



Scott Thompson  
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin  
Governor

## PUBLIC NOTICE

January 26, 2018

### REQUEST FOR PUBLIC COMMENT ON PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE WASTEWATER TREATMENT PLANT AT ANADARKO E & P ONSHORE, LLC IN ENID

Public Comment Period Begins January 26, 2018

**Public Comment Period Ends March 12, 2018**

**Permittee:** Anadarko E & P Onshore, LLC, 2529 E. Willow, Enid, OK 73701  
[Facility Legal Description NW<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub>, Section 4, Township 22 North, Range 6 West, I.M.]

**Receiving waters and point of discharge location:** Unnamed tributary to Skeleton Creek (OK620910030240\_00) in the [Lower Cimarron-Skeleton](#) watershed.  
[SE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub> Section 4, Township 22 North, Range 6 West, I.M. Latitude 36° 24' 38" N; Longitude 97° 50' 42" W]

Anadarko E & P Onshore, L.L.C plans to discharge treated groundwater from areas underneath and surrounding the former Champlin Refinery. This recovered water is treated with a sequestering agent, pumped to the treatment building where it first passes through an oil water separator, then through a bag filter before entering an aboveground influent storage tank. From the influent tank, the water is pumped through an air stripper. After the air stripper the water is again treated with a sequestering agent and pumped through a bag filter before it enters the first aboveground effluent tank. From the first effluent tank, the water is pumped through one last set of bag filters before it enters a second aboveground effluent tank. The effluent from the treatment facility is currently reinjected onsite, however, injection capability in the company's two well fields becomes limited within twelve to eighteen months of well installation and the lack of suitable well injection locations preclude reinjection as a viable form of wastewater disposal. Anadarko E & P Onshore, L.L.C hired a consultant to conduct a WLA study for the proposed discharge from its treatment plant. A WLA is the maximum amount of pollutants in treated wastewater that can safely be discharged into a waterbody without adversely affecting its quality.

The [Oklahoma Department of Environmental Quality](#) (DEQ), along with the U.S. Environmental Protection Agency (EPA), evaluated the results of the consultant's WLA study and the condition of the unnamed tributary to Skeleton Creek to approve of these recommended maximum amounts that may be discharged into it with a design flow of 0.084 MGD.

**Monthly Average:** 10.51 lb/day CBOD<sub>5</sub> (5-day carbonaceous biochemical oxygen demand)  
21.02 lb/day TSS (total suspended solids)  
8.06 lb/day NH<sub>3</sub>-N (ammonia nitrogen)

**Daily Maximum:** 15.76 lb/day CBOD<sub>5</sub>  
31.53 lb/day TSS  
12.08 lb/day NH<sub>3</sub>-N

The comment period will be open for 45 days. If you have any concerns regarding these proposed limits, please submit your comments in writing by the end of the workday on **March 12, 2018** to

David Akakpo, P.E.  
 Oklahoma DEQ - Water Quality Division  
 P.O. Box 1677  
 Oklahoma City, OK 73101-1677  
 (405) 702-8197  
 E-mail [Water.Comments@deq.ok.gov](mailto:Water.Comments@deq.ok.gov)

You may also request a public meeting in writing. If there is a significant degree of public interest, DEQ will schedule a public meeting. After evaluating comments received and making any necessary changes, the WLA will be submitted to EPA for final approval.

|  |   |                                |                      |
|--|---|--------------------------------|----------------------|
| <b>FACILITY 208:</b> ANADARKO E & P ONSHORE, LLC                       |   | <b>CITY/TOWN:</b>              | ENID                 |
| <b>FACILITY LEGAL LOCATION:</b>  | NW¼ SE¼ S4T22NR06W I.M.   | <b>COUNTY:</b>                 | GARFIELD             |
| <b>NPDES #:</b>  | OK0100561   | <b>SIC CODE:</b>               | 562910               |
| <b>STATE FACILITY NUMBER:</b>  | I-24000580  | <b>OPERATIONS DESCRIPTION:</b> | Remediation Services |
| <b>OUTFALL NUMBER</b>  | 001   |                                |                      |
| <b>WASTEWATER DESCRIPTION:</b>   | Treated groundwater from remediation process at the Former Champlin Refinery          |                                |                      |
| <b>TREATMENT PROCESS:</b>  | Groundwater Remediation   |                                |                      |
| <b>EVALUATION TYPE:</b>  | Wasteload allocation study  |                                |                      |
| <b>CRITICAL EFFLUENT FLOW(MGD) :</b><br>(Highest 30 day average flow)  | NA  | <b>DESIGN FLOW (MGD):</b>      | 0.084                |
| <b>POINT OF DISCHARGE:</b>   | SE¼NW¼SE¼ S4 T22N R06W I.M  | <b>LATITUDE:</b>               | 36° 24' 38" N        |
|  |   | <b>LONGITUDE:</b>              | 97° 50' 42" W        |
| <b>RECEIVING STREAM:</b>   | Unnamed tributary to Skeleton Creek (OK620910030240_00)                               | <b>SEGMENT:</b>                | 620910               |
| <b>7-day 2-year low flow in MG (7Q2):</b>                              | 0   | <b>STREAM CLASS:</b>           | Intermittent         |
| <b>WASTELOAD ALLOCATION:</b> For Dissolved Oxygen demanding substances |   |                                |                      |
| <b>Monthly Average:</b>  | 10.51 lb/day CBOD <sub>5</sub><br>8.06 lb/day NH <sub>3</sub> -N<br>21.02 lb/day TSS  |                                |                      |
| <b>Daily Maximum:</b>  | 15.76 lb/day CBOD <sub>5</sub><br>12.08 lb/day NH <sub>3</sub> -N<br>31.53 lb/day TSS |                                |                      |
| <b>pH:</b>   | 6.5 - 9.0 s.u.  |                                |                      |
|  |   | <b>EPA APPROVAL DATE</b>       | pending              |
|  |   | <b>RECORD LAST CREATED</b>     | 1/22/2018            |



You are receiving this notice because you are either on DEQ's list to receive all public notices about proposed Waste Load Allocations or you are located downstream in an affected watershed. If you are receiving this notice in error, are getting multiple notices, or do not want to receive future notices, please let us know. In addition to notices about changes in 208 Plans for facilities, the DEQ's Watershed Planning & Stormwater Permitting Section sends out public notices about proposed changes in the Integrated Report, proposed TMDLs, 404 projects, 401 Certification requests, stormwater permits, and proposed changes in the CPP.

If you would like to receive any or all of these public notices via e-mail, please send your e-mail address to [Water.Comments@deq.ok.gov](mailto:Water.Comments@deq.ok.gov). Also, please let us know if you want to receive notices for the entire State or just for your watershed. **By receiving PDF public notices via e-mail, you will help save money and the environment by reducing the amount of paper we use to mail them.** In addition to helping the environment, you will be able to click on helpful FYI hyperlinks.



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