



SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Surface Water Quality Bureau

**Harold Runnels Building, N2050
1190 South St. Francis Drive (87505)
P.O. Box 5469, Santa Fe, NM 87502-5469
Phone (505) 827-0187 Fax (505) 827-0160
www.nmenv.state.nm.us**



DAVE MARKLIN
Secretary

BUTCH TONGATE
Deputy Secretary

JAMES H. DAVIS, Ph.D.
Director
Resource Protection Division

Certified Mail – Return Receipt Requested

August 7, 2012

Ms. Karen Perez
Board of Directors
Camino Real Regional Utility Authority
1000 McNutt Road
Sunland Park, NM 88063

RE: Minor Municipal, SIC 4952, NPDES Compliance Evaluation Inspection, Sunland Park – Santa Teresa, aka Camino Real Regional Utility Authority, NPDES Permit No. NM0030201, July 25, 2012

Dear Ms. Perez:

Enclosed, please find a copy of the report for the referenced inspection that the New Mexico Environment Department (NMED) Surface Water Quality Bureau (SWQB) conducted at your facility on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

Problems noted during this inspection are discussed in the further explanations section of the inspection report. You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and modify your operational and/or administrative procedures, as appropriate. Further, you are encouraged to notify in writing, both the USEPA and NMED regarding modifications and compliance schedules at the addresses below:

Diana McDonald
US Environmental Protection Agency
Allied Bank Tower
Region VI Enforcement Branch (6EN-WM)
1445 Ross Avenue
Dallas, Texas 75202-2733

Program Manager
New Mexico Environment Department
Surface Water Quality Bureau
Point Source Regulation Section
P.O. Box 5469
Santa Fe, New Mexico 87502

I wish to thank your staff for their cooperation during this inspection. If you have any questions concerning this inspection report, please feel free to contact me at the above address or by telephone (505) 827-1041.

Sincerely,

Sandra Gabaldón
Surface Water Quality Bureau

Cc: Rashida Bowlin, 6EN-AS, via email
Carol Peters-Wagnon, 6EN-WM, via email
Hannah Branning, 6EN-WC, via e-mail
Larry Giglio, 6WQ-PP, via email
Diana McDonald, 6EN-WM, via email
District III, via e-mail



Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspec. Type	Inspector	Fac Type	
1 <input type="text" value="N"/> 2 <input type="text" value="5"/> 3 <input type="text" value="N"/> <input type="text" value="M"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="3"/> <input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="1"/> 11 <input type="text" value="1"/> 12 <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="7"/> <input type="text" value="2"/> <input type="text" value="5"/> 17 18 <input type="text" value="C"/> 19 <input type="text" value="S"/> 20 <input type="text" value="1"/>	Remarks					
<input type="text" value="M"/> <input type="text" value="I"/> <input type="text" value="N"/> <input type="text" value="O"/> <input type="text" value="R"/> <input type="text" value="W"/> <input type="text" value="W"/> <input type="text" value="T"/> <input type="text" value="P"/>						
Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved		
67 <input type="text"/> <input type="text"/> <input type="text"/> 69	70 <input type="text" value="3"/>	71 <input type="text" value="N"/>	72 <input type="text" value="N"/>	73 <input type="text"/>	74 <input type="text"/> 75 <input type="text"/> 76 <input type="text"/> 77 <input type="text"/> 78 <input type="text"/> 79 <input type="text"/> 80 <input type="text"/>	

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) Sunland Park – Santa Teresa Take I-25 South, Merge onto I-10 East, Take exit 13. Make a U-turn onto NM273 toward Sunland Park. The facility entrance is next to Rinker Concrete @ 5540 McNutt Road. Dona Ana County	Entry Time /Date 1445 hours / 07-25-2012	Permit Effective Date March 1, 2009
	Exit Time/Date 1615 Hours/ 07-25-2012	Permit Expiration Date February 28, 2014
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Carlos Arellano, Wastewater Lead Operator (915) 238-8740	Other Facility Data SIC 4952	
Name, Address of Responsible Official/Title/Phone and Fax Number Karen Perez, Chair Camino Real Regional Utility Authority 1000 McNutt Sunland Park, NM 88063	Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	31°51'16.30" N -106°37'52.37" W

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

<input type="text" value="M"/>	Permit	<input type="text" value="N"/>	Flow Measurement	<input type="text" value="U"/>	Operations & Maintenance	<input type="text" value="N"/>	CSO/SSO
<input type="text" value="N"/>	Records/Reports	<input type="text" value="N"/>	Self-Monitoring Program	<input type="text" value="S"/>	Sludge Handling/Disposal	<input type="text" value="N"/>	Pollution Prevention
<input type="text" value="S"/>	Facility Site Review	<input type="text" value="N"/>	Compliance Schedules	<input type="text" value="N"/>	Pretreatment	<input type="text" value="N"/>	Multimedia
<input type="text" value="N"/>	Effluent/Receiving Waters	<input type="text" value="N"/>	Laboratory	<input type="text" value="N"/>	Storm Water	<input type="text" value="N"/>	Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

Name(s) and Signature(s) of Inspector(s) Sandra Gabaldón	Agency/Office/Telephone/Fax NMED/SWQB/(505) 827-1041/(505) 827-0160	Date
Signature of Management QA Reviewer Richard Powell	Agency/Office/Phone and Fax Numbers 505-827-2798	Date

SECTION A - PERMIT VERIFICATION

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS S M U NA (FURTHER EXPLANATION ATTACHED NO)
 DETAILS: Permittee did not have their permit on site as required. Inspector was unable to verify information needed on site. Inspector had permit available online.

- 1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE Y N NA
- 2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES Y N NA
- 3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT Y N NA
- 4. ALL DISCHARGES ARE PERMITTED Y N NA

SECTION B - RECORDKEEPING AND REPORTING EVALUATION

RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT. S M U NA (FURTHER EXPLANATION ATTACHED NO)
 DETAILS: Permittee does not discharge. All DMRs are up-to-date and state "no discharge"

- 1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRs. Y N NA
- 2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE. S M U NA
 - a) DATES, TIME(S) AND LOCATION(S) OF SAMPLING Y N NA
 - b) NAME OF INDIVIDUAL PERFORMING SAMPLING Y N NA
 - c) ANALYTICAL METHODS AND TECHNIQUES. Y N NA
 - d) RESULTS OF ANALYSES AND CALIBRATIONS. Y N NA
 - e) DATES AND TIMES OF ANALYSES. Y N NA
 - f) NAME OF PERSON(S) PERFORMING ANALYSES. Y N NA
- 3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE. S M U NA
- 4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR. S M U NA
- 5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA. Y N NA

SECTION C - OPERATIONS AND MAINTENANCE

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED. S M U NA (FURTHER EXPLANATION ATTACHED YES)
 DETAILS:

- 1. TREATMENT UNITS PROPERLY OPERATED. Aeration basins have sludge rising, indicating a need for wasting. Clarifiers had some ashing. S M U NA
- 2. TREATMENT UNITS PROPERLY MAINTAINED. Surface aerator in south basin needs to be repaired. S M U NA
- 3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED. Gravity flow. Portable generator available. S M U NA
- 4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE. S M U NA
- 5. ALL NEEDED TREATMENT UNITS IN SERVICE S M U NA
- 6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED. S M U NA
- 7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED. S M U NA
- 8. OPERATION AND MAINTENANCE MANUAL AVAILABLE. Y N NA
 STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED. Y N NA
 PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED. No written procedures established. Y N NA

SECTION C - OPERATIONS AND MAINTENANCE (CONT'D)

9. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR? Y N NA
 IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED? Y N NA
 HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS? Y N NA

10. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT? Y N NA
 IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT? Y N NA

SECTION D - SELF-MONITORING

PERMITTEE SELF-MONITORING MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED NO.)
 DETAILS: Permittee is a "NO DISCHARGE" facility and sends all its effluent to Sunland Park WWTP for further treatment.

1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT. Y N NA

2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES. Y N NA

3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT. Y N NA

4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT. Y N NA

5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT. Y N NA

6. SAMPLE COLLECTION PROCEDURES ADEQUATE Y N NA

a) SAMPLES REFRIGERATED DURING COMPOSITING. Y N NA

b) PROPER PRESERVATION TECHNIQUES USED. Y N NA

c) CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136.3. Y N NA

7. IF MONITORING AND ANALYSES ARE PERFORMED MORE OFTEN THAN REQUIRED BY PERMIT, ARE THE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT? Y N NA

SECTION E - FLOW MEASUREMENT

PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED NO.)
 DETAILS: Permittee is a "NO DISCHARGE" facility and sends all its effluent to Sunland Park WWTP for further treatment

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED. Y N NA
 TYPE OF DEVICE

2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED. Y N NA

3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED. Y N NA

4. CALIBRATION FREQUENCY ADEQUATE. Y N NA
 RECORDS MAINTAINED OF CALIBRATION PROCEDURES. Y N NA
 CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE. Y N NA

5. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE. Y N NA

6. HEAD MEASURED AT PROPER LOCATION. Y N NA

7. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES. Y N NA

SECTION F – LABORATORY

PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED NO.)
 DETAILS: Permittee is a "NO DISCHARGE" facility and sends all its effluent to Sunland Park WWTP for further treatment

1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(b) FOR SLUDGES) Y N NA

SECTION F - LABORATORY (CONT'D)

2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED Y N NA
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT. S M U NA
4. QUALITY CONTROL PROCEDURES ADEQUATE. S M U NA
5. DUPLICATE SAMPLES ARE ANALYZED. 100 % OF THE TIME. Y N NA
6. SPIKED SAMPLES ARE ANALYZED. ___ % OF THE TIME. Y N NA
7. COMMERCIAL LABORATORY USED. Y N NA

LAB NAME

LAB ADDRESS

PARAMETERS PERFORMED

SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS. S M U NA (FURTHER EXPLANATION ATTACHED NO.)

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER
001							

RECEIVING WATER OBSERVATIONS: No observations made.

SECTION H - SLUDGE DISPOSAL

SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED NO.)
 DETAILS: Land filled.

1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY. S M U NA
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503. S M U NA
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: _____ (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE)

SECTION I - SAMPLING INSPECTION PROCEDURES (FURTHER EXPLANATION ATTACHED ___).

1. SAMPLES OBTAINED THIS INSPECTION. Y N NA
2. TYPE OF SAMPLE OBTAINED
 GRAB _____ COMPOSITE SAMPLE ___ METHOD _____ FREQUENCY _____
3. SAMPLES PRESERVED. Y N NA
4. FLOW PROPORTIONED SAMPLES OBTAINED. Y N NA
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE. Y N NA
6. SAMPLE REPRESENTATIVE OF VOLUME AND MATURE OF DISCHARGE. Y N NA
7. SAMPLE SPLIT WITH PERMITTEE. Y N NA
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED. Y N NA
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT. Y N NA

Sunland Park – Santa Teresa Wastewater Treatment Plant
(Camino Real Regional Utility Authority)
Permit No. NM0030201
Compliance Evaluation Inspection
July 25, 2012

Further Explanations

Introduction:

On July 25, 2012, a Compliance Evaluation Inspection (CEI) was conducted at the Sunland Park – Santa Teresa Wastewater Treatment Plant (Camino Real Regional Utility Authority) by Sandra Gabaldón, New Mexico Environment Department (NMED), Surface Water Quality Bureau (SWQB). Santa Teresa is classified as a minor municipal facility under the federal Clean Water Act, Section 402 National Pollutant Discharge Elimination System (NPDES) permit program and is assigned permit number NM0030201.

This permit authorizes discharges from Outfall 001 to the Lower Rio Grande Basin in segment 20.6.4.101 (*NMAC State of New Mexico Standards for Interstate and Intrastate Surface Waters*). Designated uses of segment 20.6.4.101 are irrigation, marginal warmwater aquatic life, livestock watering, wildlife habitat, and primary contact.

The purpose of this inspection is to provide United States Environmental Protection Agency (USEPA) with information to evaluate the permittee's compliance with the NPDES permit. The enclosed report is based on records review kept by NMED, on site observations made by NMED personnel, and verbal information provided by Mr. Carlos Arellano, Lead Operator.

The NMED inspector arrived at the WWTP at approximately 1445 hours on July 25, 2012. Credentials were presented to Mr. Arellano and the purpose of the inspection was made clear. An exit interview was conducted with Mr. Arellano at approximately 1600 - 1615 hours on July 25, 2012.

Treatment Scheme:

Flow from the industrial park and the Village of Santa Teresa presently by-passes the WWTP and flows directly to Sunland Park WWTP (NM0029483) for treatment. The headworks consists of a dual barscreen with 1-inch bars. No grit removal system exists at this facility. The flow then enters a splitter box, which accepts both influent water and return activated sludge (RAS).

Flow from the splitter box goes to one of two synthetically lined aeration basins with three surface aeration blowers provided in each basin.

Flow from the aeration basins then enters a circular clarifier. After clarification, the flow enters a "polishing pond" to be pumped to the Sunland Park WWTP.

**NMED/SWQB
Official Photograph Log
Photo # 1**

Photographer: Sandra Gabaldón	Date: 07-25-2012	Time: 1506
City/County: Santa Teresa / Doña Ana		State: New Mexico
Location: Sunland Park – Santa Teresa (CRRUA)		
Subject: North aeration basin (One of two basins)		



**NMED/SWQB
Official Photograph Log
Photo # 2**

Photographer: Sandra Gabaldón	Date: 07-25-2012	Time: 1511
City/County: Santa Teresa / Doña Ana		State: New Mexico
Location: Sunland Park – Santa Teresa (CRRUA)		
Subject: Clarifier – Note ashing on surface.		



**NMED/SWQB
Official Photograph Log
Photo # 3**

Photographer: Sandra Gabaldón	Date: 07-25-2012	Time: 1511
City/County: Santa Teresa / Doña Ana		State: New Mexico
Location: Sunland Park – Santa Teresa (CRRUA)		
Subject: Close up view of clarifier – Note ashing		



**NMED/SWQB
Official Photograph Log
Photo # 4**

Photographer: Sandra Gabaldón	Date: 07-25-2012	Time: 1511
City/County: Santa Teresa / Doña Ana		State: New Mexico
Location: Sunland Park – Santa Teresa (CRRUA)		
Subject: South aeration basin – Surface aerator in center off line. Parts have been ordered.		

