



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
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RYAN FLYNN
Cabinet Secretary-Designate

BUTCH TONGATE
Deputy Secretary

THOMAS SKIBITSKI
Acting Director
Resource Protection Division

Certified Mail - Return Receipt Requested

April 30, 2013

Mr. Alex C. Brown, Town Manager
P.O. Box 1188
Silver City, New Mexico 88062

Re: Major-Municipal, SIC 4952, NPDES Compliance Evaluation, Silver City, Wastewater Treatment Plant, NM0020109, April 4, 2013

Dear Mr. Brown,

Enclosed, please find a copy of the report and check list for the referenced inspection that the New Mexico Environment Department (NMED) 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.

Introduction, treatment scheme, and problems noted during this inspection are discussed in the Further Explanations section of the inspection report. The main problems were found in the area Recordkeeping and Reporting. You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and to 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, Region VI
Enforcement Branch (6EN-WM)
Allied Bank Tower
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

Addressee

Date

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If you have any questions about this inspection report, please contact me at (505) 827-2575 or daniel.valenta@state.nm.us.

Sincerely,

/s/Daniel Valenta

Daniel Valenta
Environmental Scientist/Specialist
Surface Water Quality Bureau

Cc: Rashida Bowlin, USEPA (6EN-AS) by e-mail
Samuel Tate, USEPA (6EN-AS) by e-mail
Carol Peters, USEPA (6EN-WM) by e-mail
Diana McDonald, USEPA (6EN-WM) by e-mail
Larry Giglio, USEPA (6WQ-PP) by e-mail
Hannah Branning, USEPA (6EN-WC) by e-mail
Jan Walker, USEPA (6EN) by e-mail
NMED District III by 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	N	2	5	3	N	M	0	0	2	0	1	0	9	11	12	1	3	0	4	0	4	17	18	C	19	S	20	1	
Remarks																													
M A J O R W W T P																													
Inspection Work Days						Facility Evaluation Rating						BI		QA		-----Reserved-----													
67						70	2	71	N	72	N	73			74	75													80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)		Entry Time /Date 1004/April 4, 2013		Permit Effective Date October 1, 2008	
Silver City Wastewater Treatment Plant, 1660 Filaree Road, Silver City, New Mexico 88061/Grant County		Exit Time/Date 1418/April 4, 2013		Permit Expiration Date September 30, 2013	
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)				Other Facility Data	
Manny Orosco/ Facility Foreman/575-388-4981				Latitude N 35° 38' 09.70"	
Name, Address of Responsible Official/Title/Phone and Fax Number				Longitude W 106° 04' 30.94"	
Mr. Alex C. Brown, Box 1188, Silver City, New Mexico 88062/Town Manager/575-534-6358				SIC 4952	
				Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Section C: Areas Evaluated During Inspection

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

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

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

1. SEE REPORT AND FURTHER EXPLANATIONS.

Name(s) and Signature(s) of Inspector(s)		Agency/Office/Telephone/Fax		Date	
DANIEL VALENTA /s/Daniel Valenta		NMED/SWQB 505-827-2575		4/30/2013	
Signature of Management QA Reviewer		Agency/Office/Phone and Fax Numbers		Date	
BRUCE YURDIN /s/Bruce Yurdin		NMED/SWQB 505-827-0418		4/30/2013	

SECTION A - PERMIT VERIFICATION

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS DETAILS: S M U NA (FURTHER EXPLANATION ATTACHED NO.)

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. DETAILS: S M U NA (FURTHER EXPLANATION ATTACHED YES.)

1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRs. **Analytical results not being reported correctly.** 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. DETAILS: S M U NA (FURTHER EXPLANATION ATTACHED NO.)

1. TREATMENT UNITS PROPERLY OPERATED. S M U NA
2. TREATMENT UNITS PROPERLY MAINTAINED. S M U NA
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED. S M U N
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. **Only one level 4 at the plant.** S M U NA
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED. **Some spare parts present, scattered throughout the facility.** 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. 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? **Total Unknown** 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:

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:

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED. Y N NA
 TYPE OF DEVICE **9" Parshall Flume or 6" Parshall Flume**

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. **A staff reading is recorded during sampling events.** 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:

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. 10 % 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 **Huther and Associates, Inc.** **Hall Environmental Analysis Laboratory**
 LAB ADDRESS **1156 North Bonnie Brae, Denton, TX 76201** **4901 Hawkins NE, Albuquerque, NM 87109**
 PARAMETERS PERFORMED **WET Test** **Mercury Test**

SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS. S M U NA (FURTHER EXPLANATION ATTACHED YES.)

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

RECEIVING WATER OBSERVATIONS: **No smell detected.****SECTION H - SLUDGE DISPOSAL**SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED no).DETAILS: **Sludge taken to Southwest New Mexico Regional Landfill.**

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 no).

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

**Compliance Evaluation Inspection
Silver City Wastewater Treatment Facility
NPDES Permit No. NM0020109
April 4, 2013**

Introduction

On April 4, 2013 a Compliance Evaluation Inspection (CEI) was conducted at the City of Silver City Wastewater Treatment Plant (WWTP) by Mr. Daniel Valenta of the State of New Mexico Environment Department (NMED). This facility is classified as a major municipal domestic discharger under the federal Clean Water Act (CWA), Section 402 National Pollutant Discharge Elimination System (NPDES) permit program and is assigned permit number NM0020109. The facility has a design capacity of 2.0 million gallons per day (MGD). The effluent from the treatment plant is discharged to receiving waters named San Vicente Arroyo, an intermittent tributary in the Mimbres River Basin. The San Vicente Arroyo intersects the Mimbres River approximately 31 miles downstream from the site.

The NMED performs a certain number of CEI's for the U.S. Environmental Protection Agency (USEPA) each year. The purpose of this inspection is to provide USEPA with information to evaluate the permittee's compliance with the NPDES permit. This report is based on review of files maintained by the permittee and NMED, on-site observation by NMED personnel, and verbal information provided by the permittee's representative. Findings of the inspection are detailed on the attached EPA form 3560-3 and in the narrative Further Explanations section of the report.

The inspector arrived at the Silver City WWTP at 1004, met with Wastewater Operator, Mr. Manny Orosco, and Utilities Director Mr. Robert Esqueda. Introductions were made, credentials were presented, and purpose of the inspection discussed. After touring the WWTP the inspector reviewed records at the WWTP office. An exit interview was held with Manny Orosco at the WWTP office at approximately 1303. Mr. Esqueda was invited but did not attend.

Treatment Scheme

Raw sewage arrives by gravity flow at the WWTP entrance works via two separate lines, one from Silver City proper and one from Maude Canyon (east of town). This facility also accepts septage at a dump station located at the south end of the plant. Septage is accepted on a limited basis and the plant also accepts grease trap waste and uses a drying bed for evaporation before sending the grease to the landfill.

Influent enters the plant at the primary lift station (influent pump station). The pump station has two screw pumps, one for influent, and one for return activated sludge (RAS) from the secondary clarifiers. All of the influent is directed to a primary automatic bar screen and grit chamber, then to a secondary bar screen chamber located adjacent to the entrance works. At the primary grit chamber, wastewater is lifted to a 12-inch Parshall flume and a sonic secondary measurement device where the influent flow is recorded. The plant has a call alarm system to notify the plant staff of high flow, low flow, and electrical problems at the plant.

Flow from the secondary grit chamber is directed through a splitter box where effluent is divided evenly between two primary clarifiers that operate in parallel. Sludge is collected by rotating scrapers and directed to a sump located in the center of the clarifiers. The collected sludge is then pumped to the aerobic digesters.

Compliance Evaluation Inspection
Silver City Wastewater Treatment Facility
NPDES Permit No. NM0020109
April 4, 2013

Flow continues to another splitter box prior to entering the anoxic basin component consisting of 2-bioselectors, and 4-anoxic basins. A bypass channel with side gates is operated to select which basins are used. The anoxic basins were designed for denitrification, to improve effluent quality. Recirculation speed can be adjusted to balance ammonia and nitrate in the secondary effluent.

Wastewater flows from the primary clarifiers to the aeration basins that have four mechanical brush aerators. From the aerobic basin, flow enters a splitter box and is divided before entering two secondary/final clarifiers. Activated sludge that settles in these units is periodically pumped back as Returned Activated Sludge (RAS) or pumped out of the process to the sludge digesters. From the secondary clarifiers, flows are combined then routed to an Ultra Violet (UV) disinfection system that contains two UV drums. The treated effluent flows into the unused chlorine contact chamber. This chamber is now just being used as an equalization basin as effluent is released through the various paths that can be used.

Solids Management

Sludge is batch wasted from the bottom of the primary clarifiers, anoxic basins, and aerobic basin to an aerobic sludge digester. From the digester, sludge is drained to one of fourteen drying beds. Sludge in the beds is manually aerated to facilitate the drying process and increase the solids content prior to final disposal. Liquid from the drying beds is decanted and returned to the entrance works. The dried sludge is stored on site and then shipped to the Southwest New Mexico Regional Landfill for final disposal.

Collection System

Based on a description of the collection system by Mr. Esqueda, there are approximately 4,200 residential and commercial connections and a roughly estimated 65 miles of sewer line. The age of the system varies. For example, the collection system includes sewer line from the 1960's to 70's. A sewer line along San Vicente Arroyo and Maude Canyon was added when the WWTP was relocated to the present location in the late 1970s. The lateral connection to the Rosedale area was added in the 1980s.

Root killer is used once or twice a year in problem areas. The Town of Silver City has a city grease ordinance that allows citations to be issued. Only one pump or lift station in the collection system is maintained by the Town of Silver City. The municipal two-pump lift station at Delk and US 180 does not have back up power or a supervisory control and data acquisition (SCADA) system, but does have a high level warning beacon. A second pump or lift station in the collection system is maintained by a developer.

**Compliance Evaluation Inspection
Silver City Wastewater Treatment Facility
NPDES Permit No. NM0020109
April 4, 2013**

Further Explanations

Section B-Recordkeeping & Reporting Evaluation-Overall Rating of “Unsatisfactory”

Permit Requirements – for Recordkeeping and Reporting Evaluation

1. Part I.A. of permit #NM0020109 lists 30 Day Average and 7 Day Average effluent limitations for both mass (pounds /day) and concentration (mg/l) at outfall 001 for biochemical oxygen demand (BOD5) and total suspended solids (TSS). Part I.A also lists 30 Day Average and 7 Day Average limitations for concentration at outfall 001 for E-coli bacteria.

Total mass (lbs/day) = flow (million gallons/day (MGD)) x 8.34 x concentration (mg/l)

A review of analytical results was conducted using records maintained by the permittee for the months of December 1, 2012 to February 1, 2013 for outfall 001. The permit limits are set based on the facilities 2.0 MGD Design Flow. Discharging to the Golf Course diverts at times a majority of the treated effluent thus the permitted discharge limits are quite large compared to what is discharged. To calculate the loading per the above equation the flow data used must be for the day the sample was taken. Reported values were calculated using the weekly flow not the flow on the day of sampling. **This is a repeat of the 2010 and the 2012 inspections.**

2. Flow Measurement and Loading Record Keeping and Reporting: Part I.A of the permit requires 30-day average, 7-day average and daily max flow reporting. Part III.F (definitions) of the permit defines Daily Maximum Flow as “*The highest total flow for any 24-hour period in a calendar month.*” After the April 2012 inspection three DMRs still had this error in reporting flows, (see photo 1).

No permit limits were exceeded during the reviewed time period by not calculating the loading correctly. However these errors should be corrected by resubmitting DMRs. The WWTP appeared to be well run and managed properly; however the errors found focused on not correctly reporting the required parameters.

3. Part I.E (Overflow Reporting) of the permit states,

“The permittee shall report all overflows with the Discharge Monitoring Report submittal. These reports shall be summarized and reported in tabular format. The summaries shall include: the date, time, duration, location, estimated volume, and cause of the overflow; observed environmental impacts from the overflow; actions taken to address the overflow; and ultimate discharge location if not contained (e.g., storm sewer system, ditch, tributary).”

“Overflows that endanger health or the environment shall be orally reported to EPA at (214) 665-6595, and NMED Surface Water Quality Bureau at (505) 827-0187, within 24 hours from the time the permittee becomes aware of the circumstance.

Compliance Evaluation Inspection
Silver City Wastewater Treatment Facility
NPDES Permit No. NM0020109
April 4, 2013

A written report of overflows that endanger health or the environment shall be provided to EPA and the NMED Surface Water Quality Bureau within 5 days of the time the permittee becomes aware of the circumstance.”

Part III.D.7 (Standard Conditions, Twenty-Four Hour Reporting) of the permit states:

“The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall be provided within 5 days of the time the permittee becomes aware of the circumstances. The report shall contain the following information: (1) A description of the noncompliance and its cause; (2) The period of noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and, (3) Steps being taken to reduce, eliminate, and prevent recurrence of the noncomplying discharge. b. The following shall be included as information which must be reported within 24 hours: (1) Any unanticipated bypass which exceeds any effluent limitation in the permit; (2) Any upset which exceeds any effluent limitation in the permit.... c. The Director may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.”

Part III.D.8 (Standard Conditions, Other Noncompliance) of the permit states:

“The permittee shall report all instances of noncompliance not reported under Parts III.D.4 and D.7 ...at the time monitoring reports are submitted. The reports shall contain the information listed at Part III.D.7.”

At the initial meeting at the WWTP the Utilities Director, Mr. Robert Esqueda, was present. To follow up on the SSO inspection of 2012 questions were asked concerning the reporting of spills. Mr. Esqueda was under the impression only spills reaching surface waters had to be reported. When asked about SOPs concerning spills from the collection system, Mr. Esqueda was not aware of the city having any in place. **This lack of SOP'S is a repeat finding of the 2012 inspection.** A review of the above permit requirements may be helpful.

4. The EPA is encouraging permittees to transition from submitting DMRs as paper copies to the NetDMR system. The past WWTP Supervisor, now retired, preferred paper DMRs. Mr. Orosco has found the NET DMR system to be very frustrating. Information on the NetDMR training information can be found at:

<http://epa.gov/netdmr/about/training.html>

NMED/SWQB

Official Photograph

Photo #1

Photographer: Daniel Valenta	Date: 4/4/2013	Time: 1246
City/County: Silver City/Grant County		
Location: Silver City WWTP, 1660 East Filaree Road, Silver City, New Mexico 88061.		
Subject: DMR from 6/30/2012, errors in reporting flows. Monthly daily maximum cannot be lower than a weekly or monthly average.		

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-004

PERMITTEE NAME/ADDRESS (include Facility Name/Location if Different)
 NAME: TOWN OF SILVER CITY
 ADDRESS: P. O. BOX 1188
 SILVER CITY, NM 88062
 FACILITY: SILVER CITY, TOWN OF WWTP
 LOCATION: 1660 FILAREE RD 7MI S OF CITY
 GRANT COUNTY, NM 88061
 ATTN: ROBERT M. ESQUEDA, DIR OF UTIL

MONITORING PERIOD
 FROM 06/01/2012 TO 06/30/2012

DMR Mailing ZIP CODE: 88052
 MAJOR \$
 TREATED MUNICIPAL WASTEWATER External Outfall No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, 5-day, 20 deg. C	SAMPLE MEASUREMENT	1.86	3.55	lb/d	.....	1.98	3.27	mg/L		01/07	06
00310 1 0 Effluent Gross	PERMIT REQUIREMENT	500	750	30DA AVG	7 DA AVG	30DA AVG	7 DA AVG			Weekly	COMP-6
pH	SAMPLE MEASUREMENT	.....	.....	.....	7.3	.....	7.8	SU		03/07	G3
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	.....	.....	.....	8.5 MINIMUM	.....	8.5 MAXIMUM			Three Per Week	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	5.25	10.62	lb/d	.....	6.15	14.15	mg/L		01/07	06
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	500	750	30DA AVG	7 DA AVG	30DA AVG	7 DA AVG			Weekly	COMP-6
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	.....	.....	.....	0.29	0.11	10	Mgal/d		99/99	T1
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	.....	.....	.....	Reg. Mon. 30DA AVG	Reg. Mon. 7 DA AVG	Reg. Mon. DAILY MX			Continuous	TOTAL2
Chlorine, total residual	SAMPLE MEASUREMENT	.....	.....	.....	.....	.....	10	ug/L		99/99	G3
50080 A 0 Disinfection, Process Complete	PERMIT REQUIREMENT	.....	.....	.....	.....	.....	11 INST MAX			Daily	GRAB
E. coli	SAMPLE MEASUREMENT	.....	.....	.....	.....	4250	229.0	CFU/100m L		03/07	G3
51040 1 0 Effluent Gross	PERMIT REQUIREMENT	.....	.....	.....	128 30DAVGEQ	410 DAILY MX				Three Per Week	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: _____
 TYPED OR PRINTED: _____
 COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): _____

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: _____

TELEPHONE: _____ DATE: _____
 AREA CODE: _____ NUMBER: _____ MMDDYYYY: _____

EPA Form 3320-1 (Rev.01/06) Previous editions may be used. Page 1

NMED/SWQB

Official Photograph

Photo #2

Photographer: Daniel Valenta	Date: 4/4/2013	Time: 1141
City/County: Silver City/Grant County		
Location: Silver City WWTP, facing east, 1660 East Filaree Road, Silver City, New Mexico, 88061		
Subject: Influent gravity flows through the treatment process.		

Secondary Clarifier

UV building and Outfall



NMED/SWQB

Official Photograph

Photo #3

Photographer: Daniel Valenta	Date: 4/4/2013	Time: 1149
City/County: Silver City/Grant County		
Location: Silver City WWTP, facing west, 1660 East Filaree Road, Silver City, New Mexico, 88061		
Subject: Secondary Clarifier		

