



**NEW MEXICO
ENVIRONMENT DEPARTMENT**



Resource Protection Division

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Deputy Secretary**

**THOMAS SKIBITSKI
Acting Division Director**

Certified Mail – Return Receipt Requested

May 2, 2013

The Honorable Robert "Bob" Knowlton, Mayor
Village of Bosque Farms
Post Office Box 660
Peralta, New Mexico 87042

**RE: Minor Municipal, SIC 4952, NPDES Compliance Evaluation Inspection, Bosque Farms
Wastewater Treatment Plant, NM0030279, April 11, 2013**

Dear Mr. Knowlton:

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

Bosque Farms WWTP
Mr. Bob Knowlton
Page -2-
May 2,2013

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,
/s/ Sandra Gabaldon

Sandra Gabaldón
Surface Water Quality Bureau

Cc: Rashida Bowlin, 6EN-WC, via email
Darlene Whitten-Hill, 6EN-WC, via email
Carol Peters-Wagnon, 6EN-WM, via email
Jan Walker, 6EN-WC, via e-mail
Larry Giglio, 6WQ-PP, via email
Diana McDonald, 6EN-WM, via email
District I, via e-mail



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	3	0	2	7	9	11	12	1	3	0	4	1	1	17	18	C	19	S	20	1	
Remarks																													
B O S Q U E F A R M S W W T P																													
Inspection Work Days						Facility Evaluation Rating						BI		QA		Reserved													
67						70						71	N	72	N	73													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) BOSQUE FARMS WWTP – From I-25 South, Exit Broadway Blvd/NM47 and continue to Bosque Farms. Turn west at South Bosque Loop. Turn south at McNew Road (where S. Bosque Loop has a very sharp turn). Then to Desmet Road. WWTP can be seen from the Road (at end of Desmet Road).		Entry Time /Date 1000 Hours / 04-11-2013		Permit Effective Date October 01, 2012	
		Exit Time/Date 1415 Hours / 04-11-2013		Permit Expiration Date September 30, 2017	
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Cliff Hibdon, Utilities Director (505) 869-3430; Fax (505) 869-0862				Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number Robert "Bob" Knowlton, Mayor Post Office Box 660 Peralta, New Mexico 87042				Outfall at Rio Grande: N. 34.83276 W. -106.71492 SIC 4952	

Section C: Areas Evaluated During Inspection

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

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

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

1. Inspectors arrived at the facility at 1000 hours on April 11, 2013, presented credentials and explained the purpose of the inspection.
2. Exit conference was held with Mr. Cliff Hibdon to go over the preliminary findings of the inspection.
3. Please see report for further details.

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone/Fax	Date
Sandra Gabaldón /s/ Sandra Gabaldon	NMED/SWQB/(505) 827-1041/ (505) 827-0160	
Signature of Management QA Reviewer	Agency/Office/Phone and Fax Numbers	Date
Bruce Yurdin, Program Manager /s/ Bruce Yurdin	NMED/SWQB/(505) 827-2795/(505) 827-0160	

SECTION A - PERMIT VERIFICATION

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS

S M U NA (FURTHER EXPLANATION ATTACHED NO)

DETAILS: Permit issued: 10/01/2012; Expires: 09/30/2017

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 YES)

DETAILS:

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.

S M U NA

2. TREATMENT UNITS PROPERLY MAINTAINED.

S M U NA

3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED .

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.

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 YES).
 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 YES).
 DETAILS:

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED. Y N NA
 TYPE OF DEVICE 6-inch 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. Last Calibration 02/06/2013 by Yukon and Associates. Y N NA
 RECORDS MAINTAINED OF CALIBRATION PROCEDURES. Y N NA
 CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE. No records maintained of calibration checks 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 YES).
 DETAILS:

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

**Village of Bosque Farms
NPDES Permit No. NM0030279
Compliance Evaluation Inspection
April 11, 2013**

Introduction:

On April 11, 2013, Sandra Gabaldón and Daniel Valenta of the New Mexico Environment Department (NMED), Surface Water Quality Bureau (SWQB) conducted a compliance evaluation inspection (CEI) at the Bosque Farms Wastewater Treatment Plant (WWTP). The Bosque Farms WWTP has a design flow capacity of 0.5 million gallons per day (MGD) and is classified as a minor discharger under the federal Clean Water Act, Section 402, of the National Pollutant Discharge Elimination System (NPDES) permit program. It is assigned NPDES permit number NM0030279. This permit regulates the WWTP discharge to Rio Grande in the Middle Rio Grande Basin in Segment 20.6.4.105 according to the State of New Mexico Standards for Interstate and Intrastate Surface Waters 20.6.4 NMAC. This segment includes the designated uses of irrigation, marginal warmwater aquatic life, livestock watering, public water supply, wildlife habitat, and primary contact.

The NMED performs a certain number of CEIs for the U.S. Environmental Protection Agency (USEPA), Region VI, under the NPDES permit program, in accordance with the federal Clean Water Act. USEPA uses these inspections to determine compliance with the NPDES permit program. This inspection report is based on information provided by the permittee's representative, observations made by NMED staff, and records and reports kept by the permittee and/or NMED.

Upon arrival at the WWTP at 1000 hours on April 11, 2013, the inspector conducted an entrance interview with Mr. Cliff Hibdon, Utilities Director, where credentials were presented and the purpose of the inspection explained. An exit conference was again held with Mr. Hibdon at the Sludge Facility on April 11, 2013 at approximately 1400 hours to present preliminary findings of the inspection.

Treatment Scheme:

Bosque Farms WWTP has a design capacity of 0.5 MGD and serves an approximate population of 5,000. Recently, the neighboring village of Peralta has requested a tie in to the WWTP. However, this is on hold at this time as Bosque Farms has requested monies be provided from Peralta to build another clarifier.

The Village of Bosque Farms currently has an ordinance in place that requires installation, maintenance and inspection of grinder pumps, grease traps, and sand traps. Sand traps are required for car washes, schools, day care facilities, commercial laundries and the laundromats. Grinder pumps are connected to each residence as well as commercial facilities throughout the village. Each grinder pump is equipped with an alarm system which alarms when something is wrong with the unit. Every resident is taught about the alarm system and the need to call immediately. The village WWTP staff provide maintenance and necessary repairs of the grinder pumps when needed.

Influent enters an anaerobic selector unit. The anaerobic selector unit is covered and odors are allowed to be vented to a biofilter (bark) odor compost bed. The contents in the anaerobic selector unit are mixed before moving to the aeration basin. The aeration basin is aerated using diffused air in the

bottom of the tank from one of three alternated blowers. The aeration basin has concrete baffles to extend the aeration time and surrounds the secondary clarifier. A scum skimmer arm removes floatables from the clarifier and places them into the scum pit that eventually goes to the sludge storage basin. According to the permittee's representative, ferrous chloride solution in an above ground storage tank is not used to treat the influent at the lift station at this time.

Ultraviolet (UV) light is used for disinfection. Two banks with three lights each can be alternated for maintenance. The UV system is cleaned with an automatic wiper system. Chlorine has not been used as backup disinfection since May of 2006 according to the permittee's representative. Immediately after the UV system, effluent flow is measured using a 6-inch Parshall flume and a secondary Drexelbrook ultrasonic flow meter.

Solids Management:

Waste sludge is pumped from the secondary clarifier to an aerated thickener unit. The sludge is thickened with a polymer and allowed to settle by turning off aeration. Records kept at the WWTP indicate that solids reach a concentration between 2 to 3 percent before being trucked to a village-owned 240 acre fenced unlined sludge disposal facility located on an access road from Dallies Road, three miles south of NM 6 in Valencia County. Final disposal is achieved with surface disposal using an injection truck and injecting the waste into the ground approximately six inches.

Further Explanations

Note: The sections are arranged according to the format of the enclosed EPA Inspection Checklist (Form 3560-3), rather than being ranked in order of importance.

Section B – Recordkeeping and Reporting – Overall Rating of “Unsatisfactory”

The permit requires, in Part III, Section D.4, Record Contents:

Records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurements;*
- b. The individual(s) who performed the sampling or measurements;*
- c. The date(s) and time(s) analyses were performed;*
- d. The individual(s) who performed the analyses;*
- e. The analytical techniques or methods used; and*
- f. The results of such analyses.*

The permit requires in Part IV, Section 2.4 Recordkeeping Requirements:

The permittee shall develop the following information and shall retain the information for five years. The sludge documents will be retained on site at the same location as other NPDES records.

- a. The distance of the surface disposal site from the property line and the concentration (mg/Kg) in the sludge of each pollutant listed above in Table 5, as well as the applicable pollutant concentration criteria listed in Table 5.*
- b. A certification statement that all applicable requirements (specifically listed) have been met, and that the permittee understands that there are significant penalties for false certification including fine and imprisonment. See 503.27(a)(1)(ii) or 503.27(a)(2)(ii) as applicable to the permittee's sludge disposal activities.*
- c. A description of how either class A or Class B pathogen reduction requirements are met, or whether sewage sludge placed on a surface disposal site is covered with soil or other material at the end of each operating day.*
- d. A description of how the vector attraction reduction requirements are met.*
- e. Results of a groundwater monitoring program developed by a qualified groundwater scientist, or a certification by a qualified groundwater scientist may be used to*

demonstrate that sewage sludge placed on an active sewage sludge unit does not contaminate an aquifer. A qualified groundwater scientist is an individual with a baccalaureate or post graduate degree in the natural sciences or engineering who has sufficient training and experience in groundwater hydrology and related fields, as may be demonstrated by State registration, professional certification or completion of accredited university programs, to make sound professional judgments regarding groundwater monitoring, pollutant fate and transport, and corrective action.

Findings for Recordkeeping and Reporting:

The permittee provided bench sheets for pH. (See photo #1). The exact place the sample was taken is not provided on the bench sheet. The bench sheet lists "effluent" as location rather than the 6" Parshall Flume or discharge pipe at river. The exact location is needed to verify that the permittee is sampling at representative location. The permittee also failed to provide the exact date and time of the analysis. The date and time of analysis are needed to verify holding times. 40 CFR 136 requires that the pH be analyzed within 15 minutes of taking the sample. The bench sheet provides the name of the sampler, but does not provide the name of the individual who performed the analysis of the sample. These are all required under Part III, Section D.4.

The permittee did not have available any of the required Part IV, Section 2.4 records for 40 CFR 503. The permittee does have a ground water discharge permit with the New Mexico Environment Department, Ground Water Quality Bureau; however, these requirements do not meet the recordkeeping requirements found under Part IV. The permittee is required to keep these records for a minimum of five years.

The permittee's NPDES permit was issued in October 2012, with new loading requirements for E. coli which were based on a TMDL. These new requirements have led to confusion on the loading calculation for the operator. The permit requires that E. coli be sampled twice a month and a 30-day average loading calculation be provided on their monthly DMR. Mr. Hibdon was doing the calculation using the correct formula but was not doing the loading calculation for both samples taken during the month. Rather, Mr. Hibdon was taking the larger of the two calculations and reporting this as the 30 day average. Mr. Hibdon should calculate both samples using the formula provided and then take the average of the two.

Section C – Operations and Maintenance – Overall Rating of "Marginal"

The permit requires, in Part III, Section B.3, Proper Operation and Maintenance:

- a. *The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee as efficiently as possible and in a manner which will minimize upsets and discharges of excessive pollutants and will achieve compliance with conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of this permit.*

Findings for Operation and Maintenance:

On the date of this inspection, the Return Activated Sludge (RAS) pipe was clogged and the operator was in the process of getting it fixed.

An aerator pipe in part of the aeration basin was inoperable. The operator was in the process of fixing this as well.

The facility does not have procedures for emergency treatment controls established in any written document.

The rubber on the skimmer arm in the clarifier is still in disrepair. This needs to be replaced in order to properly skim the surface of debris.

The clarifier had noticeable grease and pin floc on the day of the inspection. This may be related to the RAS pipe being out of service.

Section D – Self-Monitoring - Overall Rating of “Marginal”

The permit requires, in Part III, Section C.5.:

- a. *Monitoring must be conducted according to test procedures approved under 40 CFR 136, unless other test procedures have been specified in this permit or approved by the Regional Administrator.*

Findings for Self-Monitoring:

In reviewing the bench sheets provided by the permittee, it was noted that the E. Coli sample collected on December 5, 2012 at 1300 hours was received by the contract laboratory, Hall Environmental Analysis Laboratory, on December 5, 2012 at approximately 1630 hours. The date of the analysis was stated to be December 6, 2012 at approximately 1750 hours. This is well over the holding time of eight hours as required by 40 CFR 136.

The pH bench sheet provided by the permittee has the time the sample was collected, but has neglected to provide the time of analysis. The analysis time is required to verify the fifteen minute holding time.

The permittee has also failed to preserve the composite samples during the six hour composite sampling event. The permittee stated that they ice the composited sample when they are sending it to the contract laboratory but do not keep the samples iced during compositing.

Section E – Flow Measurement – Overall Rating of “Marginal”

The permit requires, in Part III, Section C.6:

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated, and maintained to insure that the accuracy of the measurements is

consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 10% from true discharge rates throughout the range of expected discharge volumes.

Findings for Flow Measurement:

The permittee has the totalizer calibrated annually. However, during this inspection, the inspector did a spot check of the flow measurement with the staff gauge and the totalizing meter. At 1100 hours the staff gage was reading approximately .4 inches, totalizer .24. This is well below the 10% maximum deviation of the true discharge rate. The permittee does not do calibration checks after it has been calibrated by an outside representative (Yukon & Associates).

Section F – Laboratory – Overall Rating of “Marginal”

The permit requires, in Part III, Section C.5:

An adequate analytical quality control program, including the analyses of sufficient standards, spikes and duplicate samples to insure the accuracy of all required analytical results shall be maintained by the permittee or designated commercial laboratory.

Findings for Laboratory:

The permittee should do duplicate analyses with each batch of samples to determine precision. In general, 10 percent of the samples should be duplicated.

The precision of laboratory findings refers to the reproducibility or degree of agreement among replicate measurements of the same quantity. The closer the numerical values of the measurements come to each other, the more precise are the measurements. In a laboratory QC program, precision is determined by the analysis of actual samples in duplicate.

The permittee currently does not do duplicate samples.

Section H – Sludge Disposal – Overall Rating of “Unsatisfactory”

The permit requires, in Part IV, Sewage Sludge Requirements, Element II:

Page 11 – Requirements applying to all sewage sludge surface disposal

Page 15 – Requirements specific to surface disposal sites without a liner and leachate collection system.

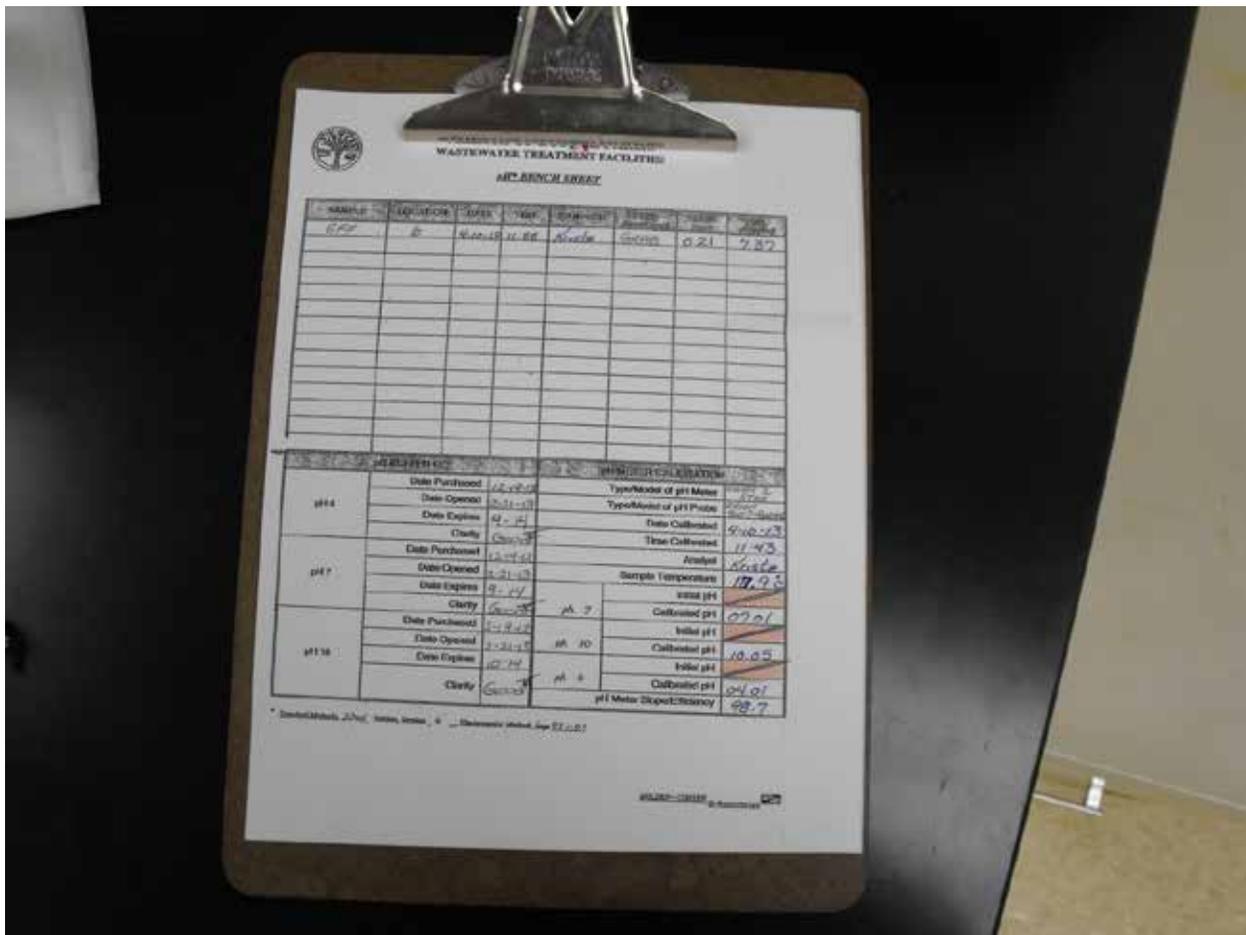
Findings for Sludge Disposal:

The permittee has a 240 acre lot that provides 20 acre parcels for sludge management through surface disposal. The permittee, however, is not familiar with Part IV of their permit and has neglected 40 CFR 503 regulations for surface disposal. The permittee has not done the necessary requirements as listed in Part IV for surface disposal nor has the permittee maintained any records of same. Again, the

permittee has a discharge permit with the New Mexico Environment Department, Ground Water Quality Bureau, but those requirements do not meet 40 CFR 503.

NMED/SWQB
Official Photograph Log
Photo # 1

Photographer: Daniel Valenta	Date: 04-11-2013	Time: 1120 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms Wastewater Treatment Plant		
Subject: pH Benchsheet		



NMED/SWQB
Official Photograph Log
Photo # 2

Photographer: Daniel Valenta	Date: 04-11-2013	Time: 1010 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms Wastewater Treatment Plant		
Subject: Clarifier – Noticeable grease		



NMED/SWQB
Official Photograph Log
Photo # 3

Photographer: Daniel Valenta	Date: 04-11-2013	Time: 1011 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms Wastewater Treatment Plant		
Subject: Clarifier – Noticeable grease / pin floc		



NMED/SWQB
Official Photograph Log
Photo # 4

Photographer: Daniel Valenta	Date: 04-11-2013	Time: 1011 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms Wastewater Treatment Plant		
Subject: Clarifier – broken rubber on skimmer arm		



NMED/SWQB
Official Photograph Log
Photo # 5

Photographer: Daniel Valenta	Date: 04-11-2013	Time: 1016 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms Wastewater Treatment Plant		
Subject: Aeration basin – broken diffused air pipe		



NMED/SWQB
Official Photograph Log
Photo # 6

Photographer: Daniel Valenta	Date: 04-11-2013	Time: 1247 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms Wastewater Treatment Plant		
Subject: Discharge pipe into Rio Grande in segment NMAC 20.6.4.105		

