



Region 6
1445 Ross Avenue
Dallas, Texas 75202-2733

NPDES Permit No. NM0000108

AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Clean Water Act, as amended,
(33 U.S.C. 1251 et. seq; the "Act"),

El Paso Electric Company
Rio Grande Power Station
P.O. Box 982
El Paso, TX 79960-0982

is authorized to discharge from Rio Grande Power Station located at 3501 Doniphan, in Sunland Park, Dona Ana County, New Mexico

to receiving water named Rio Grande in Segment No. 20.6.4.101 of the Rio Grande Basin, from

Outfall 001:	Latitude: 31° 48' 13"	Longitude: 106° 32' 47"
Outfall 002:	Latitude: 31° 48' 16"	Longitude: 106° 32' 59"
Internal Outfall 106:	Latitude: 31° 48' 16"	Longitude: 106° 32' 52.5"
Internal Outfall 107:	Latitude: 31° 48' 50"	Longitude: 106° 32' 53.5"
Internal Outfall 108:	Latitude: 31° 48' 17.4"	Longitude: 106° 32' 55.4"
Internal Outfall 109:	Latitude: 31° 48' 17.9"	Longitude: 106° 32' 56.5"

in accordance with this cover page and effluent limitations, monitoring requirements, and other conditions set forth in Parts I [Requirements for NPDES Permits], II [Other Conditions], and III [Standard Conditions for NPDES Permits] hereof.

This permit supersedes and replaces NPDES Permit No. NM0000108 issued June 28, 2013.

This permit shall become effective on

This permit and the authorization to discharge shall expire at midnight,

Issued on

Prepared by

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Director
Water Division

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Permitting Section (6WQ-PP)

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PART I – REQUIREMENTS FOR NPDES PERMITS

SECTION A. LIMITATIONS AND MONITORING REQUIREMENTS

1. Outfalls 001

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 from Outfall 001 (*1). Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	Standard Units			
POLLUTANT	MINIMUM	MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	6.6	9.0	1/Week	Grab

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
	lbs/day, unless noted		mg/l, unless noted (*2)			
POLLUTANT	30-Day Avg	Daily Max	30-Day Avg	Daily Max	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	Report MGD	Report MGD	***	***	Continuous	Totalizing Meter
Total Suspended Solids	N/A	N/A	30	100	1/Week	Grab
Oil and Grease	N/A	N/A	15	20	1/Week	Grab
Total Residual Chlorine	N/A	N/A	N/A	0.019 (*3)	1/Week	Instantaneous Grab
Total Copper	N/A	N/A	0.0753	0.113	1/Week	Grab
Total Dissolved Solids	N/A	N/A	Report	Report	1/Quarter (*4)	Grab
Chloride	N/A	N/A	Report	Report	1/Quarter (*4)	Grab
Dissolved Boron	N/A	N/A	Report	Report	1/Quarter	Grab

EFFLUENT CHARACTERISTICS	DISCHARGE MONITORING	MONITORING REQUIREMENTS	
		MEASUREMENT FREQUENCY	SAMPLE TYPE
WHOLE EFFLUENT TOXICITY TESTING (*5) (48-Hour Acute Static Renewal)	VALUE		
Daphnia pulex	Report	1/6 Months	24-Hr Composite
Pimephales promelas	Report	1/6 Months	24-Hr Composite

Footnotes:

*1 Monitoring from each outfall discharging is required. If an outfall is not discharging during the month, note on the DMR form No Discharge.

*2 See **Appendix A of Part II** of the permit for minimum quantification limits.

*3 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.

*4 Monitoring of total dissolved solids, and chloride shall be year round at once per quarter.

*5 WET testing is required from only one outfall for each reporting period. If both Outfalls 001 and 002 are discharging process wastewater, then testing from Outfall 002 shall be required. Only when Outfall 002 is not discharging process wastewater and Outfall 001 is shall WET samples be obtained from Outfall 001.

SAMPLING LOCATION(S)

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outfalls 001.

1. Outfall 002

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 from Outfall 002 (*1). Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
		Standard Units			
POLLUTANT	STORET CODE	MINIMUM	MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	00400	6.6	9.0	1/Week	Grab

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
	lbs/day, unless noted		mg/l, unless noted (*2)			
POLLUTANT	30-Day Avg	Daily Max	30-Day Avg	Daily Max	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	Report MGD	Report MGD	***	***	Continuous	Totalizing Meter
Total Suspended Solids	N/A	N/A	30	100	1/Week	Grab
Oil and Grease	N/A	N/A	15	20	1/Week	Grab
Total Residual Chlorine	N/A	N/A	N/A	0.019 (*3)	1/Week	Instantaneous Grab
Total Dissolved Solids	N/A	N/A	Report	Report	1/Quarter (*4)	Grab
Chloride	N/A	N/A	Report	Report	1/Quarter (*4)	Grab
Dissolved Boron	N/A	N/A	Report	Report	1/Quarter	Grab

EFFLUENT CHARACTERISTICS	DISCHARGE MONITORING	MONITORING REQUIREMENTS	
		MEASUREMENT FREQUENCY	SAMPLE TYPE
WHOLE EFFLUENT TOXICITY TESTING (*5) (48-Hour Acute Static Renewal)	VALUE		
Daphnia pulex	Report	1/6 Months	24-Hr Composite
Pimephales promelas	Report	1/6 Months	24-Hr Composite

Footnotes:

*1 Monitoring from each outfall discharging is required. If an outfall is not discharging during the month, note on the DMR form No Discharge.

*2 See **Appendix A of Part II** of the permit for minimum quantification limits.

*3 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.

*4 Monitoring of total dissolved solids, and chloride shall be year round at once per quarter.

*5 WET testing is required from only one outfall for each reporting period. If both Outfalls 001 and 002 are discharging process wastewater, then testing from Outfall 002 shall be required. Only when Outfall 002 is not discharging process wastewater and Outfall 001 is shall WET samples be obtained from Outfall 001.

SAMPLING LOCATION(S)

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outfall 002.

2. Internal Outfalls 106, 107, 108 & 109

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 metal cleaning wastewater from Internal Outfalls 106, 107, 108 and 109. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
		Standard Units			
POLLUTANT	STORET CODE	MINIMUM	MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	00400	6.0	9.0	1/Day	Grab

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
	lbs/day, unless noted		mg/l, unless noted (*2)			
POLLUTANT	30-Day Avg	Daily Max	30-Day Avg	Daily Max	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	Report MGD	Report MGD	***	***	1/Day	Estimate (*1)
Total Suspended Solids	N/A	N/A	30	100	1/Day	Grab
Oil and Grease	N/A	N/A	15	20	1/Day	Grab
Total Copper	N/A	N/A	1.0	1.0	1/Day	Grab
Total Iron	N/A	N/A	1.0	1.0	1/Day	Grab

Footnote:

*1 "Estimate" flow measurements shall not be subject to the accuracy provisions established at Part III.C.6. Flow may be estimated using sound analytical techniques.

*2 See **Appendix A of Part II** of the permit for minimum quantification limits.

SAMPLING LOCATION(S)

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Internal Outfalls 106, 107, 108 and 109 prior to co-mingling with other waste sources.

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FLOATING SOLIDS, VISIBLE FOAM AND/OR OILS

There shall be no discharge of floating solids or visible foam in other than trace amounts. There shall be no discharge of visible films of oil, globules of oil, grease or solids in or on the water, or coatings on stream banks.

ALTERNATE TEST PROCEDURE

Test method approved or accepted by the USEPA Alternate Test Procedure Program may be used as an alternate method for the above regulated parameters.

B. SCHEDULE OF COMPLIANCE

None

C. MONITORING AND REPORTING (MINOR DISCHARGERS)

Discharge Monitoring Report (DMR) results shall be electronically reported to EPA per 40 CFR 127.16. To submit electronically, access the NetDMR website at <https://netdmr.epa.gov>. Until approved for Net DMR, the permittee shall request temporary or emergency waivers from electronic reporting. To obtain the waiver, please contact: U.S. EPA - Region 6, Water Enforcement Branch, New Mexico State Coordinator (6EN-WC), (214) 665-6468. If paper reporting is granted temporarily, the permittee shall submit the original DMR signed and certified as required by Part III.D.11 and all other reports required by Part III.D. to the EPA and copies to NMED as required (See Part III.D.IV of the permit).

Monitoring information shall be submitted quarterly. Each quarterly submittal shall include separate forms for each month of the reporting period.

1. Reporting periods shall end on the last day of the months March, June, September, and December.
2. The permittee is required to submit regular quarterly reports as described above postmarked no later than the 28th day of the month following each reporting period.

3. NO DISCHARGE REPORTING

If there is no discharge from any outfall during the sampling month, place an "X" in the NO DISCHARGE box located in the upper right corner of the Discharge Monitoring Report.