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Governor  
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## NEW MEXICO ENVIRONMENT DEPARTMENT

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RYAN FLYNN  
Cabinet Secretary  
BUTCH TONGATE  
Deputy Secretary

### **Certified Mail - Return Receipt Requested**

February 10, 2014

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

**Re: Bosque Farms Wastewater Treatment Plant; Minor; Municipal Individual Permit; SIC 4952; Compliance Evaluation Inspection; NPDES Permit NM0030279; February 3, 2015**

Dear Mayor Knowlton:

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.

You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and advised to modify your operational and/or administrative procedures, as appropriate. If you have comments on or concerns with the basis for the findings in the NMED inspection report, please contact us (see the address below) in writing within 30 days from the date of this letter. Further you are encouraged to notify in writing both the USEPA and NMED regarding modifications and compliance schedules at the addresses below:

Racquel Douglas  
US Environmental Protection Agency, Region VI  
Enforcement Branch (6EN-WM)  
Fountain Place  
1445 Ross Avenue  
Dallas, Texas 75202-2733

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

If you have any questions about this inspection report, please contact Sandra Gabaldon at (505) 827-1041 or at [sandra.gabaldon@state.nm.us](mailto:sandra.gabaldon@state.nm.us).

Sincerely,

*/s/ Bruce J. Yurdin*

Bruce J. Yurdin  
Program Manager  
Point Source Regulation Section  
Surface Water Quality Bureau

cc: Rashida Bowlin, USEPA (6EN-AS) by e-mail  
Carol Peters-Wagnon, USEPA (6EN-WM) by e-mail  
Racquel Douglas, USEPA (6EN-WM) by e-mail  
Gladys Gooden-Jackson (6EN-WC) by e-mail  
Tung Tguyen, (6EN-WQ) by email  
NMED District I 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 3 0 2 7 9 11 12 1 5 0 2 0 3 17 18 C 19 S 20 1					
M I N O R M U N I C I P A L					
Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved	
67 0 0 1 69	70 3	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) BOSQUE FARMS WWTP – From 1-25 South, Exit Broadway Blvd/NM4 and continue to Bosque Farms. Turn west on 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 0920 Hours / February 3, 2015	Permit Effective Date October 01, 2012
	Exit Time/Date 1143 Hours / February 3, 2015	Permit Expiration Date October 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 The Honorable Robert "Bob" Knowlton, Mayor Post Office Box 600 Peralta, NM 87042	Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Outfall 001 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	U	Flow Measurement	M	Operations & Maintenance	N	CSO/SSO
U	Records/Reports	S	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
S	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
M	Effluent/Receiving Waters	M	Laboratory	N	Storm Water	N	Other:

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

Please see checklist and further explanations for details of findings

Name(s) and Signature(s) of Inspector(s) /s/ Sandra Gabaldon Sandra Gabaldon	Agency/Office/Telephone/Fax NMED/SWQB/(505) 827-1041/(505) 827-0610	Date 2-12-2015
Signature of Management QA Reviewer /s/ Michelle Lemon Michelle Lemon, Municipal Team Lead	Agency/Office/Phone and Fax Numbers NMED/SWQB/(505) 827-2819/(505) 827-0610	Date 2-12-2015

**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

PERMITEE 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 PERMITEE'S SELF-MONITORING REPORT?  Y  N  NA

SECTION E - FLOW MEASUREMENT

PERMITEE 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.  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

PERMITEE 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**  
**DATE OF INSPECTION: February 3, 2015**

Introduction:

On February 3, 2015, 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 0920 hours on February 3, 2015, the inspector conducted an entrance interview with Mr. Cliff Hibdon, Utilities Director, where credentials were presented and the purpose of the inspection was explained. An exit conference was again held with Mr. Hibdon at the treatment plant on February 3, 2015 at approximately 1143 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 design capacity will not increase and, therefore, no antidegradation study will be required of this plant.

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.

Ultraviolet (UV) light is used for disinfection. Two banks with four 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 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. However, the Drexelbrook ultrasonic flow meter has been out of order since approximately August of 2014. The permittee is taking instantaneous flow readings. The permit requires "continuous, totalizer" readings.

#### 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 Dallis 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 II, Section E. Pollution Prevention Plan:

*The permittee shall institute a program within 12 months of the effective date of the permit (or continue an existing one) directed towards optimizing the efficiency and extending the useful life of the facility. The permittee shall consider the following items in the program:*

- a. The influent loading, flow and design capacity;*
- b. The effluent quality and plant performance;*
- c. The age and expected life of the wastewater treatment facility's equipment;*
- d. Bypasses and overflows of the tributary sewerage system and treatment works;*
- e. New develops at the facility;*
- f. Operator certification and training plans and status;*
- g. The financial status of the facility;*
- h. Preventative maintenance programs and equipment conditions and;*
- i. An overall evaluation of conditions at the facility.*

The permit requires in Part III. D. Reporting requirements:

Discharge Monitoring Reports and Other Reports:

*Monitoring results must be reported to EPA on either the electronic or paper Discharge Monitoring Report (DMR) approved formats. Monitoring results can be submitted electronically in lieu of the paper DMR Form. To submit electronically, access the NetDMR website at [www.epa.gov/netdmr](http://www.epa.gov/netdmr) and contact the R6NetDMR.epa.gov in box for further instructions.*

### Findings for Recordkeeping and Reporting:

The permittee provided a sample bench sheet 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 a representative location. 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 required under Part III, Section D.4.

The permittee did not provide a pollution prevention plan during this inspection. He stated that he was unaware of the requirements of this part of the permit. He also stated that he would complete this as soon as possible.

The permittee did not have an inventory list available for review. Mr. Hibdon stated that they have a large inventory of spare parts, but do not have a written inventory list.

The permittee has had an inoperable flow meter since approximately August, 2014. Because of this, their effluent loading calculations are not accurate. The permittee is required to use the flow on the day the sample was taken. The permittee is using the instantaneous flow reading rather than the totalized flow reading as required by the permit. Mr. Hibdon stated that they will be able to get the totalized meter replaced in July, 2015, when the new fiscal year begins.

The permittee has not contacted Region 6 NetDMR to start submitting DMRs electronically. EPA has asked that all permittees begin submitting DMRs electronically. Currently, the permittee is submitting paper DMRs to both EPA and NMED. The inspector asked Mr. Hibdon to contact Region 6 NetDMR to get approval to start submitting electronic DMRs.

Biomonitoring was completed in 2014. However, the last DMR submitted to NMED was in 2012. The permittee should submit their biomonitoring DMR as soon as possible to NMED and to EPA, if that has not been completed.

### 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:

The facility does have procedures for emergency treatment controls established in any written document. However, the document is “locked in a safe, and only two people have access”. It is unclear to the inspectors why this document is locked in a safe. It would be beneficial for the staff to know all procedures when dealing with any emergency situation. Training, which is part of the pollution prevention plan, may also be warranted for other employees of the WWTP.

The facility has no written inventory. Although the Mr. Hibdon said they do have a vast spare parts inventory, there is nothing provided in writing to verify this.

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. **This is a repeat finding.**

The clarifier had noticeable grease and pin floc on the day of the inspection.

When asked to pull a sludge reading using the sludge judge, it was noted that there was approximately 4.5 feet of sludge and it was not settling well. The permittee provided settleability worksheets and it was noted that the sludge was rather young, which produces a cloudy supernatant. This was noted on their settleometer bench sheets.

There were noticeable suspended particles entering the UV system. Suspended particles will have a tendency to shield the microorganisms entering the system and protect them from the destructive effects of the UV system, thus, inadequately treating the effluent.

### Findings for Self-Monitoring:

#### Section E – Flow Measurement – Overall Rating of “Unsatisfactory”

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 is required to have a continuous measurement of a totalizing meter for their 30-day average flow and their 7-day average flow. Mr. Hibdon stated that the totalizing meter has **not** functioned since August, 2014.

## 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.



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

Photographer: Daniel Valenta	Date: 02-03-2015	Time: 1020 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms Wastewater Treatment Plant		
Subject: Settleability Test Bench Sheet.		


**VILLAGE OF BOSQUE FARMS**  
**WASTEWATER TREATMENT FACILITIES**  
**SETTLEABILITY TEST BENCH SHEET**

SETTLEABILITY DATA	
TIME	SETTLED SLUDGE (mL)
5	950 <i>08:30</i>
10	900 <i>08:35</i>
15	850 <i>08:40</i>
20	770 <i>08:45</i>
25	700 <i>08:50</i>
30	640 <i>08:55</i>
<i>Lo</i>	<i>460 09:25</i>

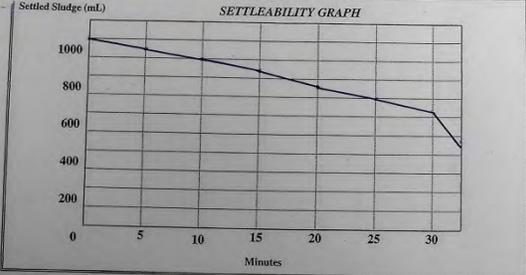
SAMPLE DATA	
DATE	01-07-2015
TIME	08:15
BY	Kevin
LOCATION	AD 7

TEST DATA	
DATE	01-07-2015
TIME	08:25
BY	Kevin
PROCEDURE USED	STD. - METHODS

TEMPERATURE after 5 min. : *12°C / 53.6°F*

Settled Sludge (mL)

**SETTLEABILITY GRAPH**



Supernatant: *Semi cloudy* SVI: \_\_\_\_\_

Notes: *supernatant semi cloudy - oil scum on Top -*  
*no visible solids floating*

SUPPLIES NEEDED:  
 4 - Soap  
 4 - 1/2 Gallon  
 2 - 1 Gallon  
 2 - 1 Gallon  
 2 - 1 Gallon  
 ATTN: CLIFF 417-6092  
 Valencia 401-1312

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

Photographer: Daniel Valenta	Date: 02-03-2015	Time: 0950 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms Wastewater Treatment Plant		
Subject: Clarifier – Skimmer arm needs rubber to touch ring. Pin floc, grease on surface of clarifier.		



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

Photographer: Daniel Valenta	Date: 02-03-2015	Time: 1000 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms WWTP		
Subject: Sludge Judge approximately 4.5 feet.		



**NMED/SWQB**  
**Official Photograph Log**  
**Photo # 5**

Photographer: Daniel Valenta	Date: 02-03-2015	Time: 1016 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms Wastewater Treatment Plant		
Subject: Bar screen at entrance of effluent channel		



**NMED/SWQB**  
**Official Photograph Log**  
**Photo # 6**

Photographer: Daniel Valenta	Date: 04-11-2013	Time: 1020 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms Wastewater Treatment Plant		
Subject: Solids in effluent parshall flume		



**NMED/SWQB**  
**Official Photograph Log**  
**Photo # 7**

Photographer: Daniel Valenta	Date: 02-03-2014	Time: 1127 Hours
City/County: Bosque Farms / Valencia		State: New Mexico
Location: Bosque Farms Wastewater Treatment Plant		
Subject: Effluent Pipe @ Rio Grande		

