



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

**1445 ROSS AVENUE, SUITE 1200
DALLAS, TEXAS 75202-2733**

March 25, 2013

CERTIFIED MAIL—RETURN RECEIPT REQUESTED: 7005 1820 0003 7453 7802

The Honorable Archie Vigil
Mayor, Village of Chama
P.O. Box 794
Chama, NM 87520

Re: Administrative Order, Docket Number: CWA-06-2013-1762
Permit Number: NM0027731

Dear Mayor Vigil:

Enclosed is an Administrative Order (AO) issued to the Village of Chama for violation of the Clean Water Act (33 U.S.C. § 1251 et seq.). Violations were identified during a permit file review and during an inspection of your wastewater treatment facility, conducted by the New Mexico Environment Department on April 28, 2011. The inspection results were discussed with you during a post-inspection phone call. The violations alleged include, but are not limited to, the following:

- 1) Exceedance of permit effluent limitations;
- 2) failure to submit quarterly progress reports; and
- 3) failure to maintain proper operation and maintenance of the wastewater treatment facility, as required by the permit.

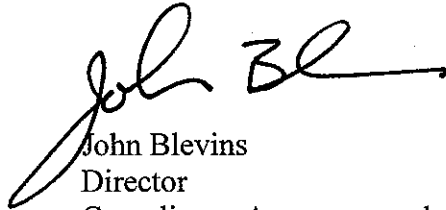
The AO does not assess a monetary penalty; however, it does require compliance with applicable federal regulations within thirty (30) days of its receipt. The AO also contains other compliance deadlines and information demands. The Environmental Protection Agency is committed to ensuring compliance with the requirements of the National Pollutant Discharge Elimination System (NPDES) program, and my staff will assist you in any way possible. Please reference Docket Number CWA-06-2013-1762 and NPDES Permit Number NM0027731 on your response.

Re: Village of Chama
Administrative Order

2

If you have any questions, please contact Mr. Josh Waldmeier, of my staff,
at (214) 665-8064.

Sincerely,

A handwritten signature in black ink, appearing to read "John Blevins", with a long horizontal stroke extending to the right.

John Blevins
Director
Compliance Assurance and
Enforcement Division

Enclosures

cc: Mr. James Hogan
Acting Bureau Chief
Surface Water Quality Bureau
New Mexico Environment Department
P.O. Box 5469
Santa Fe, NM 87502-5469



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1445 Ross Avenue, Suite 1200, Dallas, TX 75202

**FINDINGS OF VIOLATION AND COMPLIANCE ORDER AND
INFORMATION DEMAND**

Docket Number: CWA-06-2013-1762; NPDES Permit Number: NM0027731

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 Sections 308 and 309(a) of the Clean Water Act ("the Act"), 33 U.S.C. § 1318 and §1319(a). The Administrator of EPA delegated the authority to issue this Order to the Regional Administrator of EPA Region 6, who further delegated this authority to the Director of the Compliance Assurance and Enforcement Division.

Findings

1. The Village of Chama ("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 ("all relevant times") to this Order, Respondent owned or operated the Village of Chama wastewater treatment plant, located approximately 0.5 miles west of U.S. Highway 84/64 and the intersection of NM State Highway 17 in the Village of Chama, Rio Arriba 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 was a "point source" of a "discharge" of "pollutants" with its municipal wastewater to the receiving waters of the Rio Chamita, thence to the Rio Chama in Segment No. 20.6.4.119 of the Rio Grande Basin, which is considered a "water 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 the 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 permit.
7. Respondent applied for and was issued NPDES Permit No. NM0027731 ("permit") under Section 402 of the Act, 33 U.S.C. § 1342, which became effective on July 1, 2007 and expired on September 30, 2010. The expired permit was administratively continued until the new permit, which became effective on November 1, 2011, was re-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. Parts III.C and III.D of the permit 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. They also require the Respondent to file with EPA certified Discharge Monitoring Reports ("DMRs") of the results of monitoring, and Noncompliance Reports when appropriate.
9. Part I.A of the permit places certain limitations on the quality and quantity of effluent discharged by the Respondent. The relevant discharge limitations for the permit effective July 1, 2007 are listed in Attachment A and the relevant discharge limitations for the permit effective November 1, 2011, are listed in Attachment B.
10. Certified DMRs filed by the Respondent with EPA in compliance with the permit show discharges of pollutants from the facility that exceed the permitted effluent limitations established in Part I.A for the 2007 permit as specified in Attachment C and for the 2011 permit in Attachment D.
11. Pursuant to Part I.B of the 2007 permit, Respondent was required to meet final effluent limitations for aluminum no later than three years from the permit's effective date. Part I.B of the 2007 permit was violated in that the Respondent failed to meet final effluent limitations for aluminum by July 1, 2010.

12. Each instance in which the 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. Each violation of the conditions of the permit or regulations described above is a violation of Section 301 of the Act, 33 U.S.C. § 1311.

13. The most recent inspection of the facility, conducted by the New Mexico Environment Department ("NMED") on May 28, 2011, rated the following areas as unsatisfactory: Recordkeeping and Reporting, Operations and Maintenance, and Flow Measurement.

14. Part I.C of the permit was violated in that Respondent did not submit quarterly progress reports to EPA and NMED showing failure to meet final effluent limitation requirements for Aluminum.

15. Part III.B.3 of the permit (*Proper Operation and Maintenance*) was violated in that the aeration pumps, located within the lagoons, were not providing proper aeration to the lagoons, which can cause septic and/or anoxic conditions to exist in the lagoons and potentially impede the treatment process.

16. Part III.B.3 of the permit (*Proper Operation and Maintenance*) was violated in that the recirculation pump, used to return influent to the eastern pond for further treatment, was out of order.

17. Part III.C.4.a of the permit (*Record Contents*) was violated in that the facility did not record the exact place and time of sampling and measurement.

18. Part III.C.4.e of the permit was violated in that the facility did not record the analytical techniques or methods used to analyze pH and Chlorine.

19. Part III.C.6 (*Flow Measurements*) of the permit was violated in that the facility had no calibration records on file and no calibration tests were performed to ensure a maximum deviation rate of 10% from true discharge rates.

20. Pursuant to Part I.B.2 of the 2011 permit, Respondent shall submit quarterly progress reports regarding the facility achieving compliance with Total Phosphorus and Nitrogen limitations. A recent file review determined that Respondent has not yet submitted progress reports for Total Phosphorous and Nitrogen, as required by Part I.B.2 of the permit.

21. Pursuant to Part I.C of the 2011 permit, Respondent shall submit to EPA and NMED a summary of the Nutrient Management Identification Plan that addresses existing commercial users and potential phosphorus loadings. A

recent file review determined that Respondent has not yet submitted the summary, as required by Part I.C of the permit.

SECTION 309(a)(3) COMPLIANCE ORDER

Based on these findings and pursuant to the authority of Section 309(a)(3) of the Act, 33 U.S.C. § 1319(a)(3), EPA orders that Respondent take the following action upon receipt of this Order:

A. Within thirty (30) days of the effective date of this Order, return equipment to proper working order to ensure the treatment system is operated as efficiently as possible and in a manner which will eliminate non-compliance with permit effluent limitations and the discharge of pollutants.

B. As required by Part I.B.2 of the permit, submit to EPA and NMED quarterly progress reports (January 1, April 1, July 1, and October 1) which record the progress made on meeting effluent limitations for total phosphorus and nitrogen permit conditions as well as a compliance plan which contains the following elements:

- a. A determination of exceedance cause(s);
- b. identification and development of control options (if needed);
- c. an evaluation and selection of control mechanisms;
- d. a list of corrective actions to be implemented; and
- e. achievement of final effluent limitations no later than five (5) years from the effective date of the permit.

C. As required by Part I.C of the permit, submit to EPA and NMED a Summary of the Nutrient Management Identification Plan.

SECTION 308 INFORMATION DEMAND

Based on the foregoing Findings and pursuant to the authority of Section 308 of the Act, 33 U.S.C. § 1318 Respondent is required to do the following:

A. Within thirty (30) days of the effective date of this Order, Respondent shall certify compliance with permit effluent limitations for E. coli (Daily Maximum and 30-Day Averages); pH (minimum and maximum); TSS (7-Day Average, 30-Day Average and % Removal); BOD (7-Day Average, 30-Day Average and % Removal); and TRC (Maximum).

B. Within thirty (30) days of the effective date of this Order, Respondent shall provide EPA with a list of all mechanical and operational deficiencies at the facility including those noted in this Order and a narrative describing the specific actions taken to correct violations for E. coli (Daily Maximum and 30-Day Averages); pH (minimum and maximum); Total Suspended Solids (7-Day Average, 30-Day Average and % Removal); Biochemical Oxygen Demand (7-Day Average, 30-Day Average and % Removal); and Total Residual Chlorine (Maximum).

C. In the event it will take the Respondent longer than thirty (30) days to provide an explanation as to why effluent exceedances cannot be corrected, a schedule for repair/correction shall be submitted to the EPA for review and approval. The schedule shall be submitted to EPA within thirty (30) days of the effective date of this Order.

D. Any approved compliance schedule will be incorporated herein and re-issued in a future administrative order.

E. If Respondent would like to arrange a meeting with EPA to discuss the allegations in this Section 309(a)(3) Compliance Order or the Section 308 Information Demand, it should contact EPA within forty-five (45) days of the effective date of this Order. The meeting will be held at the Region 6 offices, 1445 Ross Ave., Dallas, Texas, and Respondent can provide any information it believes is relevant to this Order. Respondent shall submit to EPA all information or materials it considers relevant at least ten (10) days prior to the meeting.

F. To arrange a meeting, or to ask questions or comment on this matter, please contact Mr. Josh Waldmeier, of my staff, at (214) 665-8064.

G. Any information or correspondence submitted by Respondent to EPA under this Order shall be addressed to the following:

Ms. Hannah Branning
Water Enforcement Branch (6EN-WC)
EPA, Region 6
1445 Ross Ave., Suite 1200
Dallas, TX 75202-2733

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. Section 706, which is set forth at <http://uscode.house.gov/download/pls/05C7.txt>, states the scope of such review.

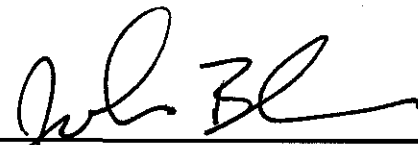
Issuance of this Section 309(a)(3) Compliance Order and the Section 308 Information Demand shall not be deemed an election by EPA to forego any administrative or judicial, civil or criminal action to seek penalties, fines, or any other relief appropriate under the Act for the violations cited herein, or other violations that become known. 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, Section 308 Information Demand, or the Act can 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 the Respondent's NPDES permit, which remain in full force and effect. Compliance with the terms and conditions of this Order does not relieve the 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.

3.25.13
Date


John Blevins
Director
Compliance Assurance and
Enforcement Division

Attachment A
Permit Effluent Limitations for Permit Effective July 1, 2007 NM0027731

Interim Effluent Limits- 0.30 MGD Design Flow

During the period beginning the effective date of the permit and lasting through one-day prior to three years from the effective date of the permit (unless otherwise noted), the permittee is authorized to discharge treated municipal wastewater to the Rio Chamita, in Segment Number 20.6.4.119, from Outfall 001 (See Part II). Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS						MONITORING REQUIREMENTS	
		lbs/day, unless noted			mg/l, unless noted				
POLLUTANT	STORET CODE	30-DAY AVG	DAILY MAX	7-DAY AVG	30-DAY AVG	DAILY MAX	7-DAY AVG	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	50050	Report MGD	Report MGD	Report MGD	***	***	***	Daily	Continuous
Biochemical Oxygen Demand, 5-day	00310	75	N/A	113	30	N/A	45	Twice/Month (*1)	Grab
Total Suspended Solids	00530	225	N/A	338	90	N/A	135	Twice/Month (*1)	Grab
Fecal Coliform Bacteria	74055	1.136 x 10 ³ cfu (*2)	2.272 x 10 ³ cfu (*2)	N/A	100 (*3)	200 (*3)	N/A	Once/Month	Grab
Ammonia (Mar ~ June)	00610	27.0	40.5	N/A	10.8	16.2	N/A	Twice/Month (*1)	Grab
Ammonia (July ~ Feb)	00610	12.7	19.05	N/A	5.1	7.65	N/A	Twice/Month (*1)	Grab
E. Coli Bacteria (*4)	51040	N/A	N/A	N/A	Report	Report	N/A	Twice/Month (*1)	Grab
E. Coli Bacteria (*5)	51040	N/A	N/A	N/A	126 (*3, 6)	235 (*3, 6)	N/A	Twice/Month (*1)	Grab
Total Residual Chlorine	50060	N/A	N/A	N/A	N/A	11 ug/l	N/A	Daily	Instantaneous Grab (*6)
Aluminum, Total	01105	N/A	Report	N/A	N/A	Report	N/A	Twice/Month (*1)	Grab
Phosphorus, Total (as P) Influent (*7)	00665	Report	Report	N/A	Report	Report	N/A	Twice/Month (*1)	Grab
Phosphorus, Total (as P) Effluent (*8)	00665	Report	Report	N/A	Report	Report	N/A	Twice/Month (*1)	Grab

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
		Standard Units			
POLLUTANT	STORET CODE	MINIMUM	MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	00400	6.6	8.8	Twice/Month (*1)	Grab

EFFLUENT CHARACTERISTICS		DISCHARGE MONITORING		MONITORING REQUIREMENTS	
WHOLE EFFLUENT TOXICITY (PCS 22414) (7-Day NOEC) (*7)		30-DAY AVG	7-DAY MINIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
Ceriodaphnia dubia		Report	Report	Once/six-months (*7)	24-Hr Composite
Pimephales promelas		Report	Report	Once/six-months (*7)	24-Hr Composite

Footnotes:

- *1 The first sample event of any reporting period shall be at least 7-days from the first sample event of the previous reporting period.
- *2 Colony forming units (cfu).
- *3 Colony forming units (cfu) per 100 ml.
- *4 Requirements for E. coli bacteria are effective during the period beginning the effective date of the permit and lasting through one (1) day prior to one (1) month from the effective date of the permit.
- *5 Requirements for E. coli bacteria are effective during the period beginning one (1) month from the effective date of the permit and lasting through the expiration date of the permit.
- *6 Regulations at 40 CFR Part 136 define "instantaneous grab" as analyzed within 15 minutes of collection. The effluent limitation for TRC is the instantaneous maximum and cannot be averaged for reporting purposes.
- *7 Influent, sampled at the headwork's of the plant. See Part II. C.
- *6 Effluent, sampled at Outfall 001. See Part II. C.
- *8 Monitoring and reporting requirements begin on the effective date of this permit. Compliance with the Whole Effluent Toxicity limitations is required on Permit Effective Date. See PART II, 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. Compliance with the Whole Effluent Toxicity limitations is required on Permit Effective Date. See PART II, Whole Effluent Toxicity Testing Requirements for additional WET monitoring and reporting conditions.

Attachment A
Permit Effluent Limitations for Permit Effective July 1, 2007 NM0027731

Final Effluent Limits- 0.30 MGD Design Flow

During the period beginning three-years after the permit effective date and lasting through the expiration date of the permit (unless otherwise noted), the permittee is authorized to discharge treated municipal wastewater to the Rio Chamita, in Segment Number 20.6.4.119, from Outfall 001 (See Part II). Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS						MONITORING REQUIREMENTS	
		lbs/day, unless noted			mg/l, unless noted				
POLLUTANT	STORET CODE	30-DAY AVG	DAILY MAX	7-DAY AVG	30-DAY AVG	DAILY MAX	7-DAY AVG	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	50050	Report MGD	Report MGD	Report MGD	***	***	***	Daily	Continuous
Biochemical Oxygen Demand, 5-day	00310	75	N/A	113	30	N/A	45	Twice/Month (*1)	Grab
Total Suspended Solids	00530	225	N/A	338	90	N/A	135	Twice/Month (*1)	Grab
Fecal Coliform Bacteria	74055	1.136 x 10 ⁹ cfu (*2)	2.272 x 10 ⁹ cfu (*2)	N/A	100 (*3)	200 (*3)	N/A	Once/Month	Grab
Ammonia (Mar – June)	00610	27.0	40.5	N/A	10.8	16.2	N/A	Twice/Month (*1)	Grab
Ammonia (July – Feb)	00610	12.7	19.05	N/A	5.1	7.65	N/A	Twice/Month (*1)	Grab
E. Coli Bacteria	51040	N/A	N/A	N/A	126 (*3)	235 (*3)	N/A	Twice/Month (*1)	Grab
Total Residual Chlorine	50060	N/A	N/A	N/A	N/A	11 ug/l	N/A	Daily	Instantaneous Grab (*4)
Aluminum, Total	01105	0.22	0.15	N/A	58 ug/l	87 ug/l	N/A	Twice/Month (*1)	Grab
Phosphorus, Total (as P) Influent (*5)	00665	Report	Report	N/A	Report	Report	N/A	Twice/Month (*1)	Grab
Phosphorus, Total (as P) Effluent (*6)	00665	Report	Report	N/A	Report	Report	N/A	Twice/Month (*1)	Grab

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
		Standard Units			
POLLUTANT	STORET CODE	MINIMUM	MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	00400	6.6	8.8	Twice/Month	Grab

EFFLUENT CHARACTERISTICS		DISCHARGE MONITORING		MONITORING REQUIREMENTS	
WHOLE EFFLUENT TOXICITY (PCS 22414) (7-Day NOEC) (*7)		30-DAY AVG	7-DAY MINIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
Ceriodaphnia dubia		Report	Report	Once/six-months (*7)	24-Hr Composite
Pimephales promelas		Report	Report	Once/six-months (*7)	24-Hr Composite

Footnotes:

- *1 The first sample event of any reporting period shall be at least 7-days from the first sample event of the previous reporting period.
- *2 Colony forming units (cfu).
- *3 Colony forming units (cfu) per 100 ml.
- *4 Regulations at 40 CFR Part 136 define "instantaneous grab" as analyzed within 15 minutes of collection. The effluent limitation for TRC is the instantaneous maximum and cannot be averaged for reporting purposes.
- *5 Influent, sampled at the headwork's of the plant. See Part II. C.
- *6 Effluent, sampled at Outfall 001. See Part II. C.
- *7 Monitoring and reporting requirements begin on the effective date of this permit. Compliance with the Whole Effluent Toxicity limitations is required on Permit Effective Date. See PART II, Whole Effluent Toxicity Testing Requirements for additional WET monitoring and reporting conditions.

Attachment B
Permit Limitations for Permit Effective November 1, 2011 NM0027731

Final Effluent Limits- 0.30 MGD Design Flow

During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted), the permittee is authorized to discharge treated municipal wastewater to Rio Chamita, thence to the Rio Chama in Water Quality Segment 20.6.4.119 NMAC from Outfall 001. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS						MONITORING REQUIREMENTS	
		lbs/day, unless noted			mg/l, unless noted (*1)				
POLLUTANT	STORET CODE	30-DAY AVG	DAILY MAX	7-DAY AVG	30-DAY AVG	DAILY MAX	7-DAY AVG	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	50050	Report MGD	Report MGD	Report MGD	***	***	***	Daily	Continuous
Biochemical Oxygen Demand, 5-day	00310	75	N/A	113	30	N/A	45	Twice/Month	Grab
Total Suspended Solids	00530	225	N/A	338	90	N/A	135	Twice/Month	Grab
Ammonia (Mar – June)	00610	27.0	40.5	N/A	10.8	16.2	N/A	Twice/Month	Grab
Ammonia (July – Feb)	00610	12.7	19.05	N/A	5.1	7.65	N/A	Twice/Month	Grab
E. Coli Bacteria	51040	N/A	1.43 (*3)	N/A	126 (*2)	235 (*2)	N/A	Twice/Month	Grab
Total Residual Chlorine	50060	N/A	N/A	N/A	N/A	11 ug/l	N/A	5 days/Week	Instantaneous Grab (*4)
Aluminum, Total	01105	0.22	0.15	N/A	58 ug/l	87 ug/l	N/A	Twice/Month	Grab
Total Phosphorus (*5)	00665	Report	Report	N/A	Report	Report	N/A	Twice/Month	3-Hr Composite
Year Round									
Total Phosphorus (*6, 7)	00665	2.5	Report	N/A	1.0	1.5	N/A	Twice/Month	3-Hr Composite
October 1 - April 30									
Total Phosphorus (*6, 8)	00665	1.0	Report	N/A	0.4	0.6	N/A	Twice/Month	3-Hr Composite
May 1 – September 30									
Total Nitrogen (*5)	00625	Report	Report	N/A	Report	Report	N/A	Twice/Month	3-Hr Composite
Year Round									
Total Nitrogen (*6, 7)	00625	25.0	Report	N/A	10	15	N/A	Twice/Month	3-Hr Composite
October 1 - April 30									
Total Nitrogen (*6, 8)	00625	10.0	Report	N/A	4.0	6.0	N/A	Twice/Month	3-Hr Composite
May 1 – September 30									

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
		Standard Units			
POLLUTANT	STORET CODE	MINIMUM	MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	00400	6.6	8.8	5 days /Week	Grab

EFFLUENT CHARACTERISTICS		DISCHARGE MONITORING		MONITORING REQUIREMENTS	
WHOLE EFFLUENT TOXICITY (PCS 22414) (7-Day NOEC) (*9) INTERIM LIMIT		30-DAY AVG 10% (*9)	7-DAY MINIMUM 10% (*9)	MEASUREMENT FREQUENCY	SAMPLE TYPE
Ceriodaphnia dubia (*9)		Report	Report	Once/quarter	24-Hr Composite
Pimephales promelas (*9)		Report	Report	Once/quarter	24-Hr Composite

EFFLUENT CHARACTERISTICS		DISCHARGE MONITORING		MONITORING REQUIREMENTS	
WHOLE EFFLUENT TOXICITY (PCS 22414) (7-Day NOEC) (*10) FINAL LIMIT		30-DAY AVG 21% (*10)	7-DAY MINIMUM 21% (*10)	MEASUREMENT FREQUENCY	SAMPLE TYPE
Ceriodaphnia dubia (*10)		Report	Report	Once/quarter	24-Hr Composite
Pimephales promelas (*10)		Report	Report	Once/quarter	24-Hr Composite

Footnotes:

- *1 See Appendix A of Part II of the permit for minimum quantification limits.
- *2 Colony forming units (cfu) per 100 ml.
- *3 Billion (1.0×10^9) cfu/day. Loading limit calculated as follows: $\{[\text{Flow in MGD} \times \text{cfu}/100 \text{ ml effluent} = 3.79 \times 10^7] / 1.0 \times 10^6\}$
- *4 Regulations at 40 CFR Part 136 define "instantaneous grab" as analyzed within 15 minutes of collection. The effluent limitation for TRC is the instantaneous maximum and cannot be averaged for reporting purposes.
- *5 From the permit effective date lasting until one (1) day before the expiration date of the permit.
- *6 Effective from the day before the permit expiration date and lasting until the permit expiration date.
- *7 From October 1 through April 30 of each year.
- *8 From May 1 through September 30 of each year.
- *9 Monitoring and reporting requirements begin on the effective date of this permit and lasts until one (1) day prior to the expiration date of the permit. See PART II, Whole Effluent Toxicity testing requirements for additional WET monitoring and reporting conditions.
- *10 Monitoring and reporting requirements begin one (1) day prior to the expiration date of the permit. See PART II, Whole Effluent Toxicity testing requirements for additional WET monitoring and reporting conditions.

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
July 2007	001-A	Biochemical Oxygen Demand, 30 Day Average	101.84 lbs./day	75 lbs./day
July 2007	001-A	Ammonia (as N), 30 Day Average	17.86 lbs./day	12.7 lbs./day
July 2007	001-A	Ammonia (as N), 30 Day Average	10.3 mg/L	5.1 mg/L
July 2007	001-A	Ammonia (as N), 7 Day Average	10.4 mg/L	7.65 mg/L
July 2007	001-A	Fecal Coliform, 30 Day Average	33,884.4 CFU	100 CFU
July 2007	001-A	Fecal Coliform, Daily Maximum	52,000 CFU	200 CFU
August 2007	001-A	Biochemical Oxygen Demand, 30 Day Average	91.24 lbs./day	75 lbs./day
August 2007	001-A	Biochemical Oxygen Demand, 30 Day Average	52.1 mg/L	30 mg/L
August 2007	001-A	Biochemical Oxygen Demand, 7 Day Average	52.4 mg/L	45 mg/L
August 2007	001-A	Ammonia (as N), 30 Day Average	23 lbs./day	12.7 lbs./day
August 2007	001-A	Ammonia (as N), Daily Maximum	23.8 lbs./day	19.05 lbs./day
August 2007	001-A	Ammonia (as N), 30 Day Average	13.15 mg/L	5.1 mg/L
August 2007	001-A	Ammonia (as N), Daily Maximum	13.6 mg/L	7.65 mg/L
September 2007	001-A	Ammonia (as N), 30 Day Average	16.21 lbs./day	12.7 lbs./day
September 2007	001-A	Ammonia (as N), 30 Day Average	16.2 mg/L	5.1 mg/L
September 2007	001-A	Ammonia (as N), Daily Maximum	17.4 mg/L	7.65 mg/L
October 2007	001-A	Ammonia (as N), 30 Day Average	21.07 lbs./day	12.7 lbs./day

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
October 2007	001-A	Ammonia (as N), Daily Maximum	22.06 lbs./day	19.05 lbs./day
October 2007	001-A	Ammonia (as N), 30 Day Average	18.05 mg/L	5.1 mg/L
October 2007	001-A	Ammonia (as N), Daily Maximum	18.9 mg/L	7.65 mg/L
November 2007	001-A	Ammonia (as N), 30 Day Average	18.2 lbs./day	12.7 lbs./day
November 2007	001-A	Ammonia (as N), 30 Day Average	18.2 mg/L	5.1 mg/L
November 2007	001-A	Ammonia (as N), Daily Maximum	18.4 mg/L	7.65 mg/L
December 2007	001-A	Ammonia (as N), 30 Day Average	23.72 lbs./day	12.7 lbs./day
December 2007	001-A	Ammonia (as N), Daily Maximum	26.57 lbs./day	19.05 lbs./day
December 2007	001-A	Ammonia (as N), 30 Day Average	15.8 mg/L	5.1 mg/L
December 2007	001-A	Ammonia (as N), Daily Maximum	17.7 mg/L	7.65 mg/L
January 2008	001-A	Ammonia (as N), 30 Day Average	18.2 lbs./day	12.7 lbs./day
January 2008	001-A	Ammonia (as N), 30 Day Average	14.55 mg/L	5.1 mg/L
January 2008	001-A	Ammonia (as N), Daily Maximum	14.8 mg/L	7.65 mg/L
February 2008	001-A	Ammonia (as N), 30 Day Average	20.6 lbs./day	12.7 lbs./day
February 2008	001-A	Ammonia (as N), Daily Maximum	22.7 lbs./day	19.05 lbs./day
February 2008	001-A	Ammonia (as N), 30 Day Average	14.5 mg/L	5.1 mg/L
February 2008	001-A	Ammonia (as N), Daily Maximum	16 mg/L	7.65 mg/L

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
March 2008	001-A	Biochemical Oxygen Demand, 30 Day Average	8,827.5 lbs./day	75 lbs./day
March 2008	001-A	Biochemical Oxygen Demand, 7 Day Average	980.8 lbs./day	113 lbs./day
March 2008	001-A	Total Suspended Solids, 30 Day Average	950.1 lbs./day	225 lbs./day
March 2008	001-A	Total Suspended Solids, 7 Day Average	1,042.1 lbs./day	338 lbs./day
March 2008	001-A	Ammonia (as N), 30 Day Average	796.9 lbs./day	27 lbs./day
March 2008	001-A	Ammonia (as N), Daily Maximum	858.2 lbs./day	40.5 lbs./day
March 2008	001-A	Ammonia (as N), 30 Day Average	13 mg/L	10.8 mg/L
April 2008	001-A	E. coli, 30 Day Average	385.5 CFU	126 CFU
April 2008	001-A	E. coli, Daily Maximum	770 CFU	235 CFU
May 2008	001-A	E. coli, 30 Day Average	777.05 CFU	126 CFU
May 2008	001-A	E. coli, Daily Maximum	1,553.1 CFU	235 CFU
May 2008	001-A	Fecal Coliform, Daily Maximum	1,500 CFU	200 CFU
June 2008	001-A	E. coli, 30 Day Average	362.4 CFU	126 CFU
June 2008	001-A	E. coli, Daily Maximum	698.5 CFU	235 CFU
June 2008	001-A	Fecal Coliform, 30 Day Average	160 CFU	100 CFU
July 2008	001-A	E. coli, 30 Day Average	179.04 CFU	126 CFU
August 2008	001-A	Ammonia (as N), 30 Day Average	15.4 lbs./day	12.7 lbs./day

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
August 2008	001-A	Ammonia (as N), 30 Day Average	11 mg/L	5.1 mg/L
September 2008	001-A	Ammonia (as N), 30 Day Average	17.2 lbs./day	12.7 lbs./day
September 2008	001-A	Ammonia (as N), 30 Day Average	10 mg/L	5.1 mg/L
September 2008	001-A	Ammonia (as N), Daily Maximum	10 mg/L	7.65 mg/L
October 2008	001-A	Ammonia (as N), 30 Day Average	13.3 lbs./day	12.7 lbs./day
October 2008	001-A	Ammonia (as N), 30 Day Average	11.44 mg/L	5.1 mg/L
October 2008	001-A	Ammonia (as N), Daily Maximum	15 mg/L	7.65 mg/L
November 2008	001-A	Ammonia (as N), 30 Day Average	11.4 mg/L	5.1 mg/L
November 2008	001-A	Ammonia (as N), Daily Maximum	10.7 mg/L	7.65 mg/L
December 2008	001-A	Ammonia (as N), 30 Day Average	10.85 mg/L	5.1 mg/L
December 2008	001-A	Ammonia (as N), Daily Maximum	10 mg/L	7.65 mg/L
January 2009	001-A	Ammonia (as N), 30 Day Average	25.9 lbs./day	12.7 lbs./day
January 2009	001-A	Ammonia (as N), Daily Maximum	27.9 lbs./day	19.05 lbs./day
January 2009	001-A	Ammonia (as N), 30 Day Average	16.35 mg/L	5.1 mg/L
January 2009	001-A	Ammonia (as N), Daily Maximum	17.6 mg/L	7.65 mg/L
January 2009	001-A	E. coli, 30 Day Average	400 CFU	126 CFU
January 2009	001-A	E. coli, Daily Maximum	1,050 CFU	235 CFU

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
January 2009	001-A	Fecal Coliform, 30 Day Average	162 CFU	100 CFU
February 2009	001-A	Ammonia (as N), 30 Day Average	19.1 lbs./day	12.7 lbs./day
February 2009	001-A	Ammonia (as N), Daily Maximum	19.5 lbs./day	19.05 lbs./day
February 2009	001-A	Ammonia (as N), 30 Day Average	12.7 mg/L	5.1 mg/L
February 2009	001-A	Ammonia (as N), Daily Maximum	13 mg/L	7.65 mg/L
March 2009	001-A	Ammonia (as N), 30 Day Average	43.4 lbs./day	27 lbs./day
March 2009	001-A	Ammonia (as N), Daily Maximum	43.8 lbs./day	40.5 lbs./day
March 2009	001-A	Ammonia (as N), 30 Day Average	32.5 mg/L	10.8 mg/L
March 2009	001-A	Ammonia (as N), Daily Maximum	32.8 mg/L	16.2 mg/L
April 2009	001-A	Fecal Coliform, 30 Day Average	263 CFU	100 CFU
April 2009	001-A	Fecal Coliform, Daily Maximum	263 CFU	200 CFU
June 2009	001-A	Biochemical Oxygen Demand, 7 Day Average	115.7 lbs./day	113 lbs./day
June 2009	001-A	Biochemical Oxygen Demand, 7 Day Average	74.6 mg/L	45 mg/L
June 2009	001-A	Ammonia (as N), 30 Day Average	11.15 mg/L	10.8 mg/L
July 2009	001-A	Biochemical Oxygen Demand, 30 Day Average	37.6 mg/L	30 mg/L
July 2009	001-A	Biochemical Oxygen Demand, 7 Day Average	51.8 mg/L	45 mg/L
July 2009	001-A	Ammonia (as N), 30 Day Average	15 mg/L	12.7 mg/L

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
July 2009	001-A	Ammonia (as N), 30 Day Average	8.59 mg/L	5.1 mg/L
July 2009	001-A	Ammonia (as N), Daily Maximum	8.71 mg/L	7.65 mg/L
October 2009	001-A	Biochemical Oxygen Demand, 30 Day Average	36.7 mg/L	30 mg/L
October 2009	001-A	Ammonia (as N), 30 Day Average	10.18 mg/L	5.1 mg/L
October 2009	001-A	Ammonia (as N), Daily Maximum	11.1 mg/L	7.65 mg/L
November 2009	001-A	Biochemical Oxygen Demand, 7 Day Average	51.8 mg/L	45 mg/L
November 2009	001-A	Ammonia (as N), 30 Day Average	10.24 mg/L	5.1 mg/L
November 2009	001-A	Ammonia (as N), Daily Maximum	8.71 mg/L	7.65 mg/L
December 2009	001-A	Biochemical Oxygen Demand, 30 Day Average	38.8 mg/L	30 mg/L
December 2009	001-A	Biochemical Oxygen Demand, 7 Day Average	56.2 mg/L	45 mg/L
December 2009	001-A	Ammonia (as N), 30 Day Average	15.05 mg/L	5.1 mg/L
December 2009	001-A	Ammonia (as N), Daily Maximum	12.1 mg/L	7.65 mg/L
January 2010	001-A	Ammonia (as N), 30 Day Average	23.7 lbs./day	12.7 lbs./day
January 2010	001-A	Ammonia (as N), Daily Maximum	23.9 lbs./day	19.05 lbs./day
January 2010	001-A	Ammonia (as N), 30 Day Average	15.3 mg/L	5.1 mg/L
January 2010	001-A	Ammonia (as N), Daily Maximum	15.5 mg/L	7.65 mg/L
February 2010	001-A	Biochemical Oxygen Demand, 30 Day Average	30.7 mg/L	30 mg/L

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
February 2010	001-A	Ammonia (as N), 30 Day Average	13.4 lbs./day	12.7 lbs./day
February 2010	001-A	Ammonia (as N), 30 Day Average	13.3 mg/L	5.1 mg/L
February 2010	001-A	Ammonia (as N), Daily Maximum	14 mg/L	7.65 mg/L
February 2010	001-A	E. coli, 30 Day Average	450 CFU	126 CFU
March 2010	001-A	Biochemical Oxygen Demand, 30 Day Average	44.25 mg/L	30 mg/L
March 2010	001-A	Biochemical Oxygen Demand, 7 Day Average	47.7 mg/L	45 mg/L
March 2010	001-A	Ammonia (as N), 30 Day Average	13 mg/L	10.8 mg/L
March 2010	001-A	Ammonia (as N), Daily Maximum	18.8 mg/L	16.2 mg/L
April 2010	001-A	Biochemical Oxygen Demand, 7 Day Average	47.7 mg/L	45 mg/L
April 2010	001-A	Ammonia (as N), 30 Day Average	12.6 mg/L	10.8 mg/L
April 2010	001-A	Ammonia (as N), Daily Maximum	19.9 mg/L	16.2 mg/L
June 2010	001-A	E. coli, 30 Day Average	1,323.5 CFU	126 CFU
June 2010	001-A	E. coli, Daily Maximum	1,733 CFU	235 CFU
July 2010	001-A	Ammonia (as N), 30 Day Average	14.2 lbs./day	12.7 lbs./day
July 2010	001-A	Ammonia (as N), 30 Day Average	10 mg/L	5.1 mg/L
July 2010	001-A	Ammonia (as N), Daily Maximum	11 mg/L	7.65 mg/L
July 2010	001-A	Total Aluminum, 30 Day Average	73 µg/L	58 µg/L

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
July 2010	001-A	Total Aluminum, Daily Maximum	95 µg/L	87 µg/L
August 2010	001-A	Biochemical Oxygen Demand, 30 Day Average	33 mg/L	30 mg/L
August 2010	001-A	Ammonia (as N), 30 Day Average	9.75 mg/L	5.1 mg/L
August 2010	001-A	Ammonia (as N), Daily Maximum	11 mg/L	7.65 mg/L
September 2010	001-A	Ammonia (as N), 30 Day Average	16.1 mg/L	5.1 mg/L
September 2010	001-A	Ammonia (as N), Daily Maximum	17 mg/L	7.65 mg/L
October 2010	001-A	Ammonia (as N), 30 Day Average	8.35 mg/L	5.1 mg/L
October 2010	001-A	Ammonia (as N), Daily Maximum	10.5 mg/L	7.65 mg/L
October 2010	001-A	Fecal Coliform, 30 Day Average	200 CFU	100 CFU
November 2010	001-A	Ammonia (as N), 30 Day Average	8.3 mg/L	5.1 mg/L
November 2010	001-A	Ammonia (as N), Daily Maximum	9.1 mg/L	7.65 mg/L
November 2010	001-A	Total Aluminum, Daily Maximum	0.213 lbs./day	0.15 lbs./day
November 2010	001-A	Total Aluminum, 30 Day Average	245 µg/L	58 µg/L
November 2010	001-A	Total Aluminum, Daily Maximum	330 µg/L	87 µg/L
December 2010	001-A	Biochemical Oxygen Demand, 30 Day Average	33.85 mg/L	30 mg/L
December 2010	001-A	Biochemical Oxygen Demand, 7 Day Average	48 mg/L	45 mg/L
December 2010	001-A	Ammonia (as N), 30 Day Average	15.5 mg/L	5.1 mg/L

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
December 2010	001-A	Ammonia (as N), Daily Maximum	17.5 mg/L	7.65 mg/L
December 2010	001-A	Fecal Coliform, 30 Day Average	200 CFU	100 CFU
January 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	30.6 mg/L	30 mg/L
January 2011	001-A	Ammonia (as N), 30 Day Average	14.7 lbs./day	12.7 lbs./day
January 2011	001-A	Ammonia (as N), 30 Day Average	18 mg/L	5.1 mg/L
January 2011	001-A	Ammonia (as N), Daily Maximum	22.5 mg/L	7.65 mg/L
January 2011	001-A	Total Aluminum, 30 Day Average	165 µg/L	58 µg/L
January 2011	001-A	Total Aluminum, Daily Maximum	190 µg/L	87 µg/L
February 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	35.95 mg/L	30 mg/L
February 2011	001-A	Biochemical Oxygen Demand, 7 Day Average	71.9 mg/L	45 mg/L
February 2011	001-A	Ammonia (as N), 30 Day Average	14.2 lbs./day	12.7 lbs./day
February 2011	001-A	Ammonia (as N), 30 Day Average	18.5 mg/L	5.1 mg/L
February 2011	001-A	Ammonia (as N), Daily Maximum	22 mg/L	7.65 mg/L
March 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	115.9 lbs./day	75 lbs./day
March 2011	001-A	Biochemical Oxygen Demand, 7 Day Average	150.1 lbs./day	113 lbs./day
March 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	115.8 mg/L	30 mg/L
March 2011	001-A	Biochemical Oxygen Demand, 7 Day Average	150 mg/L	45 mg/L

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
March 2011	001-A	Ammonia (as N), 30 Day Average	14 mg/L	10.8 mg/L
March 2011	001-A	Ammonia (as N), Daily Maximum	16.5 mg/L	16.2 mg/L
March 2011	001-A	Total Aluminum, 30 Day Average	120.1 lbs./day	0.22 lbs./day
March 2011	001-A	Total Aluminum, 30 Day Average	120 µg/L	58 µg/L
March 2011	001-A	Total Aluminum, Daily Maximum	240 µg/L	87 µg/L
April 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	78.2 lbs./day	75 lbs./day
April 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	78.8 mg/L	30 mg/L
April 2011	001-A	Biochemical Oxygen Demand, 7 Day Average	106 mg/L	45 mg/L
April 2011	001-A	Ammonia (as N), 30 Day Average	12.25 mg/L	10.8 mg/L
May 2011	001-A	Total Aluminum, 30 Day Average	30.63 lbs./day	0.22 lbs./day
May 2011	001-A	Total Aluminum, Daily Maximum	64.1 lbs./day	0.15 lbs./day
May 2011	001-A	Total Aluminum, 30 Day Average	325 µg/L	58 µg/L
May 2011	001-A	Total Aluminum, Daily Maximum	650 µg/L	87 µg/L
June 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	121.6 lbs./day	75 lbs./day
June 2011	001-A	Biochemical Oxygen Demand, 7 Day Average	127.1 lbs./day	113 lbs./day
June 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	121.5 mg/L	30 mg/L
June 2011	001-A	Biochemical Oxygen Demand, 7 Day Average	127 mg/L	45 mg/L

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
June 2011	001-A	Total Aluminum, 30 Day Average	34 lbs./day	0.22 lbs./day
June 2011	001-A	Total Aluminum, Daily Maximum	68 lbs./day	0.15 lbs./day
June 2011	001-A	Total Aluminum, 30 Day Average	340 µg/L	58 µg/L
June 2011	001-A	Total Aluminum, Daily Maximum	680 µg/L	87 µg/L
July 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	85.9 lbs./day	75 lbs./day
July 2011	001-A	Biochemical Oxygen Demand, 7 Day Average	137.9 lbs./day	113 lbs./day
July 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	66 mg/L	30 mg/L
July 2011	001-A	Biochemical Oxygen Demand, 7 Day Average	106 mg/L	45 mg/L
July 2011	001-A	Ammonia (as N), 30 Day Average	24.7 lbs./day	12.7 lbs./day
July 2011	001-A	Ammonia (as N), Daily Maximum	32.1 lbs./day	19.05 lbs./day
July 2011	001-A	Ammonia (as N), 30 Day Average	19 mg/L	5.1 mg/L
July 2011	001-A	Ammonia (as N), Daily Maximum	24.7 mg/L	7.65 mg/L
July 2011	001-A	Total Aluminum, Daily Maximum	0.26 lbs./day	0.15 lbs./day
July 2011	001-A	Total Aluminum, 30 Day Average	150 µg/L	58 µg/L
July 2011	001-A	Total Aluminum, Daily Maximum	200 µg/L	87 µg/L
August 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	41.85 mg/L	30 mg/L
August 2011	001-A	Ammonia (as N), 30 Day Average	19.1 lbs./day	12.7 lbs./day

Attachment C (Cont'd.)
Effluent Violations for Permit Effective July 1, 2007 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
August 2011	001-A	Ammonia (as N), Daily Maximum	22.4 lbs./day	19.05 lbs./day
August 2011	001-A	Ammonia (as N), 30 Day Average	17.1 mg/L	5.1 mg/L
August 2011	001-A	Ammonia (as N), Daily Maximum	20 mg/L	7.65 mg/L
August 2011	001-A	Total Aluminum, 30 Day Average	67.1 lbs./day	0.22 lbs./day
August 2011	001-A	Total Aluminum, Daily Maximum	134 lbs./day	0.15 lbs./day
August 2011	001-A	Total Aluminum, 30 Day Average	60 µg/L	58 µg/L
August 2011	001-A	Total Aluminum, Daily Maximum	120 µg/L	87 µg/L
September 2011	001-A	Biochemical Oxygen Demand, 30 Day Average	32.5 mg/L	30 mg/L
September 2011	001-A	Ammonia (as N), 30 Day Average	18.1 lbs./day	12.7 lbs./day
September 2011	001-A	Ammonia (as N), Daily Maximum	23.1 lbs./day	19.05 lbs./day
September 2011	001-A	Ammonia (as N), 30 Day Average	21.25 mg/L	5.1 mg/L
September 2011	001-A	Ammonia (as N), Daily Maximum	27.2 mg/L	7.65 mg/L
September 2011	001-A	Total Aluminum, 30 Day Average	65 µg/L	58 µg/L
September 2011	001-A	Total Aluminum, Daily Maximum	130 µg/L	87 µg/L
October 2011	001-A	Ammonia (as N), 30 Day Average	13.6 lbs./day	12.7 lbs./day
October 2011	001-A	Ammonia (as N), 30 Day Average	18.1 mg/L	5.1 mg/L
October 2011	001-A	Ammonia (as N), Daily Maximum	18.4 mg/L	7.65 mg/L

Attachment D
Effluent Violations for Permit Effective November 1, 2011 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
November 2011	001	Ammonia (as N), 30 Day Average	14.2 mg/L	5.1 mg/L
November 2011	001	Ammonia (as N), Daily Maximum	18.1 mg/L	7.65 mg/L
December 2011	001	Ammonia (as N), 30 Day Average	17.5 mg/L	5.1 mg/L
December 2011	001	Ammonia (as N), Daily Maximum	20.6 mg/L	7.65 mg/L
January 2012	001	Ammonia (as N), 30 Day Average	15.1 mg/L	5.1 mg/L
January 2012	001	Ammonia (as N), Daily Maximum	18.4 mg/L	7.65 mg/L
February 2012	001	Biochemical Oxygen Demand, 30 Day Average	44.6 mg/L	30 mg/L
February 2012	001	Biochemical Oxygen Demand, 7 Day Average	53.2 mg/L	45 mg/L
February 2012	001	Ammonia (as N), 30 Day Average	13.55 mg/L	5.1 mg/L
February 2012	001	Ammonia (as N), Daily Maximum	14.9 mg/L	7.65 mg/L
March 2012	001	Biochemical Oxygen Demand, 30 Day Average	33.9 mg/L	30 mg/L
March 2012	001	Ammonia (as N), 30 Day Average	12.55 mg/L	10.8 mg/L
April 2012	001	Aluminum, 30 Day Average	700 lbs./day	0.22 lbs./day
April 2012	001	Aluminum, 30 Day Average	795 µg/L	58 µg/L
April 2012	001	Aluminum, Daily Maximum	800 lbs./day	0.15 lbs./day
April 2012	001	Aluminum, Daily Maximum	980 µg/L	87 µg/L
April 2012	001	Biochemical Oxygen Demand, 30 Day Average	43.85 mg/L	30 mg/L
April 2012	001	Biochemical Oxygen Demand, 7 Day Average	59.7 mg/L	45 mg/L
April 2012	001	E. Coli, Daily Maximum	2.89 BCFU	1.43 BCFU
April 2012	001	Ammonia (as N), 30 Day Average	16.7 mg/L	10.8 mg/L

Attachment D
Effluent Violations for Permit Effective November 1, 2011 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
April 2012	001	Ammonia (as N), Daily Maximum	17.4 mg/L	16.2 mg/L
May 2012	001	Biochemical Oxygen Demand, 30 Day Average	43.45 mg/L	30 mg/L
May 2012	001	Biochemical Oxygen Demand, 7 Day Average	53.1 mg/L	45 mg/L
May 2012	001	Ammonia (as N), 30 Day Average	14.4 mg/L	10.8 mg/L
May 2012	001	Ammonia (as N), Daily Maximum	18.5 mg/L	16.2 mg/L
June 2012	001	E. Coli, Daily Maximum	49.18 BCFU	1.43 BCFU
June 2012	001	E. Coli, Daily Maximum	2419.6 CFU	235 CFU
June 2012	001	Ammonia (as N), 30 Day Average	12.65 mg/L	10.8 mg/L
July 2012	001	Aluminum, 30 Day Average	0.6 lbs./day	0.22 lbs./day
July 2012	001	Aluminum, 30 Day Average	600 µg/L	58 µg/L
July 2012	001	Aluminum, Daily Maximum	1.2 lbs./day	0.15 lbs./day
July 2012	001	Aluminum, Daily Maximum	1200 µg/L	87 µg/L
July 2012	001	Ammonia (as N), 30 Day Average	38.6 lbs./day	12.7 lbs./day
July 2012	001	Ammonia (as N), 30 Day Average	24.3 mg/L	5.1 mg/L
July 2012	001	Ammonia (as N), Daily Maximum	51.5 lbs./day	19.05 lbs./day
July 2012	001	Ammonia (as N), Daily Maximum	32.5 mg/L	7.65 mg/L
August 2012	001	Ammonia (as N), 30 Day Average	18.85 mg/L	5.1 mg/L
August 2012	001	Ammonia (as N), Daily Maximum	32.5 mg/L	7.65 mg/L
September 2012	001	Aluminum, 30 Day Average	60 µg/L	58 µg/L
September 2012	001	Aluminum, Daily Maximum	1.01 lbs./day	0.15 lbs./day

Attachment D
Effluent Violations for Permit Effective November 1, 2011 NM0027731

Date	Outfall	Parameter	Violation	Permit Limit
September 2012	001	Aluminum, Daily Maximum	120 µg/L	87 µg/L
September 2012	001	Biochemical Oxygen Demand, 30 Day Average	45 mg/L	30 mg/L
September 2012	001	Biochemical Oxygen Demand, 7 Day Average	65 mg/L	45 mg/L
September 2012	001	Ammonia (as N), 30 Day Average	16.85 mg/L	5.1 mg/L
September 2012	001	Ammonia (as N), Daily Maximum	19.8 mg/L	7.65 mg/L
October 2012	001	Ammonia (as N), 30 Day Average	13 mg/L	5.1 mg/L
October 2012	001	Ammonia (as N), Daily Maximum	19.8 mg/L	7.65 mg/L
November 2012	001	Ammonia (as N), 30 Day Average	14.26 mg/L	5.1 mg/L
November 2012	001	Ammonia (as N), Daily Maximum	17.13 mg/L	7.65 mg/L
December 2012	001	Biochemical Oxygen Demand, 30 Day Average	36 mg/L	30 mg/L
December 2012	001	Ammonia (as N), 30 Day Average	15.3 mg/L	5.1 mg/L
December 2012	001	Ammonia (as N), Daily Maximum	14.2 mg/L	7.65 mg/L