



REGION 6  
DALLAS, TX 75270

December 8, 2023

TRANSMITTED VIA E-MAIL

Steve Reifel, Wastewater Operator  
Harris County Municipal Utility District (MUD) No. 82  
c/o Allen Boone Humphries Robinson LLP  
3200 Southwest Freeway, Suite 2600  
Houston, Texas 77027  
stever@tng-utility.com

Re: Administrative Order; Docket Number: CWA-06-2024-1705  
Harris County MUD No. 82  
TPDES Permit Number: TX0071528

Dear Mr. Reifel:

Enclosed is an Administrative Order (AO) issued to Harris County MUD 82, for violations of the Clean Water Act (CWA) (33 U.S.C. § 1251 et seq.). Violations were identified during a review of the permit file and discharge monitoring reports submitted for the Harris County MUD 82 Wastewater Treatment Facility. The violations alleged are for failure to meet permit effluent limitations. The Environmental Protection Agency requests that you immediately confirm receipt of this e-mail and the attached order by a response e-mail to [montoya.david01@epa.gov](mailto:montoya.david01@epa.gov).

This AO does not assess a monetary penalty; however, it does require compliance with applicable federal regulations. The first compliance deadline is within thirty days of the effective date of the AO. The EPA is committed to ensuring compliance with the requirements of the National Pollutant Discharge Elimination System (NPDES) program and my staff will assist you in any way possible. Please reference AO Docket Number CWA-06-2024-1705 and TPDES Permit Number TX0071528 on your response.

If you have any questions, please contact Mr. David Montoya Jr. of my staff, at (214) 665-6478 or [montoya.david01@epa.gov](mailto:montoya.david01@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Cheryl T. Seager".

Digitally signed by  
CHERYL SEAGER  
Date: 2023.12.08 13:53:07  
-06'00'

Cheryl T. Seager, Director  
Enforcement and  
Compliance Assurance Division

Enclosure

ec: [kristy.deaver@tceq.texas.gov](mailto:kristy.deaver@tceq.texas.gov)



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6

### FINDINGS OF VIOLATION AND COMPLIANCE ORDER

Docket Number: CWA-06-2024-1705; TPDES Permit Number: TX0071528

#### STATUTORY AUTHORITY

The following findings are made, and Order issued, under the authority vested in the Administrator of the United States Environmental Protection Agency (EPA), Section 309(a) of the Clean Water Act (the Act), 33 U.S.C. § 1319(a). The Administrator of EPA delegated the authority to issue this Order to the Regional Administrator of EPA Region 6, who delegated this authority to the Director of the Enforcement and Compliance Assurance Division.

#### FINDINGS

1. Harris County Municipal Utility District (MUD) No. 82 (Respondent) is a "person," as that term is defined at Section 502(5) of the Act, 33 U.S.C. § 1362(5), and 40 C.F.R. § 122.2.
2. At all times relevant to this Order (all relevant times), Respondent owned or operated the Harris County MUD 82 Wastewater Treatment Facility (facility) located northeast of the intersection of Birnamwood Drive and Cypresswood Drive, in Harris County, Texas 77373, and was, therefore, an "owner or operator" within the meaning of 40 C.F.R. § 122.2.
3. At all relevant times, the facility acted as a "point source" of a "discharge" of "pollutants" with its final wastewater discharge to Harris County Flood Control District (HCFCD) Ditch J109-01-00; thence to HCFCD Ditch J109-00-00; thence to Spring Creek in Segment No. 1008 of the San Jacinto River Basin, which are "waters of the United States," within the meaning of Section 502 of the Act, 33 U.S.C. § 1362, and 40 C.F.R. § 122.2.
4. Because Respondent owned or operated a facility that acted as a point source of discharges of pollutants to waters of the United States, Respondent and the facility were subject to the Act and the National Pollutant Discharge Elimination System (NPDES) program.
5. Under Section 301 of the Act, 33 U.S.C. § 1311, it is unlawful for any person to discharge any pollutant from a point source to waters of the United States, except with the authorization of, and in compliance with, an NPDES permit issued pursuant to Section 402 of the Act, 33 U.S.C. § 1342.
6. Section 402(a) of the Act, 33 U.S.C. § 1342(a), provides that the Administrator of EPA may issue permits under the NPDES program for the discharge of pollutants from point sources to waters of the United States. Any such discharge is subject to the specific terms and conditions prescribed in the applicable
7. Section 402 of the Act, 33 U.S.C. § 1342, authorizes states to request approval from EPA to administer their own permit programs for discharges into navigable waters within their jurisdiction. Pursuant to this provision, the State of Texas requested approval from EPA to administer its own permit program for discharges into navigable waters within Texas, and such approval was granted by EPA on September 14, 1998. Therefore, pursuant to the State's permit program, the Texas Commission on Environmental Quality (TCEQ) issued Texas Pollutant Discharge Elimination System (TPDES) permits. Violation of a TPDES permit is a violation of Section 301(a) of the Act, 33 U.S.C. § 1311(a).
8. Respondent applied for and was issued TPDES Permit No. TX0071528 (permit) under Section 402 of the Act, 33 U.S.C. § 1342, which was issued on September 9, 2021. At all relevant times, Respondent was authorized to discharge pollutants from the facility to waters of the United States only in compliance with the specific terms and conditions of the permit.
9. The permit includes "Monitoring and Reporting Requirements" that require Respondent to sample and test its effluent and monitor its compliance with permit conditions according to specific procedures, in order to determine the facility's compliance or noncompliance with the permit and applicable regulations. The permit also requires Respondent to file with TCEQ certified Discharge Monitoring Reports (DMRs) of the results of monitoring, and Noncompliance Reports when appropriate.
10. The permit contains "Effluent Limitations and Monitoring Requirements" that place certain limitations on the quality and quantity of effluent discharged by Respondent. The relevant discharge limitations are specified in Attachment A, which is incorporated herein by reference.
11. Certified DMRs filed by Respondent with TCEQ in compliance with the permit show discharges of pollutants from the facility that exceed the permitted effluent limitations established in the permit, as specified in Attachment B, which is incorporated herein by reference.

12. Each instance in which Respondent discharged pollutants to waters of the United States in amounts exceeding the effluent limitations contained in the permit was a violation of the permit and Section 301 of the Act, 33 U.S.C. § 1311.

SECTION 309(a)(3) COMPLIANCE ORDER

Based on the foregoing Findings and pursuant to the authority of Section 309(a)(3) of the Act, 33 U.S.C. § 1319(a)(3), EPA hereby orders Respondent to take the following action:

A. Take such measures as are necessary to comply with all permit conditions, including Effluent Limitations and Monitoring and Reporting Requirements, no later than thirty (30) days from the effective date of the Order.

B. Within thirty (30) days of the effective date of this Order, Respondent shall submit a list of the specific actions taken to correct the Carbonaceous BOD [5-day, 20°C], E. coli, Flow (in conduit or through treatment plant), Total Ammonia Nitrogen, Dissolved Oxygen, and the Total Suspended Solids.

C. Within thirty (30) days of the effective date of this Order, Respondent shall provide written certification to EPA Region 6 that the violations cited herein have been corrected and the facility is compliant with the requirements of the permit.

D. In the event the Respondent believes complete correction of the violations cited herein is not possible within thirty (30) days of the effective date of this Order, Respondent shall, within thirty (30) days of the effective date of this Order, submit a comprehensive written plan for the elimination of the cited violations within the shortest possible time. Such plan shall describe in detail the specific corrective actions to be taken and why such actions are sufficient to correct the violations. The plan shall include a detailed schedule for the elimination of the violations within the shortest possible time, as well as measures to prevent these or similar violations from recurring.

E. Any information or correspondence submitted by Respondent to EPA under this Order shall be submitted, via e-mail, to the following:

Mr. David Montoya Jr.  
montoya.david01@epa.gov

GENERAL PROVISIONS

Respondent may seek federal judicial review of the Order pursuant to Chapter 7 of the Administrative Procedure Act, 5 U.S.C. §§ 701-706.

Issuance of this Section 309(a)(3) Compliance Order shall not be deemed an election by EPA to waive any administrative, judicial, civil, or criminal action to seek penalties, fines, or other relief under the Act for the violations cited herein, or other violations that become known to EPA. EPA reserves the right to seek any remedy available under the law that it deems appropriate.

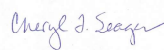
Failure to comply with this Section 309(a)(3) Compliance Order or the Act may result in further administrative action, or a civil judicial action initiated by the United States Department of Justice.

This Order does not constitute a waiver or modification of the terms or conditions of Respondent's NPDES permit, which remain in full force and effect. Compliance with the terms and conditions of this Order does not relieve Respondent of its obligation to comply with any applicable federal, state, or local law or regulation.

The effective date of this Order is the date it is received by Respondent.

December 8, 2023

Date



Digitally signed by CHERYL  
SEAGER  
Date: 2023.12.08 13:52:13 -06'00'

Cheryl T. Seager, Director  
Enforcement and  
Compliance Assurance Division

**Attachment A**  
**Harris County Municipal County No. 82**  
**Interim Effluent Limitations and Monitoring Requirements**  
**NPDES Permit ID: TX0071528**

| Effluent Characteristic                                                     | Discharge Limitations                |                            |
|-----------------------------------------------------------------------------|--------------------------------------|----------------------------|
| <b>Outfall: 001</b>                                                         | <b>Daily Avg.<br/>mg/L (lbs/day)</b> | <b>Daily Max.<br/>mg/L</b> |
| Flow, MGD (2HR Peak)                                                        | 2900 gal/min                         |                            |
| Carbonaceous Biological<br>Oxygen Demand [5-day, 20°C)                      | 10 (92)                              | 25                         |
| Total Suspended Solids                                                      | 15 (138)                             | 40                         |
| Total Ammonia Nitrogen                                                      | 3 (28)                               | 10                         |
| E. coli, colony-forming units<br>(CFU) or most probable number<br>per 100mL | 63 CFU                               | 200 CFU                    |

**Additional Effluent Limitations:** The effluent shall contain a minimum dissolved oxygen of 5.0 mg/L and shall be monitored twice per week by grab sample.

**Attachment B**  
**Harris County Municipal Utility District No. 82**  
**Interim Effluent Limitations and Monitoring Requirements**  
**NPDES Permit ID: TX0071528**

| <b>Monitoring Period End Date</b> | <b>Parameter</b>                         | <b>Monitoring</b> | <b>Unit</b> | <b>Limit Value</b> | <b>DMR Value</b> |
|-----------------------------------|------------------------------------------|-------------------|-------------|--------------------|------------------|
| 08/31/2022                        | Nitrogen, ammonia total [as N]           | DAILY MX          | mg/L        | 10                 | 16.7             |
| 01/31/2023                        | Flow, in conduit or thru treatment plant | 2HR PEAK          | gal/min     | 2900               | 3056             |
| 02/28/2023                        | E. coli, colony forming units [CFU]      | DAILY MX          | MPN/100mL   | 200                | 2420             |
| 02/28/2023                        | Nitrogen, ammonia total [as N]           | DAILY MX          | mg/L        | 10                 | 12.9             |
| 03/31/2023                        | BOD, carbonaceous [5-day, 20°C]          | DAILY AV          | lb/d        | 92                 | 95.08            |
| 03/31/2023                        | BOD, carbonaceous [5-day, 20°C]          | DAILY AV          | mg/L        | 10.                | 10.463           |
| 03/31/2023                        | E. coli, colony forming units [CFU]      | DAILY MX          | MPN/100mL   | 200                | 2420             |
| 03/31/2023                        | Nitrogen, ammonia total [as N]           | DAILY AV          | lb/d        | 28                 | 148.838          |
| 03/31/2023                        | Nitrogen, ammonia total [as N]           | DAILY AV          | mg/L        | 3                  | 16.79            |
| 03/31/2023                        | Nitrogen, ammonia total [as N]           | DAILY MX          | mg/L        | 10                 | 36.9             |
| 03/31/2023                        | Oxygen, dissolved [DO]                   | MO MIN            | mg/L        | 5                  | 4.79             |
| 03/31/2023                        | Solids, total suspended                  | DAILY AV          | lb/d        | 138                | 1046.465         |
| 03/31/2023                        | Solids, total suspended                  | DAILY AV          | mg/L        | 15                 | 102.642          |
| 03/31/2023                        | Solids, total suspended                  | DAILY MX          | mg/L        | 40                 | 769              |
| 04/30/2023                        | E. coli, colony forming units [CFU]      | DAILY AV          | MPN/100mL   | 63                 | 766.944          |
| 04/30/2023                        | E. coli, colony forming units [CFU]      | DAILY MX          | MPN/100mL   | 200                | 2420             |
| 04/30/2023                        | Nitrogen, ammonia total [as N]           | DAILY MX          | mg/L        | 10                 | 10.4             |
| 04/30/2023                        | Solids, total suspended                  | DAILY AV          | lb/d        | 138                | 445.171          |
| 04/30/2023                        | Solids, total suspended                  | DAILY AV          | mg/L        | 15                 | 48.936           |
| 04/30/2023                        | Solids, total suspended                  | DAILY MX          | mg/L        | 40                 | 107              |
| 05/31/2023                        | E. coli, colony forming units [CFU]      | DAILY MX          | MPN/100mL   | 200                | 1300             |
| 05/31/2023                        | Solids, total suspended                  | DAILY AV          | lb/d        | 138                | 303.717          |
| 05/31/2023                        | Solids, total suspended                  | DAILY AV          | mg/L        | 15                 | 38.922           |
| 05/31/2023                        | Solids, total suspended                  | DAILY MX          | mg/L        | 40                 | 216              |
| 06/30/2023                        | Solids, total suspended                  | DAILY AV          | lb/d        | 138                | 193.031          |
| 06/30/2023                        | Solids, total suspended                  | DAILY AV          | mg/L        | 15                 | 22.296           |
| 06/30/2023                        | Solids, total suspended                  | DAILY MX          | mg/L        | 40                 | 79.3             |
| 07/31/2023                        | Solids, total suspended                  | DAILY AV          | mg/L        | 15                 | 17.102           |
| 07/31/2023                        | Solids, total suspended                  | DAILY MX          | mg/L        | 40                 | 74.7             |
| 08/31/2023                        | Nitrogen, ammonia total [as N]           | DAILY MX          | mg/L        | 10                 | 14.3             |
| 08/31/2023                        | Solids, total suspended                  | DAILY AV          | lb/d        | 138                | 285.044          |
| 08/31/2023                        | Solids, total suspended                  | DAILY AV          | mg/L        | 15                 | 35.05            |
| 08/31/2023                        | Solids, total suspended                  | DAILY MX          | mg/L        | 40                 | 155.             |
| 09/30/2023                        | E. coli, colony forming units [CFU]      | DAILY AV          | MPN/100mL   | 63                 | 118.438          |
| 09/30/2023                        | E. coli, colony forming units [CFU]      | DAILY MX          | MPN/100mL   | 200                | 2420.            |
| 09/30/2023                        | Nitrogen, ammonia total [as N]           | DAILY MX          | mg/L        | 10                 | 17.4             |