



SUSANA MARTINEZ
Governor
JOHN A. SANCHEZ
Lt. Governor

NEW MEXICO ENVIRONMENT DEPARTMENT

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



BUTCH TONGATE
Acting Cabinet Secretary
J. C. Borrego
Acting Deputy Secretary

Certified Mail - Return Receipt Requested

September 9, 2016

Honorable Jennifer Gallegos, Mayor
Village of Chama
299 West 4th Street/P.O. Box 794
Chama, NM 87520

Re: Village of Chama Oxidation Ditch Wastewater Treatment Plant; Construction Stormwater; SIC 1542; NPDES Compliance Evaluation Inspection; NPDES #NMU001919; August 10, 2016

Dear Mayor Gallegos:

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:

David Long
NPDES Industrial & Municipal Section
US Environmental Protection Agency, Region 6
1445 Ross Ave, Suite 1200 (Mailcode: 6EN-WM)
Dallas, Texas 75202-2733

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

Village of Chama Oxidation Ditch Wastewater Treatment Plant

September 9, 2016

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If you have any questions about this inspection report, please contact Jennifer Foote at (505)827-0596 or at Jennifer.Foote@state.nm.us.

Sincerely,

/s/ Sarah Holcomb

Sarah Holcomb
Acting Program Manager
Point Source Regulation Section
Surface Water Quality Bureau

cc: Carol Peters-Wagnon, USEPA (6EN-WM) by e-mail
David Long, USEPA (6EN-WM) by e-mail
Gladys Gooden-Jackson, USEPA (6EN-WC) by e-mail
Robert Houston, USEPA, by e-mail
Robert Italiano, NMED District II, by e-mail
Jennifer Gallegos, Village of Chama
Mitchell McGuire, RMCI, by e-mail
Russ Collins, RMCI, by e-mail
Phillip Johnson, RMCI, by 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 U 0 0 1 9 1 9 11 12 1 6 0 8 1 0 17 18 }				19 S 20 1	
Remarks					
C O N S T R U C T I O N > 1 A C R E S					
Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved	
67 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) Village of Chama Oxidation Ditch Wastewater Treatment Plant 107 Cottonwood Drive, Chama NM 87520	Entry Time /Date 8/10/16 1:00	Permit Effective Date none
	Exit Time/Date 8/10/16 2:40	Permit Expiration Date none
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Shawn Kirkpatrick, Superintendent, 505-345-0008 Mitch McGuire, Superintendent, 505-975-9526	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number Honorable Jennifer Gallegos, Mayor Village of Chama 299 West 4th Street/P.O. Box 794 Chama, NM 87520	Not available	Latitude 36.8774 Longitude 106.5903 SIC 1542
Contacted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Section C: Areas Evaluated During Inspection

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

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

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

1. The inspectors arrived on site at approximately 1:00 PM on August 10, 2016 and made introductions, Ms. Barbara Cooney presented credentials and explained the purpose of the inspection to Mr. Shawn Kilpatrick and Mr. Mitch McGuire, Project superintendents for RMCI, the general contractor and entity overseeing the day to day activities.

An exit interview was conducted with Mr. Kilpatrick and Mr. McGuire. Ms Jennifer Gallegos, Village of Chama Mayor was unavailable. Additional information was received from RMCI (updated SWPPP) that has been incorporated into this inspection report.

2. Please see checklist for further information.

Name(s) and Signature(s) of Inspector(s) Jennifer Foote /s/Jennifer Foote	Agency/Office/Telephone/Fax NMED/SWQB	Date 9/9/16
Signature of Management QA Reviewer Sarah Holcomb /s/ Sarah Holcomb	Agency/Office/Phone and Fax Numbers NMED/SWQB	Date 9/9/16

Industrial Storm Water Worksheet (Construction) – State of New Mexico

National Database Information		General	
Inspection Type	CEI	Inspector Name	Jennifer Foote
NPDES ID Number	NMR12BG89/NMU001919	Telephone	505-827-0596
Inspection Date	8/10/16	Entry Time	1:00pm
Inspector Type (check one)	<input type="checkbox"/> EPA <input checked="" type="checkbox"/> State <input type="checkbox"/> EPA Oversight	Exit Time	2:40pm
Facility Type (check one)	<input type="checkbox"/> Commercial / <input type="checkbox"/> Residential / <input checked="" type="checkbox"/> Municipal / <input type="checkbox"/> Industrial	Signature	/s/Jennifer Foote

Facility Location Information			
Name/Location/Mailing Address	Village of Chama Oxidation Ditch Wastewater Treatment Plant 107 Cottonwood Drive, Chama NM 87520		
Coordinates	Latitude	N 36.8774	Longitude E 106.5903
Receiving Waters	Rio Chamita		
Disturbed Area	4 ac	Start/Stop Dates	4/25/16 to 11/30/17

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator	RMCI, Inc.-Day to Day Operator	505-345-0008
	Village of Chama- Owner	575- 756-2184
Facility Contact	Phillip A Johnson, RMCI Shawn Kirkpatrick, RMCI	505-345-0008
Authorized Official(s)	Rex Davis-President Jennifer Gallegos- Mayor	505-345-0008 575- 756-2184

Site Information: <i>check all that apply</i>							
Nature of Project	<input type="checkbox"/> Residential	<input checked="" type="checkbox"/> Commercial / Industrial	<input type="checkbox"/> Roadway	<input type="checkbox"/> Private	<input type="checkbox"/> Federal	<input checked="" type="checkbox"/> State / Municipal	<input type="checkbox"/> Other
Construction Stage	<input type="checkbox"/> Clearing / Grubbing	<input type="checkbox"/> Rough Grading	<input checked="" type="checkbox"/> Infrastructure	<input checked="" type="checkbox"/> Building (Vertical)	<input type="checkbox"/> Final Grading	<input type="checkbox"/> Final Stabilization	

Basic Permit Information			Basic SWPPP Information		
Permit Coverage	<input checked="" type="checkbox"/> Y RMCI	<input checked="" type="checkbox"/> N Village of Chama	SWPPP Prepared & Available? <i>Part 7.1.1, 7.2.1</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Permit Type	<input checked="" type="checkbox"/> General	<input type="checkbox"/> Individual	SWPPP Contents Satisfactory?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Notice Posted (visible, font large, NPDES Permit tracking#, contact name & phone #) <i>Part 1.5</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	SWPPP Implementation Satisfactory?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
NOI Date	4/4/16 (RMCI)	None (Village of Chama)	SWPPP Date	8-11-16	
Is NOI Satisfactory?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N			

Additional Facility and Inspection Information <i>(optional)</i>
RMCI provided a copy of the updated SWPPP on 8/15/16.

Industrial Storm Water Worksheet (Construction) – State of New Mexico

SWPPP Review <i>(can be completed in office)</i>			
General	Notes:		
SWPPP Signed/Certified. Did all operators sign/certify the SWPPP? <i>Part 7.2.15, Appendix I.11</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	No certification page in SWPPP at time of inspection. RMCI amended plan and certified on 8/11/16. Village of Chama has no permit and did not certify plan.
SWPPP completed prior to NOI? <i>Part 7.1.1, Part 1.2.1</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	Unknown, plan was completed but not dated. RMCI amended plan and certified on 8/11/16.
Endangered Species Act. Does SWPPP include documentation supporting determination? <i>Part 7.2.14.1; Part 1.1.e, Appendix D</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	Letter from USFWS states there are no critical habitats within the project area, however there may be species present.
Historic Properties. Does SWPPP include documentation supporting determination? <i>Part 7.2.14.2, Appendix E</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Plan only states none are present.
If applicable, documents contact with agency or office responsible for implementing Safe Drinking Water Act <u>underground injection control well(s)</u>? <i>Part 7.2.14.3, 40 CFR Parts 144 -147</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
Post-Authorization Additions. Does SWPPP include: ➤ Copy of acknowledgement letter Y/N ➤ Copy of NOI Y/N ➤ Copy of permit Y/ N <i>Part 7.2.16.3</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
If applicable, SWPPP describes compliance with any case-by-case basis USEPA imposed water quality-based effluent limitation requirements? <i>Part 3</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
If discharge to an impaired water, includes records of all data used to complete NOI: ➤ List of all impaired waters Y/N ➤ Pollutant(s) for which the surface water is impaired Y/N ➤ Whether a TMDL has been approved or established Y/N <i>Part 3.2.1, Appendix I.15</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
Required SWPPP modifications completed? ➤ Completed w/7 days Y/N ➤ Maintains modification records showing dates, name of person authorizing change and summary Y/N ➤ Signed/Certified Y/N ➤ Immediately notified other operators Y/N <i>Parts 7.4, 5.2.2, Appendix I.11.b</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Records Retention. Have copies of inspection reports/all other documentation been retained as part of the SWPPP for 3 years from date permit coverage expires or is terminated? <i>Parts 4.1.7, 5.4.4, Appendix I.10.2, I.15</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a

Industrial Storm Water Worksheet (Construction) – State of New Mexico

Team & Activity Description	Notes:		
<p>Identifies stormwater team personnel and responsibilities?</p> <ul style="list-style-type: none"> ➤ Personnel (by name or position) Y/N ➤ Individual responsibilities Y/N <p><i>Part 7.2.1</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Is staff training documented?</p> <ul style="list-style-type: none"> ➤ Training occurs prior to the commencement of earth-disturbing activities or pollutant-generating activities, whichever occurs first Y/N ➤ Ensures following understand the requirements of this permit and their specific responsibilities: <ul style="list-style-type: none"> ○ Personnel responsible for the design, installation, maintenance, and/or repair of controls/measures Y/N ○ Personnel responsible for the application and storage of treatment chemicals Y/N ○ Personnel responsible for conducting inspections Y/N ○ Personnel responsible for taking corrective actions Y/N ➤ At a minimum, training includes: <ul style="list-style-type: none"> ○ Location of all stormwater controls on the site required by this permit, and how maintained Y/N ○ Proper procedures to follow with respect to the permit's pollution prevention requirements Y/N ○ When and how to conduct inspections, record applicable findings, and take corrective actions Y/N <p><i>Parts 7.2.13, 6 and permit notes for emergency-related construction activities</i></p>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<p>General inspector and SWPP training and certifications documented.</p> <p>No documentation of training on location of stormwater controls. SWPPP was amended to included documentation of site specific training on 8/11/16.</p>
<p>Describes nature of construction activities?</p> <ul style="list-style-type: none"> ➤ Size of the property Y/N ➤ Total area to be disturbed Y/N ➤ Construction support activity areas Y/N ➤ Maximum area to be disturbed at any one time Y/N <p><i>Part 7.2.2</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>If applicable, documents emergency-related projects?</p> <ul style="list-style-type: none"> ➤ Cause of public emergency (e.g., natural disaster, extreme flooding conditions, etc.) Y/N ➤ Info substantiating occurrence (e.g., state disaster declaration or similar state or local declaration) Y/N ➤ Description of the construction necessary to reestablish effected public services Y/N <p><i>Parts 7.2.3, 1.2</i></p>	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
<p>Identifies (lists) other site operators and areas of site over which each has control?</p> <ul style="list-style-type: none"> ➤ List and areas of site over which each has control Y/N <p><i>Part 7.2.4</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	

Industrial Storm Water Worksheet (Construction) – State of New Mexico

<p>Describes sequence, estimated dates (departures) and duration of construction activities?</p> <ul style="list-style-type: none"> ➤ Installation of control measures when operational Y/N ➤ Commencement/duration clearing & grubbing, mass grading, site preparation (excavating, cutting & filling), final grading, and creation of soil & vegetation stockpiles Y/N ➤ Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of site Y/N ➤ Final/temporary stabilization areas of exposed soil Y/N ➤ Removal of temporary stormwater conveyances/channels and other stormwater control measures Y/N ➤ Removal of construction equipment and vehicles Y/N <p><i>Part 7.2.5</i></p>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<p>Schedule did not include information on dates of seeding.</p>
Site Map		Notes:	
<p>Includes legible site map(s)?</p> <p><i>Part 7.2.6</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Boundaries of the property Y/N ➤ Locations construction activities will occur Y/N ➤ Locations earth-disturbing activities will occur (note any phasing) Y/N ➤ Approximate slopes before and after major grading (note steep slopes) Y/N ➤ Locations sediment, soil, or materials will be stockpiled Y/N ➤ Locations of crossings of surface waters Y/N ➤ Designated points vehicles exit onto paved roads Y/N ➤ Locations of structures/impervious surfaces upon completion Y/N ➤ Locations of construction support activity areas Y/N <p><i>Part 7.2.6.1</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Locations of surface waters/wetlands, within or in immediate vicinity Y/N ➤ Indicates waters listed as impaired, and Tier 2, Tier 2.5, or Tier 3 Y/N <p><i>Part 7.2.6.2</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Boundary lines of natural buffers <p><i>Parts 7.2.6.3, 2.1.2.1a</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Areas of federally-listed critical habitat for endangered or threatened species <p><i>Part 7.2.6.4</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Topography Y/N ➤ Existing vegetative cover Y/N ➤ Drainage pattern of stormwater/authorized non-stormwater flow onto, over, and from site <u>before and after</u> major grading Y/N <p><i>Part 7.2.6.5</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	

Industrial Storm Water Worksheet (Construction) – State of New Mexico

<ul style="list-style-type: none"> ➤ Stormwater and allowable non-stormwater discharge locations Y/N ➤ Locations of storm drain inlets on site and immediate vicinity Y/N ➤ Locations stormwater or allowable non-stormwater will be discharged to surface waters (including wetlands) on or near site Y/N <p><i>Part 7.2.6.6</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Locations of potential pollutant-generating activities <p><i>Part 7.2.6.7, Part 7.2.7</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Locations of control measures <p><i>Part 7.2.6.8</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Locations polymers, flocculants, or treatment chemicals will be used/stored <p><i>Part 7.2.6.9</i></p>	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a
Construction Site Pollutants		Notes:	
<p>Includes pollutant-generating activities list and description?</p> <p><i>Part 7.2.7.1</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Includes inventory of pollutants or constituents?</p> <ul style="list-style-type: none"> ➤ Inventory Y/N ➤ Potential spills/leaks Y/N ➤ Departures from manufacturer's specifications for applying fertilizers containing nitrogen & phosphorus Y/N <p><i>Parts 7.2.7.2, 2.3.5.1</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Identifies all sources of allowable non-stormwater discharges?</p> <p><i>Parts 7.2.8, 1.3.d</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	Water from dewatering does not leave site and is discharged to onsite pond.
<p>If required (surface water within 50 feet of earth disturbance), documents and describes <u>buffer compliance alternative</u> selected?</p> <ul style="list-style-type: none"> ➤ Ensures that all discharges from the area of earth disturbance to the natural buffer are first treated by the site's erosion and sediment controls Y/N/NA ➤ Uses velocity dissipation devices, if necessary Y/N/NA ➤ Documents natural buffer width Y/N/NA ➤ Delineates, and clearly marks off, with flags, tape, or other similar marking device all natural buffer areas Y/N/NA ➤ Documents erosion and sediment control(s) used to achieve an equivalent sediment reduction Y/N/NA ➤ Documents any information relied upon to demonstrate equivalency Y/N/NA <p><i>Parts 7.2.9, 2.1.2, Appendix G</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	Section 9 states no surface water within 50 feet of earth disturbance, site maps include a buffer map.

Industrial Storm Water Worksheet (Construction) – State of New Mexico

<p>As applicable, describes and documents <u>buffer exceptions</u>?</p> <ul style="list-style-type: none"> ➤ Describes rationale/why infeasible to provide and maintain an undisturbed natural buffer of any size Y/N/NA ➤ For linear project, describes buffer width retained and supplemental controls installed Y/N/NA ➤ Small residential lot options Y/N/NA ➤ Documents CWA Section 404 Permit, water-dependent structure/access disturbances Y/N <p><i>Parts 7.2.9; 2.1.2.1e, Appendix G</i></p>	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
All Stormwater Control Measures		Notes:	
<p>Describes each measure?</p> <ul style="list-style-type: none"> ➤ Type of measure to be installed and maintained, including design information Y/N ➤ Specific sediment controls installed and made operational prior to conducting earth-disturbing activities Y/N ➤ For exit points, stabilization techniques and any additional controls planned to remove sediment prior to vehicle exit Y/N ➤ For linear projects (if applicable), where/why it has been determined that the use of perimeter controls is practicable Y/N <p><i>Part 7.2.10.1</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Erosion and Sediment Controls		Notes:	
<p>Minimizes <u>area of disturbance</u>?</p> <p><i>Part 2.1.1.1</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Describes erosion and sediment control <u>design requirements</u>?</p> <ul style="list-style-type: none"> ➤ Accounts for expected amount, frequency, intensity, duration of precipitation Y/N ➤ Accounts for nature of run-on and run-off (channelized peak flow rates & total volume at outlet) Y/N ➤ Accounts for range of soil particle sizes (distribution, erosivity and cohesiveness) Y/N ➤ Directs discharge to vegetated areas to increase sediment removal and infiltration unless infeasible Y/N/NA ➤ Uses velocity dissipation, if necessary Y/N ➤ Complies with State of New Mexico except Indian country requirements: <ul style="list-style-type: none"> ○ Includes site-specific BMPs/controls designed to prevent to the maximum extent practicable an increase in sediment yield/flow velocity from pre-construction, pre-development conditions both during and after construction Y/N ○ Selection based on appropriate soil loss prediction models (results in sediment yields/flow velocities, that to the maximum extent practicable, will not be greater than the sediment yield levels 	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<p>Sheet C00-104 includes information on pond design. However, no soil loss models included in plan.</p>

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and flow velocities from pre-construction, pre-development conditions) Y/N <i>Parts 2.1.1.2, 9.4.1.1</i>			
Describes erosion and sediment control <u>installation</u> requirements? ➤ Completes installation of downgradient stormwater/sediment controls by the time or immediately following earth-disturbance begins unless infeasible Y/N/NA ➤ Installs all other controls and makes operational as soon as conditions allow Y/N ➤ Uses good engineering practices and follows manufacturer’s specifications or explain departures Y/N <i>Part 2.1.1.3</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Describes erosion and sediment control <u>maintenance</u> requirements? ➤ Initiates fix immediately and completed by close of next work day (routine maintenance) Y/N ➤ Installs new measure/significant repair no later than 7 calendar days or document why infeasible Y/N <i>Part 2.1.1.4</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Installs <u>perimeter controls</u> and describes <u>maintenance</u> (removes sediment before it has accumulated to 1/2 of the above-ground height)? <i>Part 2.1.2.2</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	Most of site drains to internal retention ponds. Wattles are installed at two perimeter locations.
Minimizes <u>sediment track-out</u>? ➤ Restricts vehicle use to properly designated exit points? Y/N ➤ Uses appropriate stabilization techniques at all points that exit onto paved roads? Y/N ➤ Where necessary, uses additional measures to remove sediment prior to exit? Y/N/NA ➤ Removes tracked out sediment prior to the end of the same work day or if occurs on non-work day the next work day? Y/N <i>Part 2.1.2.3</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	Rock track out to gravel road.
Controls discharges from <u>stockpiled sediment or soil</u>? ➤ Locates piles outside of buffers Y/N ➤ Locates piles separate from stormwater controls Y/N ➤ Uses temporary sediment barrier Y/N ➤ Where practicable, provides cover or temporary stabilization Y/N ➤ Does not hose down or sweep into stormwater conveyance unless connected to basin, trap, etc. Y/N ➤ Contains and securely protects pile from wind? Y/N <i>Part 2.1.2.4</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Stockpiled sediment is located in a low area that does not discharge. SWPPP does not include information on protecting pile from wind or temporary stabilization.
Minimizes <u>dust</u>? <i>Part 2.1.2.5</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Dust control watering is included in non-stormwater discharges. No other discussion of dust minimization was noted.

Industrial Storm Water Worksheet (Construction) – State of New Mexico

Minimizes disturbance of <u>steep slopes</u>? <i>Part 2.1.2.6</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Preserves <u>topsoil</u>, unless infeasible? <i>Part 2.1.2.7</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Minimizes <u>soil compaction</u> where final vegetative stabilization or infiltration installed? <i>Part 2.1.2.8</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Protects <u>storm drain inlets</u> and describes maintenance requirements (removes sediment by the end of the same work day or end of the following work day)? <i>Part 2.1.2.9</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a
Describes <u>constructed conveyance channel controls</u> (if installed)? <i>Part 2.1.3.1</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Stabilization locations added 8/11/16
Describes <u>sediment basin design</u> (if installed) and maintenance (maintain at least ½ of capacity at all times)? <i>Part 2.1.3.2</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Describes <u>treatment chemical controls</u> (if used)? <i>Part 2.1.3.3</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a
Includes documentation for use of <u>treatment chemicals</u> (polymers, flocculants, or other treatment chemicals)? <ul style="list-style-type: none"> ➤ Lists all soil types expected to be exposed and locations where chemicals will be applied. Also include a list of soil types expected to be found in fill material to be used in same areas Y/N ➤ Lists all treatment chemicals and why the selection of these chemicals is suited to the soil characteristics Y/N ➤ If authorized by EPA to use cationic treatment chemicals, includes the specific controls and implementation procedures designed to ensure use of cationic treatment chemicals will not lead to a violation of water quality standards Y/N/NA ➤ Dosage/methodology to determine dosage Y/N ➤ Information from any applicable MSDS Y/N ➤ Schematic drawings of any chemically-enhanced or chemical treatment systems Y/N/NA ➤ Description of how chemicals will be stored Y/N ➤ References to applicable state or local requirements and copies of applicable manufacturer’s specifications Y/N ➤ Description of training that personnel have received or will receive Y/N <i>Parts 7.2.10.2, 2.1.3.3h</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a
Describes <u>dewatering controls</u> (if installed)? <i>Part 2.1.3.4</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Dewatering occurs to closed retention pond

Industrial Storm Water Worksheet (Construction) – State of New Mexico

Stabilization Requirements		Notes:
<p>Describes compliance with deadlines for vegetative and/or non-vegetative stabilization practices, including exceptions?</p> <p><u>Deadline to Initiate</u></p> <ul style="list-style-type: none"> ➤ Initiates stabilization immediately (no later than end of next work day following earth-disturbing activities permanently/temporarily ceased) Y/N <p><u>Deadline to Complete</u></p> <ul style="list-style-type: none"> ➤ As soon as practicable, but no later 14 calendar days after initiation, completes stabilization (for vegetative, all activities to initially seed or plant, and/or for non-vegetative, installation or application) Y/N ➤ In arid, semi-arid or drought-stricken areas for permanent stabilization, immediately initiates, and within 14 calendar days completes non-vegetative stabilization measures to prevent erosion; and as soon as practicable completes all activities necessary to initially seed or plant; and documents beginning/ending dates of the seasonally dry period, site conditions, and schedule Y/N/NA ➤ Documents/describes circumstances beyond control that prevent meeting deadlines Y/N/NA ➤ If discharging to sediment or nutrient-impaired waters or Tier 2, 2.5 or 3 waters, completes stabilization (vegetative or non-vegetative) w/7 calendar days after temporary or permanent cessation Y/N/NA <p><i>Parts 7.2.10.3, 2.2.1, 3, 9.4.1.3</i></p>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<p>Plan states dates are in schedule, but dates for stabilization are missing from schedule.</p>
<p>Describes compliance with vegetative (final) stabilization criteria?</p> <ul style="list-style-type: none"> ➤ Provides uniform vegetation (e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for all unpaved areas / areas not covered by permanent structures Y/N ➤ Immediately after seeding or planting the area to be vegetatively stabilized, to the extent necessary to prevent erosion on the seeded or planted area, select, design, and install non-vegetative erosion controls that provide cover while vegetation is becoming established Y/N <p><i>Parts 7.2.10.3, 2.2.2.a, 3, 9.4.1.4</i></p>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<p>Specifications were added 8/11/16</p>

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If applicable, describes compliance with State of New Mexico, except Indian country, arid, semi-arid areas, or drought stricken option for final stabilization: ➤ Area seeded/planted must w/3 yrs provides established vegetation that achieves 70% of the native background vegetative cover Y/N ➤ Selects, designs, and installs non-vegetative erosion controls that provide cover for at least 3 years without active maintenance Y/N ➤ Complies with notification, inspection maintenance, and reporting) Y/N <i>Parts 7.2.10.3, 2.2.2.b, 3, 9.4.1.5</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a
If using, provides effective non-vegetative cover to stabilize? <i>Parts 7.2.10.3, 2.2.2.2</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a
Pollution Prevention Procedures		Notes:	
Describes procedures for <u>spill prevention and response</u>? <i>Parts 7.2.11.1, 2.3.4</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Describes procedures for <u>waste management</u>? <i>Part 7.2.11.2, 2.3.3.3</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Eliminates prohibited discharges? ➤ Concrete washout, unless managed by control in Part 2.3.3.4 Y/N ➤ Washout/cleanout of stucco, paint, form release oils, curing compounds and other materials unless managed by control in Part 2.3.3.4 Y/N ➤ Fuels, oils or other from vehicle and equipment O&M Y/N ➤ Soaps, solvents, or detergents used in vehicle and equipment washing Y/N ➤ Toxic or hazardous substances from spill/release Y/N <i>Part 2.3.1</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Properly maintains and protects all pollution prevention controls? <i>Part 2.3.2</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Complies with pollution prevention standards for certain activities? ➤ Fueling/maintenance of equipment or vehicles Y/N/NA ➤ Washing of equipment and vehicles Y/N/NA ➤ Storage, handling, disposal of materials, products and waste Y/N/NA ➤ Washing applicators/containers Y/N/NA <i>Part 2.3.3</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Minimizes discharge/complies with restrictions of <u>fertilizer application</u>? <i>Part 2.3.5</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a

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Inspections and Corrective Action		
<p>SWPPP describes procedures for <u>inspection, maintenance, and corrective action</u>?</p> <ul style="list-style-type: none"> ➤ Personnel conducting inspections Y/N ➤ Inspection schedule Y/N ➤ Reduction of inspection frequency Y/N/NA. As applicable: <ul style="list-style-type: none"> ○ location of the rain gauge or the address of weather station to obtain rainfall data Y/N/NA ○ beginning and ending dates of the seasonally-defined arid period for your area or the valid period of drought Y/N/NA ○ beginning and ending dates of frozen conditions Y/N/NA ➤ Inspection or maintenance checklists or other forms that will be used Y/N <p><i>Parts 7.2.12</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Inspections	Notes:	
<p>Inspections performed by “qualified” person? <i>Part 4.1.1</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
<p>Conducts inspections at a minimum of required frequency unless reductions documented?</p> <ul style="list-style-type: none"> ➤ Every 7 days <u>or</u> 14 days & w/in 24 hrs of a 0.25” rain event Y/N <p><i>Part 4.1.2</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
<p>If applicable, conducts increased inspection frequency for sites with discharges to sediment or nutrient-impaired waters or Tier 2, 2.5 or 3 waters:</p> <ul style="list-style-type: none"> ➤ Once every 7 days Y/N; <u>and</u> ➤ Within 24 hrs of a ≥ 0.25” rain event Y/N? <p><i>Parts 4.1.3, 3.3.2.1, 3.3.2</i></p>	<input type="checkbox"/> Y	<input type="checkbox"/> N <i>n/a</i>
<p>If allowable (begin/end dates recorded), documents reduced inspection frequency?</p> <ul style="list-style-type: none"> ➤ Stabilized area - 1/mo in areas where stabilization has been completed Y/N/NA ➤ For arid/semi arid during seasonally dry period or drought-stricken areas - 1/mo and wi/24 hrs of the occurrence of a storm event ≥ 0.25” Y/N/NA ➤ For frozen conditions (runoff unlikely, disturbance suspended, areas stabilized) - suspends until thawing conditions Y/N/NA <p><i>Part 4.1.4.1 thru 3</i></p>	<input type="checkbox"/> Y	<input type="checkbox"/> N <i>n/a</i>
<p>Inspection areas includes:</p> <ul style="list-style-type: none"> ➤ All cleared, graded, excavated, and not completed stabilization Y/N ➤ All controls/measures Y/N ➤ Material/waste/borrow/equipment storage and maintenance areas Y/N ➤ All areas stormwater typically flows Y/N ➤ All points of discharge Y/N ➤ All locations stabilization implemented Y/N/NA <p><i>Part 4.1.5</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N

Industrial Storm Water Worksheet (Construction) – State of New Mexico

<p>Inspection includes minimum requirements?</p> <ul style="list-style-type: none"> ➤ Controls installed/operational Y/N ➤ Determines need to replace, repair, or maintain Y/N ➤ Conditions that could lead to spills, leaks, and accumulations of pollutants Y/N ➤ Identifies where new or modified controls are necessary Y/N ➤ At points of discharge, checks for visible erosion/sedimentation on banks Y/N/NA ➤ Identifies noncompliance Y/N ➤ If discharge is occurring: <ul style="list-style-type: none"> ○ Identifies all points of discharge Y/N ○ Observes/documents visual quality, including color, odor, floating, settled, or suspended solids, foam, oil sheen, and other of pollutants Y/N ○ Documents whether controls operating effectively, and describes controls not operating as intended or need maintenance Y/N ➤ Based on results of inspection, initiates corrective action under Part 5. <p><i>Part 4.1.6</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Inspection reports:</p> <ul style="list-style-type: none"> ➤ Completed within 24 hrs Y/N ➤ Includes inspection date Y/N ➤ Includes names/titles of personnel Y/N ➤ Includes summary of findings Y/N ➤ Includes applicable rain gauge reading Y/N/NA ➤ Signed and certified in accordance with Appendix I.11 Y/N <p><i>Part 4.1.7.1 and 2</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<p>Inspections dated 5/9/16, 5/23/16, 6/6/16, 6/20/16, 6/27/16, 7/18/16, 8/8/16 included in plan</p>

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Corrective Action	Notes:		
<p>Corrective action initiated immediately; and permanent solution completed no later than 7 calendar days from the time of discovery or if infeasible as soon as practicable?</p> <p><i>Part 5</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Within 24 hours of discovering the occurrence, completes a report of the following:</p> <ul style="list-style-type: none"> ➤ Condition identified Y/N ➤ Nature of the condition identified Y/N ➤ Date and time of the condition identified and how it was identified Y/N <p><i>Part 5.4</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Within 7 calendar days of discovering the occurrence, completes a report of the following:</p> <ul style="list-style-type: none"> ➤ Follow-up actions taken to review the design, installation, and maintenance of stormwater controls, including the dates such actions occurred Y/N ➤ Summary of stormwater control modifications taken or to be taken Y/N ➤ Schedule of activities necessary to implement changes Y/N ➤ Date the modifications are completed or expected to be completed Y/N ➤ Notice of whether SWPPP modifications are required as a result of the condition identified or corrective action Y/N ➤ Signed and certified in accordance with Appendix I.11 Y/N <p><i>Parts 5.4.2, 5.4.3</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	

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Implementation (complete in field) <i>(Narrative Description if Control Measures Installed, Operational, Effective and Maintained)</i>	
Erosion and Sediment Control Practices Part 2.1	
Minimize area of disturbance:	<i>(Provide brief description)</i> Staging area disturbance was limited.
Buffer compliance:	<i>(e.g., provide and maintain a 50-foot undisturbed natural buffer)</i> Undisturbed buffer around site.
Perimeter controls:	<i>(e.g., filter berms, silt fences, temporary diversion dikes)</i> Wattles were installed at two points where the site may drain.
Exit point or sediment track out:	<i>(e.g., aggregate stone with an underlying geotextile or non-woven filter fabric, or turf mats, wheel washing, rumble strips, plates, sweeping)</i> Rock entrance installed
Stockpiled sediment or soil:	<i>(e.g., berms, dikes, fiber rolls, silt fences, sandbag, gravel bags)</i> Stockpiled sediment is located in a low area that does not discharge.
Minimize dust:	<i>(e.g., application of water or other dust suppression techniques)</i> Area was damp from recent rains.
Steep slopes:	<i>(e.g., standard erosion and sediment control practices, phasing disturbances, stabilization practices)</i> none
Preserve topsoil:	<i>(e.g., stockpiling or transfer of topsoil to other locations)</i> Soils were stockpiled onsite
Soil compaction:	<i>(e.g., restrict vehicle / equipment use, soil conditioning techniques)</i> n/a
Storm drain inlet protection:	<i>(e.g., fabric filters, sandbags, concrete blocks, gravel barriers)</i> n/a
Conveyance channels:	<i>(e.g., erosion controls, and velocity dissipation check dams, sediment traps, riprap, or grouted riprap at outlets)</i> Storm drain & outlet not yet installed
Sediment basin:	<i>(e.g., outlet structures that withdraw from the surface, stabilization, erosion controls, velocity dissipation, kept at least 1/2 design capacity)</i> Basin is not yet stabilized.

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Erosion and Sediment Control Practices - Continued	
Treatment chemicals:	<p><i>(e.g., spill berms, decks, spill containment pallets, storing chemicals in covered area, spill kit available on site)</i></p> <p>n/a</p>
Dewatering:	<p><i>(e.g., sediment basins or sediment traps, sediment socks, dewatering tanks, tube settlers, weir tanks, or filtration systems (e.g., bag or sand filters) designed to remove sediment)</i></p> <p>Dewatering was directed to retention pond with no outlet</p>
Other erosion and sediment controls or practices:	<p><i>(Provide brief description)</i></p> <p>Wattles installed along road near soil storage</p>
Stabilization Practices Part 2.2	
Stabilization:	<p><i>(e.g., soil conditioning, application of seed or sod, planting of seedlings or other vegetation, application of fertilizer, watering, mulch, rolled erosion control products, control blankets, riprap, gabions, geotextiles)</i></p> <p>Site is still active</p>
Are stabilization measures initiated immediately? Y/N Are they completed within 14 days of construction cessation? Y/N	<p><i>(e.g. indicate “yes” or “no”; if not within 14 days of construction cessation, how long without stabilization measures?)</i></p> <p>n/a</p>
Pollution Prevention Measures Part 2.3	
Fueling and maintenance of vehicles:	<p><i>(e.g., locating activities away from surface waters and stormwater inlets or conveyances, providing secondary containment (e.g., spill berms, decks, spill containment pallets) and cover where appropriate, and/or having spill kits readily available)</i></p> <p>no issues noted.</p>
Washing equipment & vehicles:	<p><i>(e.g., locating activities away from surface waters, stormwater, inlets, conveyances, sediment basin or sediment trap, using filtration devices, such as filter bags or sand filters, plastic sheeting, temporary roofs)</i></p> <p>n/a</p>
Washing applicators/containers (e.g., stucco, paint, concrete, form release oils, curing compounds, and other construction materials)	<p><i>(e.g., leak-proof container or pit, locate as far away as possible from surface waters, inlets or conveyances, designate areas)</i></p> <p>Designated concrete washout pit.</p>

Industrial Storm Water Worksheet (Construction) – State of New Mexico

Pollution Prevention Measures – Continued	
Storage, handling, disposal of construction materials, products and waste:	<p><i>Building products (e.g., asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures):</i></p> <p>n/a</p>
	<p><i>Pesticides, herbicides, insecticides, fertilizers, and landscape materials:</i></p> <p>n/a</p>
	<p><i>Diesel fuel, oil, hydraulic fluids, other petroleum products, and other chemicals:</i></p> <p>n/a</p>
	<p><i>Hazardous or toxic waste (e.g, paints, solvents, petroleum-based products, wood preservatives, additives, curing compounds, acids):</i></p> <p>Two drums were not stored in contained area.</p>
	<p><i>Construction and domestic waste (e.g., packaging materials, scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, styrofoam, concrete, and other trash or building materials):</i></p> <p>Some excess concrete located on ground, concrete washout occurs at designated area.</p>
	<p><i>Sanitary waste:</i></p> <p>No issues noted</p>
Fertilizer application:	<p><i>(e.g., avoids applying before heavy rains, never applies to frozen ground, never applies to conveyance channels with flowing water)</i></p> <p>n/a</p>
Miscellaneous	
Evidence of not allowable non-storm water discharges or prohibited discharge?	<p><i>(Provide brief description and determine whether any non-storm water discharges allowable)</i></p> <p>No, non-stormwater discharges are sent to a retention pond with no outlet.</p>
Evidence of sediment deposition to surface waters or MS4?	<p><i>(e.g. significant turbidity observed in a receiving water body)</i></p> <p>no</p>

NMED/SWQB
Official Photograph Log
Photo # 1

Photographer: J. Foote

Date: 8/10/16

Time: 12:23

City/County: Chama/ Rio Arriba

State: New Mexico

Location: Chama WWTP

Subject: soil staging, concrete washout, utility trench with soils uphill of excavation



NMED/SWQB
Official Photograph Log
Photo # 2

Photographer: J. Foote

Date: 8/10/16

Time: 14:04

City/County: Chama/ Rio Arriba

State: New Mexico

Location: Chama WWTP Construction

Subject: chemical drums with no containment



NMED/SWQB
Official Photograph Log
Photo # 3

Photographer: J. Foote	Date: 8/10/16	Time: 14:05
City/County: Chama/ Rio Arriba	State: New Mexico	
Location: Chama WWTP Construction		
Subject: wattles at discharge point from site		



NMED/SWQB
Official Photograph Log
Photo # 4

Photographer: J. Foote	Date: 8/10/16	Time: 14:07
City/County: Chama/ Rio Arriba	State: New Mexico	
Location: Chama WWTP Construction		
Subject: excess concrete on ground		

