



REGION 6

DALLAS, TX 75270

May 15, 2024

TRANSMITTED VIA EMAIL

Mr. Elauterio Trujillo, President
And
Clarence Aragon, Operator
Mora Mutual Domestic Water and Sewer Association
Post Office Box 304
Mora, NM 87732
mwsa@nnmt.net

Re: Administrative Order; Docket Number: CWA-06-2024-1761
Mora Mutual Domestic Water and Sewer Association
NPDES Permit Number: NM0024996

Dear Mr. Trujillo and Mr. Aragon,

On February 20, 2024, our office received a request to initiate considerable changes to the schedule of compliance included in the Administrative Order (AO), Docket Number CWA-06-2023-1705, issued to Mora Mutual Domestic Water and Sewer Association on November 2, 2022.

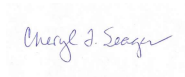
The reason for the request is due to funding priorities determined by the New Mexico Environment Department (NMED) to ensure the sanitary sewer collection system Inflow/Infiltration (I/I) issues are addressed prior to rehabilitation of the wastewater treatment plant. EPA has reviewed the request and concurs with NMED on the need to address these higher priorities of I/I prior to completing the treatment plant upgrades.

Enclosed is AO Docket Number CWA-06-2024-1761 issued to the Mora Mutual Domestic Water and Sewer Association, which replaces AO Docket Number CWA-06-2023-1705.

This AO does not assess a monetary penalty; however, it does require compliance with applicable federal regulations. The Environmental Protection Agency Region 6 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-06-2024-1761 and NPDES Permit Number NM0024996 for future correspondence. If you have any questions, please contact Ms. Rachel Matthews, of my staff, at (214) 665-8589 or at matthews.rachel@epa.gov.

Sincerely,



Digitally signed by CHERYL
SEAGER
Date: 2024.05.15 12:34:16
-05'00'

Cheryl T. Seager, Director
Enforcement and
Compliance Assurance Division

Enclosure

e.c. Ms. Shelly Lemon
NMED Water Bureau Chief
shelly.lemon@env.nm.gov

Ms. Susan LucasKamat
NMED Surface Water Quality Bureau
susan.lucaskamat@env.nm.gov



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 6
FINDINGS OF VIOLATION AND COMPLIANCE ORDER
Docket Number: CWA-06-2024-1761; Permit Number: NM0024996

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), by Section 309(a) of the Clean Water Act (herein "the Act"), 33 U.S.C. § 1319(a). The Administrator of EPA has delegated the authority to issue this Order to the Regional Administrator of EPA Region 6, who has further delegated this authority to the Director of the Enforcement and Compliance Assurance Division.

FINDINGS

1. Mora Mutual Water and Sewer Works Association (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), the Respondent was authorized to discharge from a wastewater treatment plant located one mile east of the Village of Mora, Mora County, New Mexico (facility), 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 wastewater to the receiving water named Mora River, in Waterbody Segment Code No. 20.6.4.307, of the Canadian River Basin, which are considered "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 is a point source of discharges of pollutants to waters of the U.S., 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 permit.
7. Respondent applied for and was issued NPDES Permit No. NM0024996 (permit) under Section 402 of the Act, 33 U.S.C. § 1342, which became effective on April 1, 2023. 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.
8. Part I.A. of the permit places certain limitations on the quality and quantity of effluent discharged by Respondent.
9. The permit also includes "Monitoring and Reporting Requirements" that require Respondent to sample and test its effluent and monitor compliance with permit conditions according to specific procedures, in order to determine the facility's compliance or noncompliance with the permit and applicable regulations.
10. The permit requires Respondent to file certified Discharge Monitoring Reports (DMRs) of the results of monitoring. DMRs filed by Respondent show discharges of pollutants that exceed the effluent limitations.
11. Flow data, submitted by Respondent, show discharges have exceeded the design flow limitations of the permit and thereby exceeds the capacity of the Wastewater Treatment Plant (WWTP).
12. On March 18, 2022, EPA issued Administrative Order (AO) Docket Number CWA-06-2022-1762 (Original AO), which cited effluent limit violations of the permit. The Original AO required Respondent to eliminate cited violations or submit a plan for to eliminate violations.
13. On April 11, 2022, Respondent submitted a response citing a Preliminary Engineering Report (PER) had been completed, indicating major areas of improvements needed and alternative solutions.
14. On October 12, 2022, Respondent agreed to a long-term comprehensive plan of action, which was incorporated as a schedule of compliance into AO Docket Number CWA-2023-1705, issued on November 2, 2022. See Attachment A.
15. On February 20, 2024, EPA received a request to initiate changes to the schedule of compliance for AO Docket Number CWA-2023-1705. The reason for the request is due to funding priorities of the New Mexico Environment Department (NMED) to ensure the sanitary sewer collection system Inflow/Infiltration (I/I) issues are addressed prior to

rehabilitation of the wastewater treatment plant, if necessary, after reevaluation. EPA has reviewed the request and concurs with NMED on the need to address these higher priorities of I/I.

16. An updated schedule of compliance has been incorporated into this AO, which replaces the previous AO.

17. Each violation of the conditions of this permit or regulations described above is a violation of 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, EPA hereby orders the Respondent to take the following actions:

A. Immediately take such measures as are necessary to comply with all permit conditions, including Effluent Limitations and Monitoring and Reporting Requirements.

B. Respondent shall accomplish the following tasks and comply with the following schedule of activities:

<u>TASK</u>	<u>DUE DATE</u>
1. Apply for technical assistance through the Southwest Environmental Finance Center Network (SW EFC) for further assistance with a rate analysis, capital improvement planning, and asset management.	Within 30 days of this AO
2. Submit plan to smoke test, CCTV, or equivalent, to evaluate the sanitary sewer collection system and private lateral lines for Inflow/Infiltration (I/I).	Within 30 days of this AO
3. Submit I/I evaluation report.	8/30/2024
4. Submit plans to repair collection system.	8/30/2024
5. Submit WWTP controls evaluation and plan for modifications to assist automated operations.	8/30/2024
6. Submit copy of engineering plans, including cost estimates, indicating 30% of the design of collection system upgrades and (if necessary)	10/31/2024

	WWTP automated operations has been completed by contractor.	
7.	Submit copy of engineering plans, including cost estimates, indicating 60% of the design of collection system upgrades and (if necessary) WWTP automated operations has been completed by contractor.	2/28/2025
8.	Apply for NM CWSRF, or any other available source, to help fund the construction phase of repairs to the collection system and WWTP control improvements.	2/28/2025
9.	Submit copy of engineering plans, including cost estimates, indicating 90% of the design of collection system upgrades and (if necessary) WWTP automated operations has been completed by contractor.	6/30/2025
10.	Submit copy of a draft Capital Improvement Plan (CIP) based on projected costs for 5 years.	6/30/2025
11.	Submit copy of rate analysis for the cost of adequate long-term operation and maintenance of the WWTP and collection system.	6/30/2025
12.	Submit copy of final engineering plans, including cost estimates, to address collection system and (if necessary) the WWTP control improvements.	10/31/2025
13.	Submit copy of increased rates/fees based on rate analysis.	1/30/2025
14.	Submit copy of a finalized Capital Improvement Plan (CIP) based on projected costs for 5 years.	1/30/2025
15.	Complete all necessary repairs of the collection system.	10/31/2026
16.	Submit copy of PER to evaluate alternatives for WWTP based on flows following the completion of collection system repairs.	4/30/2028
17.	Complete proper sludge removal and disposal from lagoons	3/31/2029

C. Within thirty (30) days of completing tasks 1, 8, 15, and 17 in paragraph "B" above, Respondent shall submit a "Project Completion Report" and include a description of the task(s) implemented and any problems encountered.

D. If Respondent would like to arrange a meeting with EPA to discuss the allegations in Section 309 (a)(3) Compliance Order, Respondent should contact EPA within thirty (30) days of the effective date of this Order. The meeting will be held at the Region 6 offices, 1201 Elm St., Dallas, Texas, or through a virtual platform, as appropriate, and the Respondent can provide any information it believes is relevant to this Order. Respondent shall submit to EPA all information or materials it considers relevant to EPA at least ten (10) days prior to the meeting.

E. To arrange a meeting, or to ask questions or comment on this matter, please contact Rachel Matthews, of my staff, at (214) 665-8589.

F. All information, and/or correspondence, shall be electronically submitted to:

Ms. Nancy Williams
williams.nancy@epa.gov

and

Ms. Rachel Matthews
matthew.rachel@epa.gov

GENERAL PROVISIONS

Respondent may seek federal judicial review of this 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.

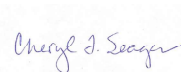
Failure to comply with this Section 309(a)(3) Compliance Order or the Act may result in further administrative action, or a civil judicial action initiated by the United States Department of Justice.

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 the Respondent.

May 15, 2024

Date



Digitally signed by CHERYL
SEAGER
Date: 2024.05.15 12:30:03
-05'00'

Cheryl T. Seager, Director
Enforcement and
Compliance Assurance Division

Attachment

Administrative Order; Docket Number: CWA-06-2024-1761



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1201 ELM STREET, SUITE 500
DALLAS, TEXAS 75270-2102

November 2, 2022

CERTIFIED MAIL–RETURN RECEIPT REQUESTED:

Mr. Elauterio Trujillo, President
Mora Mutual Water and Sewer Works Association
Post Office Box 304
Mora, NM 87732

Re: Administrative Order; Docket Number: CWA-06-2023-1705
NPDES Permit Number: NM0024996

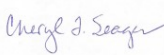
Dear Mr. Trujillo,

Enclosed is an Administrative Order (AO) issued to the Mora Mutual Water and Sewer Works Association for violations of the Clean Water Act (CWA) (33 U.S.C. § 1251 et seq.). The violations alleged are for failure to meet permit effluent limits in addition to ensuring flow is limited to the capacity of the treatment system through proper operation and maintenance, which also impacts effluent limits.

This AO does not assess a monetary penalty; however, it does require compliance with applicable federal regulations. The first compliance deadline is thirty days from the effective date of this letter. The Environmental Protection Agency Region 6 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-06-2023-1705 and NPDES Permit Number NM0024996 on your response.

If you have any questions, please contact Ms. Rachel Matthews, of my staff, at (214) 665-8589 or at matthews.rachel@epa.gov.

Sincerely,

 Digitally signed by CHERYL
SEAGER
Date: 2022.11.02 13:24:13
-05'00'

Cheryl T. Seager, Director
Enforcement and
Compliance Assurance Division

Enclosure

e.c. Clarence Aragon
mwsa@nnmt.net

Ms. Shelly Lemon
NMED Water Bureau Chief
shelly.lemon@state.nm.us

Ms. Susan LucasKamat
NMED Surface Water Quality Bureau
susan.lucaskamat@state.nm.us



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 6 • 1201 Elm St. Suite 500 • Dallas, TX 75270-2102
FINDINGS OF VIOLATION AND COMPLIANCE ORDER
Docket Number: CWA-06-2023-1705; Permit Number: NM0024996

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), by Section 309(a) of the Clean Water Act (herein “the Act”), 33 U.S.C. § 1319(a). The Administrator of EPA has delegated the authority to issue this Order to the Regional Administrator of EPA Region 6, who has further delegated this authority to the Director of the Enforcement and Compliance Assurance Division.

FINDINGS

1. Mora Mutual Water and Sewer Works Association (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), the Respondent was authorized to discharge from a wastewater treatment plant located one mile east of the Village of Mora, Mora County, New Mexico (facility), 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 wastewater to the receiving water named Mora River, in Waterbody Segment Code No. 20.6.4.307, of the Canadian River Basin, which are considered “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 is a point source of discharges of pollutants to waters of the U.S., 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 permit.

7. Respondent applied for and was issued NPDES Permit No. NM0024996 (permit) under Section 402 of the Act, 33 U.S.C. § 1342, which became effective on October 1, 2017, with an expiration date of September 30, 2022. Respondent applied for a new permit within the required timeframe, therefore it continues to be in effect through administrative extension while the application is under review and a new permit issued. 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.

8. Part I.A. of the permit places 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.

9. The permit also includes “Monitoring and Reporting Requirements” that require Respondent to sample and test its effluent and monitor compliance with permit conditions according to specific procedures, in order to determine the facility’s compliance or noncompliance with the permit and applicable regulations.

10. The permit requires Respondent to file certified Discharge Monitoring Reports (DMRs) of the results of monitoring. DMRs filed by Respondent show discharges of pollutants that exceed the effluent limitations as specified in Attachment B, incorporated herein by reference.

11. Pursuant to Part III.B of the permit, Respondent is required to, at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Respondent as efficiently as possible and in a manner which will minimize upsets and discharges of excessive pollutants and will achieve compliance with the conditions of the permit.

12. The permit specifies that the facility has a capacity of .052 MGD (million gallons per day). Flow that is greater than the capacity flow adversely impacts the treatment capabilities of the facility, impacts the effluent limitations, and violates Part III.B of the permit.

13. Flow data, submitted by Respondent, show discharges have exceeded the capacity of the Wastewater Treatment Plant (WWTP) which is violation of Part III.B of the permit. Flow data submitted is specified in Attachment C and incorporated herein by reference.

14. On March 18, 2022, EPA issued Administrative Order (AO) Docket Number CWA-06-2022-1762 (Original AO), which cited effluent limit violations of the permit. The Original AO required Respondent to eliminate cited violations or submit a plan for to eliminate violations.

15. Respondent submitted a response on April 11, 2022, citing a Preliminary Engineering Report (PER) had been completed, indicating major areas of improvements needed and alternative solutions.

16. On October 12, 2022, Respondent agreed to a long-term comprehensive plan of action, which has been incorporated into this AO.

17. Each violation of the conditions of this permit or regulations described above is a violation of 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, EPA hereby orders the Respondent to take the following actions:

A. Immediately take such measures as are necessary to comply with all permit conditions, including Effluent Limitations and Monitoring and Reporting Requirements.

B. Respondent shall accomplish the following tasks and comply with the following schedule of activities:

<u>TASK</u>	<u>DUE DATE</u>
1. Apply for NM Clean Water State Revolving Fund (CWSRF) assistance to help fund engineering construction plans, repairs and/or changes to the WWTP, inflow & infiltration (I/I) study, repairs to the collection system, a rate study, and/or capital improvement planning, as allowed	March 1, 2023
2. Secure, and submit a copy of, a contract for the completion of construction design engineering plans for the WWTP improvements based on the Preliminary Engineering Report (PER) dated August 2020	June 30, 2023

3.	Submit a plan to smoke test, CCTV, or equivalent to inspect the collection system and private lateral lines for I/I	August 30, 2023
4.	Submit a copy of the engineering plans, including cost estimates, indicating 30% of the design has been completed by the contracted firm	Within 5 days of receiving
5.	Submit a copy of the engineering plans, including cost estimates, indicating 60% of the design has been completed by the contracted firm	Within 5 days of receiving
6.	Submit a copy of the engineering plans, including cost estimates, indicating 90% of the design has been completed by the contracted firm	Within 5 days of receiving
7.	Submit a copy of the final construction design engineering plans for the improvements to the WWTP, including all cost estimates	August 30, 2024
8.	Complete, and submit a copy of, a rate study for the cost of adequate long-term operation, maintenance, and staffing levels for the WWTP and collection system	August 30, 2024
9.	Submit a draft 5-year Capital Improvement Plan (CIP) for all operations and maintenance (O&M) needs for the WWTP and collection system	August 30, 2024
10.	Submit a copy of increased rates/fees, based on the rate study under Task 8	June 30, 2025
11.	Submit the finalized 5-year CIP for all expected expenses for the O&M of the WWTP and collection system	June 30, 2025
12.	Complete smoke testing, CCTV, or equivalent, to inspect the collection system and private lateral lines for I/I and submit summary of results	August 30, 2025
13.	Funding for all construction phases has been secured and a Request for Proposal (RFP) process initiated	June 30, 2026
14.	Complete proper sludge removal and disposal from lagoons	June 30, 2028
15.	Complete all necessary repairs of the collection system components required to control inflow/infiltration	June 30, 2028
16.	Complete all rehabilitation, upgrades, or new construction of the WWTP	June 30, 2028

C. Within thirty (30) days of completing tasks 1, 13, 14, 15, and 16 in “B” above, Respondent shall submit a “Project Completion Report” and include a description of the task(s) implemented and any problems encountered.

D. If Respondent would like to arrange a meeting with EPA to discuss the allegations in Section 309 (a)(3) Compliance Order, Respondent should contact EPA within thirty (30) days of the effective date of this Order. The meeting will be held at the Region 6 offices, 1201 Elm St., Dallas, Texas, or through a virtual platform, as appropriate, and the Respondent can provide any information it believes is relevant to this Order. Respondent shall submit to EPA all information or materials it considers relevant to EPA at least ten (10) days prior to the meeting.

E. To arrange a meeting, or to ask questions or comment on this matter, please contact Rachel Matthews, at (214) 665-8589.

F. All information, and/or correspondence, shall be electronically submitted to:

Ms. Nancy Williams
Williams.Nancy@epa.gov

and

Ms. Rachel Matthews
Matthew.Rachel@epa.gov

GENERAL PROVISIONS

Respondent may seek federal judicial review of this 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.

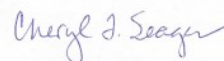
Failure to comply with this Section 309(a)(3) Compliance Order or the Act may result in further administrative action, or a civil judicial action initiated by the United States Department of Justice.

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 the Respondent.

November 2, 2022

Date



Digitally signed by CHERYL
SEAGER
Date: 2022.11.02 13:24:13
-05'00'

Cheryl T. Seager, Director
Enforcement and
Compliance Assurance Division

2. Final Effluent limits - 0.052 MGD design flow

During the period beginning 30 months after the permit effective date and lasting through 59 months from the effective date of the permit (unless otherwise noted), the permittee is authorized to discharge from outfall serial number 001. Such discharges shall be limited and monitored by the permittee as specified below:

POLLUTANT	30-DAY AVG lbs/day, unless noted	DAILY MAX lbs/day, unless noted	7-DAY AVG lbs/day, unless noted	30-DAY AVG mg/l, unless noted	DAILY MAX mg/l, unless noted	7-DAY AVG mg/l, unless noted	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	Report MGD	Report MGD	Report MGD	***	***	***	Continuous	Totalizing Meter ^{<1>}
Biochemical Oxygen Demand (BODs)	13.018	N/A	19.527	30	N/A	45	One/Month	Grab
Total Suspended Solids (TSS)	13.018	N/A	19.527	30	N/A	45	One/Month	Grab
Percent Removal (minimum), BODs	> 85% (1)	***	***	***	***	***	One/Month	Calculation
Percent Removal (minimum), TSS	> 85% (1)	***	***	***	***	***	One/Month	Calculation
Total Residual Chlorine C1> (TRC)	N/A	N/A	N/A	N/A	11 ug/l (4)	N/A	Daily	Instantaneous Qrab(S)
E.coli <6>	N/A	N/A	N/A	126	410	N/A	One/Month	Grab

TIME PERIOD	POLLUTANT	30-DAY AVG lbs/day	DAILY MAX lbs/day	30-DAY AVG mg/l,	DAILY MAX mg/l	MEASUREMENT FREQUENCY	SAMPLE TYPE
Summer (May 1 - Sept 30)	Total Phosphorous	0.81	Report	Report	Report	One/Month	Grab
Summer (May 1 - Sept 30)	Total Nitrogen	5.91	Report	Report	Report	One/Month	Grab
Winter (Oct 1 - April 30)	Total Phosphorous	0.26	Report	Report	Report	One/Month	Grab
Winter (Oct 1 - April 30)	Total Nitro2en	2.17	Report	Report	Report	One/Month	Grab

POLLUTANT	DISCHARGE LIMITATIONS MINIMUM (Standard Units)	DISCHARGE LIMITATIONS MAXIMUM (Standard Units)	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	6.6	9.0	Daily	Grab

WHOLE EFFLUENT TOXICITY TESTING (48-Hr. Static Non-Renewal) (7)	30-DAY AVG	48-HR MINIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
Daphnia pulex	Report	Report	One/5 yrs < ⁹ >	Grab
Pimephales promelas	Report	Report	One/5 yrs < ¹ >	Grab

FOOTNOTES:

- 1 The facility shall install, calibrate and maintain appropriate continuous flow measurement devices (i.e., Open channel Parshall flume with staff gauge and with a secondary ultrasonic sensor) to ensure the accuracy and reliability of measurements of the volume of monitored discharges. Report monthly average and daily maximum as million gallons per day {MGD} by instantaneous measurement.
- 2 Percent removal is calculated as follows: $\{[(\text{average monthly influent concentration} - \text{average monthly effluent concentration}) / \text{average monthly influent concentration}] \times 100\}$
- 3 The facility shall install a new serpentine chlorine contact chamber and dechlorination unit to replace the current undersized and incorrectly designed units.
- 4 Prior to final disposal, the effluent shall contain NO MEASURABLE total residual chlorine {TRC} at any time. NO MEASURABLE will be defined as no detectable concentration of TRC as determined by any approved method established in 40 CFR 136. If during the term of this permit, the minimum quantification level for TRC becomes less than 11 ug/l, then 11 ug/l shall become the effluent limitation.
- 5 Regulations at 40 CFR Part 136 define "instantaneous grab" as analyzed within 15 minutes of collection. Sampling and reporting is required when chlorine is used for either bacteria control and/or when chlorine is used to treat filamentous algae and/or used to disinfect process treatment equipment at the facility. The effluent limitation for TRC is the instantaneous maximum and cannot be averaged for reporting purposes.
- 6 Most Probable Number (MPN) per 100 ml. The 30-day average for E. coli bacteria is the geometric mean of the values for all effluent samples collected during a calendar month.
- 7 See Part 11.F, Whole Effluent Toxicity Testing Requirements for additional WET monitoring and reporting conditions.
- 8 Monitoring and reporting requirements begin on the effective date of this permit. The test should be conducted in winter or springtime when most sensitive juvenile life forms are likely to be present in receiving water and colder ambient temperatures might adversely affect treatment processes. This will generally be defined as between November 1 and April 30.

3. Final Effluent limits - 0.052 MGD design flow

During the period beginning 59 months after the permit effective date and lasting through the expiration date of this permit (unless otherwise noted), the permittee is authorized to discharge from outfall serial number 001. Such discharges shall be limited and monitored by the permittee as specified below:

POLLUTANT	30-DAY AVG lbs/day, unless noted	DAILY MAX lbs/day, unless noted	7-DAY AVG lbs/day, unless noted	30-DAY AVG mg/l, unless noted	DAILY MAX mg/l, unless noted	7-DAY AVG mg/l, unless noted	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	Report MGD	Report MGD	Report MGD	***	***	***	Continuous	Totalizing Meter c>
Biochemical Oxveen Demand (BODs)	13.018	N/A	19.527	30	N/A	45	One/Month	Grab
Total Suspended Solids (TSS)	13.018	N/A	19.527	30	N/A	45	One/Month	Grab
Percent Removal (minimum), BODs	> 85% (1)	•••	•••	•••	***	•••	One/Month	Calculation
Percent Removal (minimum), TSS	85% (2)	***	•••	***	•••	***	One/Month	Calculation
Total Residual Chlorine <3> (TRC)	N/A	N/A	N/A	N/A	11 ug/l C4>	N/A	Daily	Instantaneous Grab (5)
E.coli (6)	N/A	N/A	N/A	126	410	N/A	One/Month	Grab

TIME PERIOD	POLLUTANT	30-DAY AVG lbs/day	DAILY MAX lbs/day	30-DAY AVG mg/l	DAILY MAX mg/l	MEASUREMENT FREQUENCY	SAMPLE TYPE
Summer (May 1 - Sept 30)	Total Phosphorous	0.81(7)	Report<7>	Report(7)	Report<7>	One/Month	Grab
Summer (May 1 - Sept 30)	Total Nitrogen	5.91(7)	Report<7>	ReoortC7)	Report<7>	One/Month	Grab
Winter (Oct 1 -April 30)	Total Phosphorous	-0.26(7)	Report<7>	Report<7>	Report(?)	One/Month	Grab
Winter (Oct I -April 30)	Total Nitrogen	2.0 (7)	Report<7>	Report<7>	Report(7)	One/Month	Grab

POLLUTANT	DISCHARGE LIMITATIONS MINIMUM(Standard Units)	DISCHARGE LIMITATIONS MAXIMUM (Standard Units)	MEASUREMENT FREQUENCY	SAMPLE TYPE
PH	6.6	9.0	Daily	Grab

WHOLE EFFLUENT TOXICITY TESTING (48-Hr. Static Non-Renewal) < ⁸ >	30-DAY AVG	48-HR. MINIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
Daphnia pulex	Report	Report	One/5yrs (⁹)	Grab
Pimephales promelas	Report	Report	One/5yrs < ⁹ >	Grab

FOOTNOTES:

- 1 The facility shall install, calibrate and maintain appropriate continuous flow measurement devices (Le., Open channel Parshall flume with staff gauge and with a secondary ultrasonic sensor) to ensure the accuracy and reliability of measurements of the volume of monitored discharges. Report monthly average and daily maximum as million gallons per day (MGD) by instantaneous measurement.
- 2 Percent removal is calculated as follows: $\{[(\text{average monthly influent concentration} - \text{average monthly effluent concentration}) / \text{average monthly influent concentration}] \times 100\}$
- 3 The facility shall install a new serpentine chlorine contact chamber and dechlorination unit to replace the current undersized and incorrectly designed units.
- 4 Prior to final disposal, the effluent shall contain NO MEASURABLE total residual chlorine (TRC) at any time. NO MEASURABLE will be defined as no detectable concentration of TRC as determined by any approved method established in 40 CFR 136. If during the term of this permit, the minimum quantification level for TRC becomes less than 11 ug/l, then 11 ug/l shall become the effluent limitation.
- 5 Regulations at 40 CFR Part 136 define "instantaneous grab" as analyzed within 15 minutes of collection. Sampling and reporting is required when chlorine is used for either bacteria control and/or when chlorine is used to treat filamentous algae and/or used to disinfect process treatment equipment at the facility. The effluent limitation for TRC is the instantaneous maximum and cannot be averaged for reporting purposes.
- 6 Most Probable Number (MPN) per 100 ml. The 30-day average for E.coli bacteria is the geometric mean of the values for all effluent samples collected during a calendar month.
- 7 Limitation are effective in the final day of the permit.
- 8 See Part II.F, Whole Effluent Toxicity Testing Requirements for additional WET monitoring and reporting conditions.
- 9 Monitoring and reporting requirements begin on the effective date of this permit. The test should be conducted in winter or springtime when most sensitive juvenile life forms are likely to be present in receiving water and colder ambient temperatures might adversely affect treatment processes. This will generally be defined as between November 1 and April 30.

Attachment B - Administrative Order: Docket Number: CWA-06-2023-1705

Mora Mutual Water and Sewer Works Association - NPDES Permit # NM0024996

Effluent Violations Jan-Oct 2022

<u>Monitoring Period End Date</u>	<u>Parameter</u>	<u>DMR Value Qualifier</u>	<u>DMR Value</u>	<u>Limit Frequency of Analysis</u>	<u>Limit Value Type Code</u>	<u>Limit Value</u>	<u>Statistical Base Short Description</u>	<u>Limit Unit Desc</u>	<u>Limit Season ID</u>	<u>Percent Exceedance</u>
6/30/2022	Solids, suspended percent removal	=	83.2	Monthly	C1	85	MO AV MN	Percent	0	12
6/30/2022	Solids, total suspended	=	22.34	Monthly	Q2	19.527	7 DA AVG	Pounds per Day	0	14
6/30/2022	Phosphorus, total [as P]	=	1.49	Monthly	Q1	0.81	30DA AVG	Pounds per Day	0	84
6/30/2022	Solids, total suspended	=	22.34	Monthly	Q1	13.018	30DA AVG	Pounds per Day	0	72
6/30/2022	Solids, total suspended	=	42	Monthly	C2	30	30DA AVG	Milligrams per Liter	0	40
5/31/2022	Phosphorus, total [as P]	=	1.57	Monthly	Q1	0.81	30DA AVG	Pounds per Day	0	94
4/30/2022	Solids, total suspended	=	39	Monthly	C2	30	30DA AVG	Milligrams per Liter	0	30
4/30/2022	Phosphorus, total [as P]	=	1.12	Monthly	Q1	0.26	30DA AVG	Pounds per Day	1	331
4/30/2022	Nitrogen, total [as N]	=	3.12	Monthly	Q1	2.17	30DA AVG	Pounds per Day	1	44
3/31/2022	Phosphorus, total [as P]	=	0.54	Monthly	Q1	0.26	30DA AVG	Pounds per Day	1	108
3/31/2022	Nitrogen, total [as N]	=	2.6	Monthly	Q1	2.17	30DA AVG	Pounds per Day	1	20
2/28/2022	Nitrogen, total [as N]	=	2.6	Monthly	Q1	2.17	30DA AVG	Pounds per Day	1	20
2/28/2022	Phosphorus, total [as P]	=	0.46	Monthly	Q1	0.26	30DA AVG	Pounds per Day	1	77
1/31/2022	Nitrogen, total [as N]	=	3.07	Monthly	Q1	2.17	30DA AVG	Pounds per Day	1	41
1/31/2022	Phosphorus, total [as P]	=	0.43	Monthly	Q1	0.26	30DA AVG	Pounds per Day	1	65

Attachment C - Administrative Order: Docket Number: CWA-06-2023-1705

Mora Mutual Water and Sewer Works Association - NPDES Permit # NM0024996

Months in 2021 and 2022 showing flows over design capacity and limits

Date	Flow in GPD		Date	Flow in GPD		Date	Flow in GPD		Date	Flow in GPD
10/1/2021	85,632		11/1/2021	71,901		5/1/2022	31,089		6/1/2022	53,125
10/2/2021	122,920		11/2/2021	69,899		5/2/2022			6/2/2022	74,506
10/3/2021	86,167		11/3/2021	83,547		5/3/2022	59,089		6/3/2022	73,753
10/4/2021	100,401		11/4/2021	51,175		5/4/2022	33,644		6/4/2022	66,500
10/5/2021	881,146		11/5/2021	51,197		5/5/2022	28,074		6/5/2022	73,826
10/6/2021	78,553		11/6/2021	60,785		5/6/2022	33,907		6/6/2022	71,655
10/7/2021	61,628		11/7/2021	63,985		5/7/2022	42,459		6/7/2022	
10/8/2021	68,879		11/8/2021	53,079		5/8/2022	31,187		6/8/2022	156,754
10/9/2021	81,379		11/9/2021	64,127		5/9/2022	45,122		6/9/2022	64,446
10/10/2021	72,163		11/10/2021	52,740		5/10/2022	30,843		6/10/2022	43,696
10/11/2021	82,272		11/11/2021	48,889		5/11/2022	34,267		6/11/2022	52,478
10/12/2021	77,816		11/12/2021	60,449		5/12/2022	43,729		6/12/2022	60,031
10/13/2021	74,638		11/13/2021	47,294		5/13/2022	43,868		6/13/2022	51,348
10/14/2021	106,545		11/14/2021	54,616		5/14/2022	41,984		6/14/2022	
10/15/2021	53,912		11/15/2021	49,004		5/15/2022	58,282		6/15/2022	159,039
10/16/2021	82,305		11/16/2021	51,220		5/16/2022	43,565		6/16/2022	36,242
10/17/2021	78,037		11/17/2021	48,698		5/17/2022	59,359		6/17/2022	57,914
10/18/2021	72,933		11/18/2021	51,185		5/18/2022	40,010		6/18/2022	59,605
10/19/2021	102,351		11/19/2021	46,940		5/19/2022	63,504		6/19/2022	43,712
10/20/2021	56,566		11/20/2021	45,409		5/20/2022	44,892		6/20/2022	63,423
10/21/2021	81,953		11/21/2021	48,569		5/21/2022	57,615		6/21/2022	54,460
10/22/2021			11/22/2021	54,263		5/22/2022	65,544		6/22/2022	61,251
10/23/2021	146,268		11/23/2021	43,455		5/23/2022	59,863		6/23/2022	68,232
10/24/2021	78,348		11/24/2021	47,071		5/24/2022	75,846		6/24/2022	62,579
10/25/2021	84,558		11/25/2021	26,780		5/25/2022	89,862		6/25/2022	59,777
10/26/2021	75,375		11/26/2021	37,437		5/26/2022	52,503		6/26/2022	76,038
10/27/2021			11/27/2021	33,514		5/27/2022	70,164		6/27/2022	128,025
10/28/2021	144,064		11/28/2021	38,977		5/28/2022	67,396		6/28/2022	56,295
10/29/2021	76,366		11/29/2021	41,473		5/29/2022	64,569		6/29/2022	81,494
10/30/2021	59,506		11/30/2021	33,304		5/30/2022	72,917		6/30/2022	69,411
10/31/2021	67,162					5/31/2022	95,142			

GPD = Gallon Per Day