

ADEQ

ARKANSAS
Department of Environmental Quality

Facility: City of Monticello AR0021822 and AR0021831

Date: 7/16/2019

MEETING ATTENDANCE

Name	Organization	Job Title	E-Mail Address	Telephone Number
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REMARKS:

MEETING FOLLOW-UP
City of Monticello
AR0021822/AR0021831
Tuesday, July 16, 2019 at 10:30am

1. East Sludge and Hydrograph Controlled Release (HCR)
 - a. 55.4%-91.9% of operating volume remaining and 28 days of retention time.
 - i. The City might remove sludge from the 2 ponds with the most sludge
 - b. East HCR installed since the original plant construction and operates as designed (according to ETC) – however we still need certification per the CAO.
 - c. 6 violations for Discharge Flow as % of Stream Flow in 3 years - 2/2019 is the most recent - (only 7 months have been below permit limits and the rest have been No Discharge).

2. Discuss West HCR
 - a. West HCR installed Sept 2018 - Discharge Flow as % of Stream Flow violations occurred in Nov 2018, Dec 2018, Jan 2019, and April 2019

DMR End Date	Disch-Desig	Parameter Desc	Reported DMR Value	Limit Value	Vio %
11/30/2018	001-A	Discharge flow as % of stream flow (DAILY	144.8	56	159%
12/31/2018	001-A	Discharge flow as % of stream flow (DAILY	137	56	145%
01/31/2019	001-A	Discharge flow as % of stream flow (DAILY	106	56	89%
04/30/2019	001-A	Discharge flow as % of stream flow (DAILY	184.4	56	229%

- b. Spray irrigation system installed at the East plant but may need some repairs/updates. Monticello would need to acquire a land application permit. The West plant would need the spray irrigation/sprinkler system installed. Land applying waste is one option to avoid Discharge flow as % of stream violations.

3. Effluent Violations
 - a. EAST

DMR End Date	Disch - Desig	Parameter Desc	Reported DMR Value	Limit Value	Vio %
05/31/2017	001-A	Coliform, fecal general (30DA GEO, #/100mL)	1249	1000	25%
05/31/2017	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	15500	2000	675%
06/30/2017	001-A	Coliform, fecal general (30DA GEO, #/100mL)	15121	1000	1,412%
06/30/2017	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	24200	2000	1,110%
03/31/2018	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	2194	2000	10%

b. WEST

DMR End Date	Disch-Desig	Parameter Desc	Reported DMR Value	Limit Value	Vio %
06/30/2016	TX1-Q	Whole effluent toxicity (DLYAVMIN,	0	45	100%
06/30/2016	TX1-Q	Whole effluent toxicity (7 DA MIN, %)	0	45	100%
12/31/2016	001-A	Coliform, fecal general (7 DA GEO,	9200	2000	360%
04/30/2017	001-A	Coliform, fecal general (30DA GEO,	1448	200	624%
04/30/2017	001-A	Coliform, fecal general (7 DA GEO,	9800	400	2,350%
05/31/2017	001-A	Coliform, fecal general (30DA GEO,	3263	200	1,532%
05/31/2017	001-A	Coliform, fecal general (7 DA GEO,	24200	400	5,950%
06/30/2017	001-A	Coliform, fecal general (30DA GEO,	9154	200	4,477%
06/30/2017	001-A	Coliform, fecal general (7 DA GEO,	24200	400	5,950%
08/31/2017	001-A	Coliform, fecal general (30DA GEO,	2132	200	966%
08/31/2017	001-A	Coliform, fecal general (7 DA GEO,	2910	400	628%
03/31/2018	001-A	BOD, 5-day, 20 deg. C (MO AVG,	30.85	30	3%
03/31/2018	001-A	Solids, total suspended (MO AVG, mg/L)	124.5	90	38%

- c. Disinfection for Fecal Coliform violations:
 - i. If Chlorination was added to the treatment process, dechlorination would most likely need to be added as well
 - ii. Ultraviolet may not be a viable option for disinfection due to the Total Suspended Solids (TSS)
- d. Analysis Not Conducted “NODI E” reported for July 2016, April 2017, and Jan 2019
- e. May 2019 DMR has not been submitted: Due June 25, 2019
 - i. Mayor Chase will need to create her own NetDMR account if she wishes to submit the DMRs. Andrea Chambers is currently the only NetDMR account holder. Your account is specific to you.
- f. Non-compliance reports need to be attached in NetDMR when a violation occurs
- g. Full WET lab reports need to be attached in NetDMR for any WET test conducted.

4. Sewer System Evaluation Study (SSES) – West Plant

- a. Include an updated milestone schedule with CAO extension and amendment request. Must be signed by Mayor Chase.

5. Pump Station Generators: the Contingency Plan submitted on November 10, 2017 stated that Monticello would install “Quick Connect” electrical connector at each wastewater pump station and will purchase 4 portable generators. This is not currently incorporated into the CAOs but it will need to be included into the CAP and then in the CAO Amendment to come.
 - a. East -
<https://www.adeg.state.ar.us/downloads/WebDatabases/InspectionsOnline/098364-insp.pdf>
 - b. West -
<https://www.adeg.state.ar.us/downloads/WebDatabases/InspectionsOnline/098175-insp.pdf>

6. Questions
 - a. Will the sports complex need to have a quick connect/generator installed? – Monticello to submit an inquiry to ADEQ with all relevant information so that we can make a decision.

7. Response and/or follow-up if necessary.
 - a. Monticello to submit a Corrective Action Plan (CAP) by September 13, 2019
 - i. The CAP should address effluent violations;
 - ii. Lift Station Contingency Plan/Generator Progress;
 - iii. SSES progress; and
 - iv. Include a milestone schedule with a final compliance date.
 - b. CAO progress report due 7/15/2019 – the next progress report is due October 15, 2019
 - c. Byron Hicks to request tiered flow scenarios from Shane Byrum
 - i. Also, determine whether moving the West Plant’s outfall location to 10 mile creek is a viable option. The Permit is currently being drafted in house and a change in outfall location now would prevent a modification fee later.