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BUTCH TONGATE  
Deputy Secretary

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

**Certified Mail - Return Receipt Requested**

March 9, 2012

Mr. Jim Blasing  
Public Works Director  
City of Los Lunas  
660 Main Street  
Los Lunas, NM 87031

**RE: Minor Municipal, SIC 4952, NPDES Compliance Evaluation Inspection, Los Lunas  
Wastewater Treatment Plant, NM0020303, February 21, 2012**

Dear Blasing:

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,  
*/s/Sandra Gabaldón*

Sandra Gabaldón  
Surface Water Quality Bureau

Cc: Marcia Gail Adams, 6EN-AS, via email  
Stacy Bennett-Dwyer, 6EN-AS, via email  
Carol Peters-Wagnon, 6EN-WM, via email  
Sonia Hall and Hannah Branning, USEPA (6EN-WC) via e-mail  
Larry Giglio, 6W-QPP, via email  
Diana McDonald, 6EN-WM, via email  
District I, 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   N   2   5   3	N	M	0	0	2	0	3	0	3	11	12	1	2	0	2	2	1	17	18	C	19	S	20	1
Remarks																								
M I N O R M U N I C I P A L																								
Inspection Work Days					Facility Evaluation Rating					BI	QA	Reserved												
67					70	3				71	N	72	N	73					74					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) <b>Los Lunas Wastewater Treatment Plant</b> I-25 South to Los Lunas exit, left on Main St., to Carson Drive, right onto Carson Drive, Left on Castillo, then right on Heaton Loop. Plant is on the left side. <b>VALENCIA COUNTY</b>	Entry Time /Date 1245 Hours / 02-21-2012	Permit Effective Date July 1, 2007
	Exit Time/Date 1545 Hours / 02-21-2012	Permit Expiration Date June 30, 2012
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Mike Sanchez, Supervisor (505) 865-9016 sanchezmi@loslunasnm.gov	Other Facility Data GPS: N. 34.78357 W. -106.73338 SIC: 4952	
Name, Address of Responsible Official/Title/Phone and Fax Number Jim Blasing, Public Works Director 660 Main Street, NW Los Lunas, NM 87031	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
M	Records/Reports	S	Self-Monitoring Program	S	Sludge Handling/Disposal	N	Pollution Prevention
S	Facility Site Review	S	Compliance Schedules	N	Pretreatment	N	Multimedia
S	Effluent/Receiving Waters	S	Laboratory	N	Storm Water		Other:

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

1. Please see further explanations for details of inspection.

Name(s) and Signature(s) of Inspector(s) Sandra Gabaldón /s/ Sandra Gabaldón	Agency/Office/Telephone/Fax (505) 827-1041 /827-0160	Date March 9, 2012
Signature of Management QA Reviewer Richard E. Powell /s/ Richard E. Powell	Agency/Office/Phone and Fax Numbers (505) 827-2798 / (505) 827-0160	Date March 9, 2012

## 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. **Please see DMR calculation checks in further explanation section.** 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  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 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 90° V-notch Weir

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 YES.)  
 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. 10 % OF THE TIME.  Y  N  NA
- 7. COMMERCIAL LABORATORY USED.  Y  N  NA

LAB NAME Department of Health, State of New Mexico  
 LAB ADDRESS 700 Camino de Salud, N.E.: Albuquerque, NM 87196-4700  
 PARAMETERS PERFORMED E. coli

**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	None	None	None	None	None	Clear	

RECEIVING WATER OBSERVATIONS

**SECTION H - SLUDGE DISPOSAL**

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

- 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: Land application (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

**Compliance Evaluation Inspection  
Los Lunas Wastewater Treatment Plant  
NPDES Permit No. NM0020303  
Date of Inspection: February 21, 2012**

**INTRODUCTION**

A Compliance Evaluation Inspection (CEI) was conducted at the Los Lunas Wastewater Treatment Plant (WWTP) on February 21, 2012 by Sandra Gabaldón of the State of New Mexico Environment Department (NMED), Surface Water Quality Bureau (SWQB). This facility is a minor discharger classified under the federal Clean Water Act (CWA), Section 402 National Pollutant Discharge Elimination System (NPDES) permit program, and is assigned NPDES permit number NM0020303. The facility design flow is 0.9 million gallons per day (MGD), according to the permit. However, a new application for permit renewal has been submitted and states new design capacity is 2.7 MGD.

The Los Lunas Wastewater Treatment Plant discharges into the Rio Grande Basin in Segment 20.6.4.105 (NMAC State of New Mexico Standards for Interstate and Intrastate Surface Waters). Designated uses of segment 20.6.4.105 are irrigation, marginal warmwater aquatic life, livestock watering, public water supply, wildlife habitat and primary contact.

The inspector arrived at Los Lunas WWTP at 1245 hours and conducted an entrance interview with Mr. Rueben Moreno, Operator. Mr. Moreno called Mike Sanchez, Supervisor. The inspector made introductions, presented her credentials and discussed the purpose of the inspection with Mr. Moreno and Mr. Sanchez. An exit conference was conducted with Mr. Sanchez and Mr. Moreno at the WWTP from approximately 1530 hours to 1545 hours.

The NMED performs a specific number of CEI's annually for the United States Environmental Protection Agency (USEPA). The purpose of this inspection is to provide the USEPA with information to evaluate the permittee's compliance with their NPDES permit. The enclosed inspection report is based on verbal information supplied by the permittee's representatives, observations made by Ms. Gabaldón, and a review of records maintained by the permittee, commercial laboratory, and/or NMED. Findings of the inspection are detailed in the attached EPA form 3560-3 and in the narrative further explanations section of the report.

**TREATMENT SCHEME**

The Los Lunas WWTP serves a population of approximately 15,000. Currently, the treatment plant design flow is 0.9 MGD. However, this design capacity has increased

significantly with the addition of the Membrane Bioreactor (MBR) system. The new system consists of a design capacity of 2.7 MGD.

The MBR consists of an entrance works, two anoxic zones (north and south), two pre-aeration basins (north and south) and four MBR basins (N1, N2, S1, S2) with a UV disinfection system. The effluent exits the MBR and flows along a pipe that then enters a blending box to be blended with effluent from the activated sludge plant prior to discharge in a 16" pipe to the Rio Grande.

The activated sludge plant consists of an entrance works with grit tank, two aeration basins (east, west), two secondary clarifiers and UV disinfection.

### **SLUDGE MANAGEMENT**

Sludge is thickened on a gravity belt thickener and then pumped to an aerobic digester. Final sludge disposal is land application.

Compliance Evaluation Inspection  
Los Lunas Wastewater Treatment Plant  
NPDES Permit No. NM0020303  
February 21, 2012

**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 Evaluation – Overall Rating of “Marginal”**

Permit requires in Part III, Section.C.3:

The permittee shall retain records of all monitoring information, including all calibration, maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for the permit, for a period of at least three years from the date of the sample, measurement, report, or application.

**Findings** – Recordkeeping and Reporting:

The permittee provided benchsheets for all parameters taken at the wastewater treatment plant. These records included the commercial laboratory benchsheets along with the chain of custody records. On April 7, 2011, the operator relinquished two samples at 0805 hours. However, there is no signature as to who the samples were transferred to. The operator must ensure that samples are transferred and relinquished to appropriate staff and the chain of custody is filled out completely.

**Section F – Laboratory – Overall rating of “Satisfactory”**

Permit requires in Part III, Section C.5.b :

- b. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instruments at intervals frequent enough to insure accuracy of measurements and shall maintain appropriate records of such activities.

**Findings** – Laboratory: The permittee did not have NIST thermometers on site for verification of temperatures as needed. The operator stated that he sent the thermometers to be calibrated, and expected them back in a week or so. It is required that the permittee maintain at least one thermometer onsite for verification purposes.

## **DISCHARGE MONITORING CALCULATION CHECK**

**JANUARY 2010**

**E. coli**

Sample Dates:	01/26/2010	01/27/2010	01/27/10	Data reported on DMR
<b>E. coli (#100ml)</b>	128.1	161.6	79.4	
Daily Max	161.6			162✓
30-day Average: Log of colonies per 100 mL Add all logs and divide by number of samples. Geometric Mean is antilog.	$\text{Log (128) + Log (162) + Log (79) = 2.107 + 2.210 + 1.900 / 3 = 2.072}$ $\text{Antilog of 2.072 = 118.03}$			118✓

✓Calculations match that of the inspector.

**BOD**

Sample Date:	Daily Flow (MGD)	BOD (mg/l)	Calculated Daily Load
01/13/2010	.82	7.30	$(.89) (7.30) (8.34) = 54.18$
01/14/2010	.77	19.6	$(.77) (19.6) (8.34) = 125.87$
01/29/2010	.87	5.48	$(.87) (5.48) (8.34) = 39.76$
Calculated Monthly Average (Loading):	$54.18 + 125.87 + 39.76 = 113.54 / 3 = 73.27 \text{ lbs/d}^*$		
Calculated Monthly Average (Conc.):	$7.30 + 19.6 + 5.48 = 10.79 \text{ mg/L}^*$		
Reported on DMR	7-D average conc. = 7.3 mg/L 30-D average conc. = 6.39 mg/L 7-D average loading = 49.92 lbs/d 30-D average loading = 43.47 lbs/d		

\*The permittee did not report the results from 01/14/2010, although two of the three GGA's were within range. The results should still be reported with a comment indicating that one GGA was out of the range control (198 +/- 30). Because of this, the results calculated by the inspector are different from that of the permittee.

**TSS**

Sample Date:	Daily Flow (MGD)	TSS (mg/l)	Calculated Daily Load
01/12/2012	.82	28.4	$(.82) (28.4) (8.34) = 194.22$
01/13/2012	.89	114.0	$(.89) (114) (8.34) = 846.18$
01/21/2012	.99	127.5	$(.99) (127.5) (8.34) = 1052.72$
01/28/2012	.81	9.7	$(.81) (9.7) (8.34) = 65.53$
Calculated Monthly Average (Loading):	$194.22 + 846.18 + 1052.72 + 65.53 / 4 = 539.66 \text{ lbs/d}$		

Calculated Monthly Average (Conc.)	$28.4 + 114.0 + 127.5 + 9.7 / 4 = 69.9 \text{ mg/L}$
Reported on DMR	7-D average conc. = 128 ✓ 30-D average conc. = 70.00 ✓ 7-D average loading = 1056.84** 30-D average loading = 540.69**

\*7-d and 30-d average loading does not match that of what was calculated by the inspector.

✓ Calculations match that of the inspector.

**APRIL 2011**

**E.COLI**

Sample Dates:	04/07/2011	04/07/2011	04/28/2011	Data reported on DMR
<b>E. coli (#100ml)</b>	18.5	15.6	2987	
Daily Max	2987			2987✓
30-day Average: Log of colonies per 100 mL Add all logs and divide by number of samples. Geometric Mean is antilog.	$\text{Log (18.5) + Log (15.6) + Log (2987) =}$ $1.27 + 1.19 + 3.48 / 3 = 1.98$ $\text{Antilog of 1.98 = 95.50*}$			97*

\*Geometric Mean 30-D average reported on DMR was 97, calculated 30-d geometric mean by the inspector is 95.50.

**BOD**

Sample Date:	Daily Flow (MGD)	BOD (mg/l)	Calculated Daily Load
04/07/2011	.41	2.83	$(.41) (2.83) (8.34) = 9.68$
04/14/2011	.45	2.41	$(.45) (2.41) (8.34) = 9.04$
Calculated Monthly Average (Loading):	$9.68 + 9.04 = 18.72 / 2 = 9.36$		
Calculated Monthly Average (Conc.):	$2.83 + 2.41 = 5.24 / 2 = 2.62$		
Reported on DMR	30-D Average Loading = 21.48 lbs/d* 7-D average loading = 22.66 lbs/d* 30-D Average Concentration = 2.62 mg/L✓ 7-D average concentration 2.83 mg/L✓		

\* 30-D Average loading calculated by the inspector was 9.36 lbs/d. 7-D average loading calculated by the inspector was 9.68 lbs/d.

✓ Calculations match that of the inspector.

**TSS**

Sample Date:	Daily Flow (MGD)	TSS (mg/l)	Calculated Daily Load
04/06/2011	.36	3.7	$(.36) (3.7) (8.34) = 11.11$
04/13/2011	.43	2.23	$(.43) (2.23) (8.34) = 8.00$
Calculated Monthly Average (Loading):	$11.11 + 8.00 = 19.11 / 2 = 9.56 \text{ lbs/d}$		

Calculated Monthly Average (Conc.)	$3.7 + 2.23 = 5.93 / 2 = 2.97 \text{ mg/L}$
Reported on DMR	7-D average conc. = 3.65 mg/L* 30-D average conc. = 2.94 mg/L* 7-D average loading = 29.22 lbs/d* 30-D average loading = 24.0 lbs/d*

\*Calculations do not match that of the inspector. There is a question as to the information provided by the permittee. Some data may have been missing from the information requested for the month of April 2011.