



A R K A N S A S
Department of Environmental Quality

October 30, 2015

Jack Plumlee, CEO
Lake Catherine Waterworks and Sewer Facilities Board dba Riviera Utilities WWTF
440 Catherine Park Rd., Ste C
Hot Springs, AR 71913

RE: Riviera Utilities- Diamondhead Inspection (Garland Co)
AFIN: 26-00248 NPDES Permit No.: AR0048615

Dear Mr. Plumlee:

On October 22, 2015, I performed a Reconnaissance Inspection of the above-referenced facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. A copy of the inspection report is enclosed for your records.

No new violations were noted at the time of the inspection. Please refer to the attached inspection report for any comments. The facility is currently operating under CAO LIS 15-081.

If I can be of any assistance, please contact me at harmont@adeq.state.ar.us or (479) 968-7339 ext. 14.

Sincerely,

Travis Harmon
District 5 Field Inspector
Water Division

 A R K A N S A S Department of Environmental Quality		WATER DIVISION INSPECTION REPORT					
		AFIN: 26-00248		PERMIT #: AR0048615		DATE: 10/22/2015	
		COUNTY: 26 Garland			PDS #: 087415		MEDIA: WN
		GPS LAT: 34.431167 LONG: -92.949598 LOCATION: General Area					
FACILITY INFORMATION			INSPECTION INFORMATION				
NAME: Riviera Utilities- Diamondhead LOCATION: 440 Catherine Park Rd CITY: Hot Springs, AR 71913			FACILITY TYPE: 2 - Industrial	INSPECTOR ID#: 34689 S - State			
			FACILITY EVALUATION RATING: N	INSPECTION TYPE: Reconnaissance			
			DATE(S): 10/22/2015	ENTRY TIME: 10:00	EXIT TIME: 11:30	PERMIT EFFECTIVE DATE: 10/1/2014 PERMIT EXPIRATION DATE: 9/30/2019	
RESPONSIBLE OFFICIAL							
NAME / TITLE: Jack Plumlee / CEO COMPANY: Lake Catherine Waterworks and Sewer Facilities Board dba Riviera Utilities WWTF MAILING ADDRESS: 440 Catherine Park Rd., Ste C CITY, STATE, ZIP: Hot Springs AR 71913 PHONE & EXT: / FAX: 501-262-1297 / EMAIL: jackplumlee@gmail.com riviera_water@yahoo.com			FAYETTEVILLE SHALE RELATED: N FAYETTEVILLE SHALE VIOLATIONS: N				
CONTACTED DURING INSPECTION: No			INSPECTION PARTICIPANTS				
			NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Leny Baker/Cognizant Official-Operations Mgr./ 501-262-1828/ riviera_water@yahoo.com				
AREA EVALUATIONS							
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)							
S	PERMIT	N	FLOW MEASUREMENT	N	STORMWATER		
N	RECORDS/REPORTS	N	LABORATORY	S	FACILITY SITE REVIEW		
N	OPERATION & MAINTENANCE	S	EFFLUENT/RECEIVING WATER	N	SELF-MONITORING PROGRAM		
N	SAMPLING	N	SLUDGE HANDLING/DISPOSAL	N	PRETREATMENT		
N	OTHER:						
SUMMARY OF FINDINGS							
1. No new permit violations were found at the time of inspection. Note: the facility is operating under CAO 15-081 effective August 10, 2015. There did not appear to be any lack of maintenance concerning the existing treatment system. See "General Comments" below. 2. The facility has reported two (2) ammonia and one (1) pH exceedances in DMR this calendar year.							
GENERAL COMMENTS							
Inspection conducted in response to a complaint alleging the sewer treatment system is under a CAO and discharging bad water; causing excessive algae in a pond located near the entrance. I did observe that the receiving water (pond) does have floating vegetation/algae. The other ponds downstream and on the golf course have significantly less floating vegetation/algae. Recent dry weather has allowed the ponds to become stagnant which may enhance growth. The facility has plans to modify and install new systems of treatment as a result of the CAO. Construction modification permit AR0048615C is pending issuance. Once issued, the facility has two months to begin construction and then five months to complete construction.							
INSPECTOR'S SIGNATURE: 			Travis Harmon		DATE: 10/29/2015		
SUPERVISOR'S SIGNATURE: 			Kerri McCabe		DATE: 10/30/2015		

SECTION A: PERMIT VERIFICATION

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS S M U NA NE

DETAILS:

- 1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE: Y N NA NE
- 2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES: Y N NA NE
- 3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT: Y N NA NE
- 4. ALL DISCHARGES ARE PERMITTED: Y N NA NE

SECTION C: OPERATIONS AND MAINTENANCE

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED S M U NA NE

DETAILS: **Assessed existing treatment system maintenance. At the time of inspection, the filter beds appeared maintained and chlorine tablets were in place.**

- 1. TREATMENT UNITS PROPERLY OPERATED: S M U NA NE
- 2. TREATMENT UNITS PROPERLY MAINTAINED: S M U NA NE
- 3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED: S M U NA NE
- 4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE: S M U NA NE
- 5. ALL NEEDED TREATMENT UNITS IN SERVICE: S M U NA NE
- 6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED: S M U NA NE
- 7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED: S M U NA NE
- 8. OPERATION AND MAINTENANCE MANUAL AVAILABLE: Y N NA NE
- 9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: Y N NA NE
- 10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED: Y N NA NE
- 11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR: Y N NA NE
- 12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED: Y N NA NE
- 13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS: Y N NA NE
- 14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT: Y N NA NE
- 15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT: Y N NA NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS

BASED ON VISUAL OBSERVATIONS ONLY S M U NA NE

DETAILS: **Viewed as effluent is leaving the weir.**

OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001	None	None	None	None	None	Clear	na

Water Division Photographic Evidence Sheet

Location:	Riviera Utilities- Diamondhead		
Photographer:	Travis Harmon	Date:	10/22/15
Witness:	Leny Baker	Time:	1040
		Photo #:	1
Description:	View of floating vegetation/algae in receiving water (Pond A in Google Earth image).		



Photographer:	Travis Harmon	Date:	10/22/15
Witness:	Leny Baker	Time:	1044
		Photo #:	2

Description:	Close-up view of floating vegetation/algae in Pond A.
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Water Division Photographic Evidence Sheet

Location:	Riviera Utilities- Diamondhead		
Photographer:	Travis Harmon	Date:	10/22/15
Witness:	Leny Baker	Time:	1052
		Photo #:	3
Description:	Less floating vegetation/algae in Ponds B and C located downstream.		



Photographer:	Travis Harmon	Date:	10/22/15
Witness:	Leny Baker	Time:	1052
		Photo #:	4
Description:	Filter beds were maintained at the time of inspection.		



Water Division Photographic Evidence Sheet

Location:	Riviera Utilities- Diamondhead		
Photographer:	Travis Harmon	Date:	10/22/15
Witness:	Leny Baker	Time:	1052
		Photo #:	5
Description:	View of treated effluent at the time of inspection. Effluent was clear with no visible indication of non-compliance (Outfall 002 in the Google Earth image).		



Google Earth Image

