 mg/L
04/30/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	10 mg/L	=12.2 mg/L
05/31/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=22 mg/L
05/31/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	5 mg/L	=29.1 mg/L
05/31/2018	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=46.2 mg/L
05/31/2018	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=22 mg/L
05/31/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	10 mg/L	=29.1 mg/L
05/31/2018	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=46.2 mg/L
06/30/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=36.5 mg/L
06/30/2018	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
06/30/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	5 mg/L	=24.6 mg/L
06/30/2018	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=23.1 mg/L
06/30/2018	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=36.5 mg/L
06/30/2018	001-A	C3	Coliform, fecal general --- WKAV GEO	400 #/100mL	>2000 #/100mL
06/30/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	10 mg/L	=24.6 mg/L
06/30/2018	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=23.1 mg/L

AI# 100081 - LAG541306 - MO-DAD UTILITIES, LLC - GALVEZ COVE

MP End Date	Outfall	DMR Field	Parameter	Permit Limit	Sample Value
09/30/2015	001-Q	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=670 #/100mL
09/30/2015	001-Q	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	=670 #/100mL
12/31/2015	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	=47.9 mg/L
12/31/2015	001-Q	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
12/31/2015	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=128 mg/L
12/31/2015	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=47.9 mg/L
12/31/2015	001-Q	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
12/31/2015	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=128 mg/L
03/31/2017	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=137 mg/L
03/31/2017	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=137 mg/L
06/30/2017	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	=64.1 mg/L
06/30/2017	001-Q	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
06/30/2017	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=40 mg/L
06/30/2017	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=64.1 mg/L
06/30/2017	001-Q	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
09/30/2017	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=51.5 mg/L

AI# 100082 - LAG541137 - MO-DAD UTILITIES, LLC - OAK CLUSTER WWTP

MP End Date	Outfall	DMR Field	Parameter	Permit Limit	Sample Value
09/30/2015	001-Q	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
12/31/2015	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=500 mg/L
12/31/2015	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=984 mg/L
03/31/2017	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=38.6 mg/L
06/30/2017	001-Q	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=1110 #/100mL
06/30/2017	001-Q	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	=1110 #/100mL
09/30/2017	001-Q	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
09/30/2017	001-Q	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
03/31/2018	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	=65.1 mg/L
03/31/2018	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=58 mg/L
03/31/2018	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=65.1 mg/L
03/31/2018	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=58 mg/L
06/30/2018	001-Q	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
06/30/2018	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=71.6 mg/L
06/30/2018	001-Q	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
06/30/2018	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=71.6 mg/L

AI# 101749 - LAG541310 - MO-DAD UTILITIES, LLC - LAKIN RIDGE

MP End Date	Outfall	DMR Field	Parameter	Permit Limit	Sample Value
09/30/2017	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=46.7 mg/L
09/30/2017	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=46.7 mg/L
03/31/2018	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	=74 mg/L
03/31/2018	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=74 mg/L

AI# 107437 - LAG570250 - MO-DAD UTILITIES, LLC - LAKES AT FENNWOOD

MP End Date	Outfall	DMR Field	Parameter	Permit Limit	Sample Value
07/31/2015	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	>86.9 mg/L
07/31/2015	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
07/31/2015	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=83.8 mg/L
07/31/2015	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	>86.9 mg/L
07/31/2015	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
07/31/2015	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=83.8 mg/L
08/31/2015	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	>82.8 mg/L

08/31/2015	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
08/31/2015	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=66.8 mg/L
08/31/2015	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	>82.8 mg/L
08/31/2015	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
08/31/2015	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=66.8 mg/L
09/30/2015	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=11.9 mg/L
09/30/2015	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=67.8 mg/L
09/30/2015	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=67.8 mg/L
10/31/2015	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
10/31/2015	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=44.4 mg/L
10/31/2015	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
10/31/2015	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=44.4 mg/L
12/31/2015	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=13.1 mg/L
12/31/2015	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=46.4 mg/L
12/31/2015	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=46.4 mg/L
01/31/2016	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	>91.4 mg/L
01/31/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=45 mg/L
01/31/2016	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	>91.4 mg/L
01/31/2016	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=45 mg/L
02/29/2016	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=102 mg/L
02/29/2016	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
02/29/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=204 mg/L
02/29/2016	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=102 mg/L
02/29/2016	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
02/29/2016	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=204 mg/L
03/31/2016	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=57.2 mg/L
03/31/2016	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=57.2 mg/L
04/30/2016	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
04/30/2016	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
05/31/2016	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=27 mg/L
05/31/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=343 mg/L
05/31/2016	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=27 mg/L
05/31/2016	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=343 mg/L
06/30/2016	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=68.3 mg/L
06/30/2016	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
06/30/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=101 mg/L
06/30/2016	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=68.3 mg/L
06/30/2016	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
06/30/2016	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=101 mg/L
07/31/2016	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
07/31/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=33.3 mg/L
07/31/2016	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
07/31/2016	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=33.3 mg/L
08/31/2016	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=21.9 mg/L
08/31/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=43.6 mg/L
08/31/2016	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=21.9 mg/L
08/31/2016	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=43.6 mg/L
09/30/2016	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=26.1 mg/L
09/30/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=157 mg/L
09/30/2016	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=26.1 mg/L
09/30/2016	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=157 mg/L
10/31/2016	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=320 #/100mL
10/31/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=17.2 mg/L
12/31/2016	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=63.6 mg/L
12/31/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=428 mg/L
12/31/2016	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=63.3 mg/L
12/31/2016	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=428 mg/L
01/31/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	>91.4 mg/L
01/31/2017	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL

01/31/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=30.4 mg/L
01/31/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	>91.4 mg/L
01/31/2017	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
01/31/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=30.4 mg/L
02/28/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=45.3 mg/L
02/28/2017	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
02/28/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=252 mg/L
02/28/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=45.3 mg/L
02/28/2017	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
02/28/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=252 mg/L
03/31/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=20 mg/L
03/31/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=39.5 mg/L
03/31/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=20 mg/L
03/31/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=39.5 mg/L
04/30/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=50.9 mg/L
04/30/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=103 mg/L
04/30/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=50.9 mg/L
04/30/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=103 mg/L
05/31/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=24.5 mg/L
05/31/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=64 mg/L
05/31/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=24.5 mg/L
05/31/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=64 mg/L
06/30/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=14.7 mg/L
06/30/2017	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
06/30/2017	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
07/31/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=66.8 mg/L
07/31/2017	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
07/31/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=66.8 mg/L
07/31/2017	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
08/31/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=25.5 mg/L
08/31/2017	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=2.24 mg/L
08/31/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=46.2 mg/L
08/31/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=25.5 mg/L
08/31/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=46.2 mg/L
09/30/2017	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=19.5 mg/L
09/30/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=46 mg/L
09/30/2017	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=19.5 mg/L
09/30/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=46 mg/L
10/31/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=11.9 mg/L
10/31/2017	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
10/31/2017	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
11/30/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=19.2 mg/L
11/30/2017	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
11/30/2017	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=5.22 mg/L
11/30/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=46.7 mg/L
11/30/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=19.2 mg/L
11/30/2017	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
11/30/2017	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=5.22 mg/L
11/30/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=46.7 mg/L
12/31/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=44 mg/L
12/31/2017	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=2000 #/100mL
12/31/2017	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=17.4 mg/L
12/31/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=97 mg/L
12/31/2017	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=44 mg/L
12/31/2017	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	=2000 #/100mL
12/31/2017	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=17.4 mg/L
12/31/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=97 mg/L
01/31/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=55.2 mg/L
01/31/2018	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL

01/31/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=8.1 mg/L
01/31/2018	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=55.2 mg/L
01/31/2018	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
01/31/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=8.1 mg/L
02/28/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=49.1 mg/L
02/28/2018	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=330 #/100mL
02/28/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=13.3 mg/L
02/28/2018	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=89.1 mg/L
02/28/2018	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=49.1 mg/L
02/28/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=13.3 mg/L
02/28/2018	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=89.1 mg/L
03/31/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=50.6 mg/L
03/31/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=9.48 mg/L
03/31/2018	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=67.3 mg/L
03/31/2018	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=50.6 mg/L
03/31/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=9.48 mg/L
03/31/2018	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=67.3 mg/L
04/30/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=30.9 mg/L
04/30/2018	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
04/30/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=5.82 mg/L
04/30/2018	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=50.6 mg/L
04/30/2018	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=30.9 mg/L
04/30/2018	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
04/30/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=5.82 mg/L
04/30/2018	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=50.6 mg/L
05/31/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=65 mg/L
05/31/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=20.1 mg/L
05/31/2018	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=102 mg/L
05/31/2018	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=65 mg/L
05/31/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=20.1 mg/L
05/31/2018	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=102 mg/L
06/30/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=35.4 mg/L
06/30/2018	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
06/30/2018	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=50.4 mg/L
06/30/2018	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=35.4 mg/L
06/30/2018	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
06/30/2018	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=50.4 mg/L

AI# 118271 - LAG541181 - MO-DAD UTILITIES, LLC - ROBERTSON APARTMENT

MP End Date	Outfall	DMR Field	Parameter	Permit Limit	Sample Value
09/30/2015	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	=57.5 mg/L
09/30/2015	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=68 mg/L
09/30/2015	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=57.5 mg/L
09/30/2015	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=68 mg/L
12/31/2015	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	>103 mg/L
12/31/2015	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=144 mg/L
12/31/2015	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	>103 mg/L
12/31/2015	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=144 mg/L
03/31/2016	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	>103 mg/L
03/31/2016	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=75.3 mg/L
03/31/2016	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	>103 mg/L
03/31/2016	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=75.3 mg/L
06/30/2016	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	>79.8 mg/L
06/30/2016	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=108 mg/L
06/30/2016	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	>79.8 mg/L
06/30/2016	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=108 mg/L
12/31/2016	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	=84.3 mg/L
12/31/2016	001-Q	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL

12/31/2016	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=52.7 mg/L
12/31/2016	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=84.3 mg/L
12/31/2016	001-Q	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
12/31/2016	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=52.7 mg/L
03/31/2017	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	=65.4 mg/L
03/31/2017	001-Q	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
03/31/2017	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=114 mg/L
03/31/2017	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=65.4 mg/L
03/31/2017	001-Q	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
03/31/2017	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=114 mg/L
06/30/2017	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	=82.1 mg/L
06/30/2017	001-Q	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
06/30/2017	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=33.7 mg/L
06/30/2017	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=82.1 mg/L
06/30/2017	001-Q	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
09/30/2017	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	=52.8 mg/L
09/30/2017	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=52.8 mg/L
12/31/2017	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	=54 mg/L
12/31/2017	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=160 mg/L
12/31/2017	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=54 mg/L
12/31/2017	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=160 mg/L
03/31/2018	001-Q	C2	Solids, total suspended --- MO AVG	30 mg/L	=86.7 mg/L
03/31/2018	001-Q	C3	Solids, total suspended --- DAILY MX	45 mg/L	=86.7 mg/L
06/30/2018	001-Q	C2	BOD, 5-day, 20 deg. C --- MO AVG	30 mg/L	=76.7 mg/L
06/30/2018	001-Q	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
06/30/2018	001-Q	C3	BOD, 5-day, 20 deg. C --- DAILY MX	45 mg/L	=76.7 mg/L
06/30/2018	001-Q	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL

AI# 118720 - LAG570377 - MO-DAD UTILITIES, LLC - SPRING LAKE 4

MP End Date	Outfall	DMR Field	Parameter	Permit Limit	Sample Value
08/31/2015	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=470 #/100mL
08/31/2015	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=15.6 mg/L
08/31/2015	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	=470 #/100mL
09/30/2015	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=750 #/100mL
09/30/2015	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	=750 #/100mL
10/31/2015	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=20.2 mg/L
10/31/2015	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
10/31/2015	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=24.3 mg/L
10/31/2015	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=20.2 mg/L
10/31/2015	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
10/31/2015	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=24.3 mg/L
01/31/2016	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=19.2 mg/L
01/31/2016	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=19.2 mg/L
02/29/2016	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=500 #/100mL
02/29/2016	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	=500 #/100mL
08/31/2016	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
08/31/2016	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
09/30/2016	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=250 #/100mL
12/31/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=27.8 mg/L
12/31/2016	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=27.8 mg/L
02/28/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=27.6 mg/L
02/28/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=27.6 mg/L
03/31/2017	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=13.6 mg/L
04/30/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=25.2 mg/L
04/30/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=25.2 mg/L
05/31/2017	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=27.2 mg/L
05/31/2017	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=27.2 mg/L
09/30/2017	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=7.81 mg/L

09/30/2017	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=7.81 mg/L
12/31/2017	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=14.6 mg/L
12/31/2017	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=14.6 mg/L
03/31/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=22.8 mg/L
03/31/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=6.48 mg/L
03/31/2018	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=34.4 mg/L
03/31/2018	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=22.8 mg/L
03/31/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=6.48 mg/L
03/31/2018	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=34.4 mg/L
04/30/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=19.1 mg/L
04/30/2018	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
04/30/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=4.93 mg/L
04/30/2018	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=39 mg/L
04/30/2018	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=19.1 mg/L
04/30/2018	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
04/30/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=4.93 mg/L
04/30/2018	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=39 mg/L
05/31/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=27.2 mg/L
05/31/2018	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
05/31/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=10.7 mg/L
05/31/2018	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=41.1 mg/L
05/31/2018	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=27.2 mg/L
05/31/2018	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
05/31/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=10.7 mg/L
05/31/2018	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=41.1 mg/L
06/30/2018	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=13.7 mg/L
06/30/2018	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	=320 #/100mL
06/30/2018	001-A	C2	Nitrogen, ammonia total [as N] --- MO AVG	2 mg/L	=40.2 mg/L
06/30/2018	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=36.4 mg/L
06/30/2018	001-A	C3	Nitrogen, ammonia total [as N] --- DAILY MX	4 mg/L	=40.2 mg/L
06/30/2018	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=36.4 mg/L

AI# 119139 - LAG541338 - MO-DAD UTILITIES,LLC - Dunson Park

MP End Date	Outfall	DMR Field	Parameter	Permit Limit	Sample Value
09/30/2015	001-Q	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	30	=51.8 mg/L
09/30/2015	001-Q	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	45	=51.8 mg/L
12/31/2015	001-Q	C2	Coliform, fecal general --- MOAV GEO	200	1670 #/100 ml
12/31/2015	001-Q	C3	Coliform, fecal general --- DAILY MX	400	1670 #/100 ml
03/31/2016	001-Q	C2	Coliform, fecal general --- MOAV GEO	200	>2000 #/100 ml
03/31/2016	001-Q	C3	Coliform, fecal general --- DAILY MX	400	>2000 #/100 ml
09/30/2016	001-Q	C2	Coliform, fecal general --- MOAV GEO	200	>2000 #/100 ml
09/30/2016	001-Q	C3	Coliform, fecal general --- DAILY MX	400	>2000 #/100 ml
12/31/2016	001-Q	C2	Coliform, fecal general --- MOAV GEO	200	>2000 #/100 ml
12/31/2016	001-Q	C3	Coliform, fecal general --- DAILY MX	400	>2000 #/100 ml

AI# 119176 - LAG570322 - MO-DAD UTILITIES,LLC - LIVE OAK LANDING

MP End Date	Outfall	DMR Field	Parameter	Permit Limit	Sample Value
07/31/2015	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=18 mg/L
07/31/2015	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=15.2 mg/L
07/31/2015	001-A	C3	BOD, carbonaceous [5 day, 20 C] --- DAILY MX	15 mg/L	=18 mg/L
09/30/2015	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=11.9 mg/L
10/31/2015	001-A	C2	Coliform, fecal general --- MOAV GEO	200 #/100mL	>2000 #/100mL
10/31/2015	001-A	C3	Coliform, fecal general --- DAILY MX	400 #/100mL	>2000 #/100mL
12/31/2015	001-A	C2	BOD, carbonaceous [5 day, 20 C] --- MO AVG	10 mg/L	=13.1 mg/L
01/31/2016	001-A	C2	Solids, total suspended --- MO AVG	15 mg/L	=27.2 mg/L
01/31/2016	001-A	C3	Solids, total suspended --- DAILY MX	23 mg/L	=27.2 mg/L