



# City of Norman, OK

Municipal Building  
Council Chambers  
201 West Gray  
Norman, OK 73069

## Master

**File Number: GID-2021-25**

**File ID:** GID-2021-25

**Type:** Permits

**Status:** Consent Item

**Version:** 1

**Reference:** Item 12

**In Control:** City Council

**Department:** Utilities Department

**Cost:**

**File Created:** 08/25/2020

**File Name:** WRF SEP Project CO-13-077

**Final Action:**

**Title:** CONSIDERATION OF AUTHORIZATION FOR THE CHAIRMAN OF THE NORMAN UTILITIES AUTHORITY TO EXECUTE ADDENDUM B TO CONSENT ORDER NO. 13-077 FROM THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY FOR THE NORMAN WATER RECLAMATION FACILITY NO. S-20616, PERMIT NO. OK0029190.

**Notes:** ACTION NEEDED: Acting as the Norman Utilities Authority, motion to approve or reject execution of Addendum B to Consent Order No. 13-077 from the Oklahoma Department of Environmental Quality for the Norman Reclamation Facility No. S-20616, Permit No. OK0029190.

ACTION TAKEN: \_\_\_\_\_

**Agenda Date:** 09/08/2020

**Agenda Number:** 12

**Attachments:** DEQ Addendum B, CO 13-077.pdf

**Project Manager:** Chris Mattingly, Director of Utilities

**Entered by:** chris.mattingly@normanok.gov

**Effective Date:**

### History of Legislative File

Version:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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### Text of Legislative File GID-2021-25

Body

**BACKGROUND:** The Oklahoma Pollutant Discharge Elimination System (OPDES) permit for the Water Reclamation Facility (WRF), issued July 1, 2010 by Oklahoma Department of Environmental Quality (DEQ), required construction of new disinfection facilities and to attain compliance with final discharge limits by July 1, 2013. On August 12, 2014, Norman Utilities Authority (NUA) and the DEQ approved Consent Order (CO) 13-077 (attached) which included the following revised task completion schedule:

- Submit a Supplemental Environmental Project (“SEP”) work plan, with expenditures of at least \$80,000, including a schedule for implementation by November 30, 2014;

- Complete construction of disinfection facilities by January 1, 2016;
- Attain compliance with final limits for Fecal Coliform by July 1, 2016;
- Complete construction of all facilities by January 1, 2017;
- Attain compliance with final limits for Total Suspended Solids and Ammonia by July 1, 2017.

All the above tasks have been completed except for the SEP. The DEQ and NUA agreed that the SEP would include construction of a non-potable reclaimed water line from the WRF to the Yard Waste Composting Facility located south of the WRF. However, the SEP was not completed for the reasons detailed below:

- Initially, the proposed SEP was to pump treated effluent disinfected by chlorine to the Composting Facility. However, the existing effluent reuse pumps proposed to be used were unable to supply the required quantity of effluent; additionally, their use required a new chlorine feed point.
- The use of the existing University of Oklahoma (OU) effluent pumps, which already had a chlorine feed, were then evaluated; however, issues with pump controls as well as contractual issues with OU eliminated this option.

Completion of the WRF project allowed consideration of another means to provide disinfected effluent to the Compost Facility. The NUA proposed the construction of pumping facilities on the 66-inch outfall line directly east of the Compost Facility. This concept required DEQ approval of a variance to use UV disinfected effluent in lieu of chlorinated effluent. In a letter dated July 18, 2018, both the Water Quality Division and the Land Protection Division the DEQ conditionally approved the variance request. As a result, the NUA forwarded a revised SEP schedule to the DEQ on November 16, 2018. On March 5, 2019, the NUA received proposed Addendum A to Consent Order (CO) 13-077 which set forth a new schedule for completion of the SEP. Addendum A referenced the final task to complete construction and forward documentation to DEQ by July 1, 2020.

Staff opened bids September 19, 2020. The four bids ranged between \$438,670 and \$635,892. Due to the cost being much higher than estimated, the NUA decided to renegotiate with DEQ for a project that would fit the budget. DEQ and staff verbally agreed to complete a solar installation project for the WRF UV building.

**DISCUSSION:** On August 20, 2020, the NUA received proposed Addendum B to Consent Order (CO) 13-077 which set forth a new schedule for Completion of the Supplemental Environmental Project. Addendum B references only the final task to complete construction and forward documentation to DEQ by November 1, 2020.

**RECOMMENDATION:** The NUA believes compliance with the proposed schedule is achievable and recommends authorizing the Chairperson to sign Addendum B to Consent Order 13-077.