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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**

November 3, 2014

Mr. Adam Leigland, Public Works Director  
Santa Fe County  
424 NM 599  
P.O. Box 276  
Santa Fe, NM 87504-0276

**Re:** Santa Fe County; Minor; Construction Stormwater; SIC 1522; NPDES Compliance Evaluation Inspection; NPDES Permit NMR12AZ31; October 15, 2014

Dear Mr. Leigland:

Enclosed please find a copy of the report for the referenced inspection that the New Mexico Environment Department (NMED) conducted at a construction site for which you may be an "operator" (see Appendix A in permit). The NMED conducted this inspection 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 listed in the checklist section of the inspection report. You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and to modify your operational and/or administrative procedures, as appropriate. If you have comments on or concerns with the basis for the findings in the NMED inspection report, please contact us (see the address above) in writing within 30 days from the date of this letter. Further, notify in writing both USEPA (Racquel Douglas, USEPA (6EN), 1445 Ross Ave., Dallas, Texas, 75202), NMED (at the above address) regarding modifications and compliance schedules.

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Mr. Adam Leigland  
November 3, 2014

If you have any questions about this inspection report, please contact Daniel Valenta at 505-827-2575 or at [daniel.valenta@state.nm.us](mailto:daniel.valenta@state.nm.us).

Sincerely,

*/s/Bruce 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, USEPA (6EN-WM) by e-mail  
Brent Larsen, USEPA (6WQ) by e-mail  
Racquel Douglas, USEPA (6EN-WM) by e-mail  
Gladys Gooden-Jackson, USEPA (6EN-WC) by e-mail  
NMED District III, Robert Italiano 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	R	1	2	A	Z	3	1	11	12	1	4	1	0	1	5	17	18	)	19	S	20	2	
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												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>Herrada Road improvements-Herrada Road, Santa Fe, New Mexico 87508</b>  <b>Santa Fe County</b>	Entry Time /Date <b>0915 hours/10-15-2014</b>	Permit Effective Date <b>2-16-2012</b>
	Exit Time/Date <b>1355 hours/10-15-2014</b>	Permit Expiration Date <b>2-16-2017</b>
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) <b>Mr. Carlos E. Vigil/ Site Superintendent/620-429-1414/505-992-3018</b>	Other Facility Data  <b>GPS: N. 35° 31' 45.92" W. -105° 56' 01.37"</b>  <b>SIC: 1522</b>	
Name, Address of Responsible Official/Title/Phone and Fax Number <b>Mr. Adam Leigland, Santa Fe County Works Department, 424 NM 599, P.O. Box 276, Santa Fe, NM 87504-0276/Public Works Director/ 505-992-3010 fax 505-992-3028</b>	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	N	Flow Measurement	S	Operations & Maintenance	N	CSO/SSO
M	Records/Reports	N	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
S	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
N	Effluent/Receiving Waters	N	Laboratory	M	Storm Water	N	Other:

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

1. This report is based on review of files maintained by the permittee and NMED, on site observation by NMED personal and verbal information provided by the facility's representative.
2. Arriving on site at approximately 0915, accompanied by Sandra Gabaldon, the inspector made introductions, presented credentials and explained the purpose of the inspection to Mr. Carlos Vigil, Site Supervisor.
3. A short exit interview was conducted at the site with Mr. Vigil. The inspectors left the site at approximately 1350.

Name(s) and Signature(s) of Inspector(s) <b>Daniel Valenta</b> <i>Daniel Valenta</i>	Agency/Office/Telephone/Fax <b>NMED/SWQB 505-827-2575</b>	Date <b>11/3/14</b>
Signature of Management QA Reviewer <b>Sarah Holcomb</b> <i>Sarah Holcomb</i>	Agency/Office/Phone and Fax Numbers <b>NMED/SWQB 505-827-2798</b>	Date <b>11/3/2014</b>

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

National Database Information			General	
Inspection Type	CEI		Inspector Name	Daniel Valenta
NPDES ID Number	NMR12AY68/ NMR12AZ31		Telephone	(505) 827-2575
Inspection Date	September 15, 2014		Entry Time	0915 Hours / September 15, 2014
Inspector Type (circle one)	EPA	<input checked="" type="checkbox"/> State EPA Oversight	Exit Time	1155 Hours / September 15, 2014
Facility Type (circle one)	Commercial / <input checked="" type="checkbox"/> Residential / Municipal / Industrial		Signature	

Facility Location Information				
Name/Location/Mailing Address	Herrada Road Improvements, Herrada Road, Eldorado, NM			
Coordinates	Latitude	35 31 45.92	Longitude	-105 56 01.37
Receiving Waters	Unnamed Arroyo to Gallina Arroyo to Alamo Creek to the Santa Fe River 20.6.4.113			
Disturbed Area	18.25 Acres	Start/Stop Dates	Start: 09/08/2014 Estimated Stop: 09/24/14	

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator	Santa Fe County (SFC)	505-992-3010
	Mountain States Constructors (MSC)	505-637-6240
Facility Contact	Carlos E. Vigil	505- 992-3018
Authorized Official(s)	SF Public Works Director-Adam Leigland	505-992-3010
	MSC Mr. David Otoski-Vice President	575-637-6240

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

Basic Permit Information			Basic SWPPP Information		
Permit Coverage	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	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 type="checkbox"/> Y	<input checked="" 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 type="checkbox"/> Y	<input checked="" type="checkbox"/> N
NOI Date	SFC- 9/5/14 MSC- 9/15/14		SWPPP Date	8/14/14	
Is NOI Satisfactory?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N			

Additional Facility and Inspection Information ( <i>optional</i> )
<b>SWPPP Review (<i>can be completed in office</i>)</b>

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

General			Notes:
<b>SWPPP Signed/Certified.</b> Did all operators sign/certify the SWPPP? <i>Part 7.2.15, Appendix I.11</i>	Y	<input type="checkbox"/> N	Santa Fe County did not sign/certify the SWPPP. When informed, SF County stated they would have it signed immediately.
<b>SWPPP completed prior to NOI?</b> <i>Part 7.1.1, Part 1.2.1</i>	<input checked="" type="checkbox"/> Y	N	
<b>Endangered Species Act.</b> Does SWPPP include documentation supporting determination? <i>Part 7.2.14.1; Part 1.1.e, Appendix D</i>	Y	<input type="checkbox"/> N	Criterion C on MSC NOI, criterion A on SFC. No documents to support a listing of A on the SFC NOI. SWPPP Provides only a list of endangered species in SF County.
<b>Historic Properties.</b> Does SWPPP include documentation supporting determination? <i>Part 7.2.14.2, Appendix E</i>	<input checked="" type="checkbox"/> Y	N	This site has had subsurface earth disturbance with the placement of culverts.
<b>If applicable, documents contact with agency or office responsible for implementing Safe Drinking Water Act <u>underground injection control well(s)</u>?</b> <i>Part 7.2.14.3, 40 CFR Parts 144 -147</i>	Y	N	N/A No infiltration trenches; commercially manufactured pre-cast or pre-built proprietary subsurface detention vaults, chambers or other devices designed to capture and infiltrate stormwater flow; or drywells, seepage pits or improved sinkholes.
<b>Post-Authorization Additions.</b> Does SWPPP include: <ul style="list-style-type: none"> <li>➤ Copy of acknowledgement letter Y/<input type="checkbox"/> N</li> <li>➤ Copy of NOI Y/<input type="checkbox"/> N</li> <li>➤ Copy of permit <input checked="" type="checkbox"/> Y/ N</li> </ul> <i>Part 7.2.16.3</i>	Y	<input type="checkbox"/> N	No copy of NOI; No copy of acknowledgement letter received from the NOI Processing Center assigning your permit tracking number.  Copy of the permit is in the SWPPP.
<b>If applicable, SWPPP describes compliance with any case-by-case basis USEPA imposed water quality-based effluent limitation requirements?</b> <i>Part 3</i>	Y	<input type="checkbox"/> N	SWPPP does not address any Part 9 (Permit conditions applicable to certain states) NM standards.
<b>If discharge to an impaired water, includes records of all data used to complete NOI:</b> <ul style="list-style-type: none"> <li>➤ List of all impaired waters Y/N</li> <li>➤ Pollutant(s) for which the surface water is impaired Y/N</li> <li>➤ Whether a TMDL has been approved or established Y/N</li> </ul> <i>Part 3.2.1, Appendix I.15</i>	Y	N	N/A
<b>Required SWPPP modifications completed?</b> <ul style="list-style-type: none"> <li>➤ Completed w/7 days Y/N</li> <li>➤ Maintains modification records showing dates, name of person authorizing change and summary Y/N</li> <li>➤ Signed/Certified Y/N</li> <li>➤ Immediately notified other operators Y/N</li> </ul> <i>Parts 7.4, 5.2.2, Appendix I.11.b</i>	Y	N	N/A  The SWPPP, in this case, provided no modifications (listed as revisions to the SWPPP) in their book.
<b>Records Retention.</b> 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>	Y	N	N/A, ongoing construction.

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

Team & Activity Description			Notes:
<b>Identifies stormwater team personnel and responsibilities?</b> ➤ Personnel (by name or position) Y/ <input checked="" type="checkbox"/> N ➤ Individual responsibilities <input checked="" type="checkbox"/> Y/N <i>Part 7.2.1</i>	Y	<input checked="" type="checkbox"/> N	The SWPPP identifies SF County as the owner; Mountain States Construction as the contractor; and INDIGO as the inspectors. No name or position was provided.
<b>Is staff training documented?</b> ➤ Training occurs prior to the commencement of earth-disturbing activities or pollutant-generating activities, whichever occurs first Y/ <input checked="" type="checkbox"/> N ➤ Ensures following understand the requirements of this permit and their specific responsibilities: <ul style="list-style-type: none"> <li>○ Personnel responsible for the design, installation, maintenance, and/or repair of controls/measures Y/<input checked="" type="checkbox"/>N</li> <li>○ Personnel responsible for the application and storage of treatment chemicals Y/<input checked="" type="checkbox"/>N</li> <li>○ Personnel responsible for conducting inspections Y/<input checked="" type="checkbox"/>N</li> <li>○ Personnel responsible for taking corrective actions Y/<input checked="" type="checkbox"/>N</li> </ul> ➤ At a minimum, training includes: <ul style="list-style-type: none"> <li>○ Location of all stormwater controls on the site required by this permit, and how maintained Y/<input checked="" type="checkbox"/>N</li> <li>○ Proper procedures to follow with respect to the permit's pollution prevention requirements Y/<input checked="" type="checkbox"/>N</li> <li>○ When and how to conduct inspections, record applicable findings, and take corrective actions Y/<input checked="" type="checkbox"/>N</li> </ul> <i>Parts 7.2.13, 6 and permit notes for emergency-related construction activities</i>	Y	<input checked="" type="checkbox"/> N	The SWPPP has a page for Personnel training; however, this page is blank.  According to the on-site foreman (Mountain States Construction), weekly meetings with his staff are completed each Monday morning, but are not recorded. It is unknown if the elements required in the permit are explained/taught to the members of his staff.
<b>Describes nature of construction activities?</b> ➤ Size of the property Y/ <input checked="" type="checkbox"/> N ➤ Total area to be disturbed Y/ <input checked="" type="checkbox"/> N ➤ Construction support activity areas Y/ <input checked="" type="checkbox"/> N ➤ Maximum area to be disturbed at any one time Y/ <input checked="" type="checkbox"/> N <i>Part 7.2.2</i>	Y	<input checked="" type="checkbox"/> N	Site map did not have the total acreage, total area being disturbed or the maximum area to be disturbed at any one time.  There were no construction support activities at this site (Residential Roadway Improvements).
<b>If applicable, documents emergency-related projects?</b> ➤ 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 <i>Parts 7.2.3, 1.2</i>	Y	N	N/A
<b>Identifies (lists) other site operators and areas of site over which each has control?</b> ➤ List and areas of site over which each has	Y	N	N/A  Only site operator is Mountain States Construction.

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

control Y/N <i>Part 7.2.4</i>			
<b>Describes sequence, estimated dates (departures) and duration of construction activities?</b> ➤ Installation of control measures when operational Y/ <input checked="" type="checkbox"/> N ➤ Commencement/duration clearing & grubbing, mass grading, site preparation (excavating, cutting & filling), final grading, and creation of soil & vegetation stockpiles Y/ <input checked="" type="checkbox"/> N ➤ Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of site Y/ <input checked="" type="checkbox"/> N ➤ Final/temporary stabilization areas of exposed soil Y/ <input checked="" type="checkbox"/> N ➤ Removal of temporary stormwater conveyances/channels and other stormwater control measures Y/ <input checked="" type="checkbox"/> N ➤ Removal of construction equipment and vehicles Y/ <input checked="" type="checkbox"/> N <i>Part 7.2.5</i>	Y	<input checked="" type="checkbox"/> N	No estimated dates were provided in the SWPPP.
<b>Site Map</b>		<b>Notes:</b>	
<b>Includes legible site map(s)?</b> <i>Part 7.2.6</i>	Y	<input checked="" type="checkbox"/> N	"Site map" in SWPPP does not provide all the required elements.
➤ Boundaries of the property Y/ <input checked="" type="checkbox"/> N ➤ Locations construction activities will occur Y/ <input checked="" type="checkbox"/> N ➤ Locations earth-disturbing activities will occur (note any phasing) Y/ <input checked="" type="checkbox"/> N ➤ Approximate slopes before and after major grading (note steep slopes) Y/ <input checked="" type="checkbox"/> N ➤ Locations sediment, soil, or materials will be stockpiled Y/N/ <input checked="" type="checkbox"/> NA ➤ Locations of crossings of surface waters N/A ➤ Designated points vehicles exit onto paved roads Y/ <input checked="" type="checkbox"/> N ➤ Locations of structures/impervious surfaces upon completion Y/ <input checked="" type="checkbox"/> N ➤ Locations of construction support activity areas N/A <i>Part 7.2.6.1</i>	Y	<input checked="" type="checkbox"/> N	
➤ Locations of surface waters/wetlands, within or in immediate vicinity Y/ <input checked="" type="checkbox"/> N ➤ Indicates waters listed as impaired, and Tier 2, or Tier 3 Y/ <input checked="" type="checkbox"/> N <i>Part 7.2.6.2</i>	Y	<input checked="" type="checkbox"/> N	
➤ Boundary lines of natural buffers <i>Parts 7.2.6.3, 2.1.2.1a</i>	Y	<input checked="" type="checkbox"/> N	
➤ Areas of federally-listed critical habitat for endangered or threatened species <i>Part 7.2.6.4</i>	Y	<input checked="" type="checkbox"/> N	
➤ Topography Y/ <input checked="" type="checkbox"/> N ➤ Existing vegetative cover Y/ <input checked="" type="checkbox"/> N ➤ Drainage pattern of stormwater/authorized	Y	<input checked="" type="checkbox"/> N	

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

non-stormwater flow onto, over, and from site <u>before and after</u> major grading Y/ <input checked="" type="checkbox"/> N <i>Part 7.2.6.5</i>			
<ul style="list-style-type: none"> <li>➤ Stormwater and allowable non-stormwater discharge locations Y/<input checked="" type="checkbox"/>N</li> <li>➤ Locations of storm drain inlets on site and immediate vicinity Y/<input checked="" type="checkbox"/>N</li> <li>➤ Locations stormwater or allowable non-stormwater will be discharged to surface waters (including wetlands) on or near site Y/<input checked="" type="checkbox"/>N</li> </ul> <i>Part 7.2.6.6</i>	Y	<input checked="" type="checkbox"/> N	
<ul style="list-style-type: none"> <li>➤ Locations of potential pollutant-generating activities</li> </ul> <i>Part 7.2.6.7, Part 7.2.7</i>	Y	<input checked="" type="checkbox"/> N	
<ul style="list-style-type: none"> <li>➤ Locations of control measures</li> </ul> <i>Part 7.2.6.8</i>	Y	N	In Engineering blueprints not in SWPPP.
<ul style="list-style-type: none"> <li>➤ Locations polymers, flocculants, or treatment chemicals will be used/stored</li> </ul> <i>Part 7.2.6.9</i>	Y	N	N/A
<b>Construction Site Pollutants</b>		<b>Notes:</b>	
<b>Includes pollutant-generating activities list and description?</b> <i>Part 7.2.7.1</i>	<input checked="" type="checkbox"/> Y	N	
<b>Includes inventory of pollutants or constituents?</b> <ul style="list-style-type: none"> <li>➤ Inventory <input checked="" type="checkbox"/>Y/<input type="checkbox"/>N</li> <li>➤ Potential spills/leaks <input checked="" type="checkbox"/>Y/<input type="checkbox"/>N</li> <li>➤ Departures from manufacturer's specifications for applying fertilizers containing nitrogen &amp; phosphorus Y/N/<input checked="" type="checkbox"/>N/A</li> </ul> <i>Parts 7.2.7.2, 2.3.5.1</i>	<input checked="" type="checkbox"/> Y	N	
<b>Identifies all sources of allowable non-stormwater discharges?</b> <i>Parts 7.2.8, 1.3.d</i>	<input checked="" type="checkbox"/> Y	N	
<b>If required (surface water w/50 feet of earth disturbance), documents and describes <u>buffer compliance alternative</u> selected?</b> <ul style="list-style-type: none"> <li>➤ 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/<input checked="" type="checkbox"/>N/A</li> <li>➤ Uses velocity dissipation devices, if necessary Y/N/<input checked="" type="checkbox"/>N/A</li> <li>➤ Documents natural buffer width Y/N/<input checked="" type="checkbox"/>N/A</li> <li>➤ Delineates, and clearly marks off, with flags, tape, or other similar marking device all natural buffer areas Y/N/<input checked="" type="checkbox"/>N/A</li> <li>➤ Documents erosion and sediment control(s) used to achieve an equivalent sediment reduction Y/N/<input checked="" type="checkbox"/>N/A</li> <li>➤ Documents any information relied upon to demonstrate equivalency Y/N/<input checked="" type="checkbox"/>N/A</li> </ul> <i>Parts 7.2.9, 2.1.2, Appendix G</i>	Y	N	N/A

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

<p><b>As applicable, describes and documents <u>buffer exceptions</u>?</b></p> <ul style="list-style-type: none"> <li>➤ Describes rationale/why infeasible to provide and maintain an undisturbed natural buffer of any size Y/N/<input type="checkbox"/>NA</li> <li>➤ For linear project, describes buffer width retained and supplemental controls installed Y/N/<input type="checkbox"/>NA</li> <li>➤ Small residential lot options Y/N/<input type="checkbox"/>NA</li> <li>➤ Documents CWA Section 404 Permit, water-dependent structure/access disturbances Y/N/<input type="checkbox"/>NA</li> </ul> <p><i>Parts 7.2.9; 2.1.2.1e, Appendix G</i></p>	Y	N	N/A
<b>All Stormwater Control Measures</b>		<b>Notes:</b>	
<p><b>Describes each measure?</b></p> <ul style="list-style-type: none"> <li>➤ Type of measure to be installed and maintained, including design information Y/<input type="checkbox"/>N</li> <li>➤ Specific sediment controls installed and made operational prior to conducting earth-disturbing activities Y/<input type="checkbox"/>N</li> <li>➤ For exit points, stabilization techniques and any additional controls planned to remove sediment prior to vehicle exit Y/N/<input type="checkbox"/>NA</li> <li>➤ For linear projects (if applicable), where/why it has been determined that the use of perimeter controls is practicable Y/<input type="checkbox"/>N</li> </ul> <p><i>Part 7.2.10.1</i></p>	Y	<input type="checkbox"/> N	<p>Installation and operational BMPs have not been installed prior to earth disturbance on the east side of the project.</p> <p>The permit requires that all erosion and sediment controls remain in effective operating condition during the permit. The wattles on the west side of the project have breaks, and in some areas are absent.</p> <p>The SWPPP does not provide documentation as to why it is impracticable to install check dams/ temporary diversion dikes in the discharge channels.</p> <p>Because this is an established gravel roadway, minimization of sediment track-out is unnecessary at this site.</p>
		<b>Notes:</b>	
<p><b>Minimizes <u>area of disturbance</u>?</b></p> <p><i>Part 2.1.1.1</i></p>	<input checked="" type="checkbox"/> Y	N	<p>MSC has minimized the amount of soil exposed during their road improvements.</p>
<p><b>Describes erosion and sediment control <u>design requirements</u>?</b></p> <ul style="list-style-type: none"> <li>➤ Accounts for expected amount, frequency, intensity, duration of precipitation Y/<input type="checkbox"/>N</li> <li>➤ Accounts for nature of run-on and run-off (channelized peak flow rates &amp; total volume at outlet) Y/<input type="checkbox"/>N</li> <li>➤ Accounts for range of soil particle sizes (distribution, erosivity and cohesiveness) Y/<input type="checkbox"/>N</li> <li>➤ Directs discharge to vegetated areas to increase sediment removal and infiltration unless infeasible <input checked="" type="checkbox"/>Y/<input type="checkbox"/>N/NA</li> <li>➤ Uses velocity dissipation, if necessary Y/<input type="checkbox"/>N</li> <li>➤ Complies with State of New Mexico except Indian country requirements: <ul style="list-style-type: none"> <li>○ 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</li> <li>○ 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 and</li> </ul> </li> </ul>	<input checked="" type="checkbox"/> Y	N	<p>The SWPPP provides NOAA information regarding precipitation in the area. There is also a sediment survey provided which discusses soil particle sizes.</p> <p>No RUSLE Calculations found.</p> <p>Runoff coefficients:</p> <p>Pre-Construction: 84 Construction Phase: 85 Post- Construction: 88</p> <p>Runoff velocities have increased during and after project. Not meeting the requirements found at 4.1.1.4.</p> <p>Direct discharge has been channeled to a vegetated area on the southeast, west side of the construction area.</p> <p>All culverts have rip rap directly in front of it to dissipate the velocity of flow.</p>

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

flow velocities from pre-construction, pre-development conditions ) Y/ <input checked="" type="checkbox"/> N <i>Parts 2.1.1.2, 9.4.1.1</i>			
<b>Describes erosion and sediment control <u>installation</u> requirements?</b> ➤ Completes installation of downgradient stormwater/sediment controls by the time or immediately following earth-disturbance begins unless infeasible <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> N/ <input type="checkbox"/> NA ➤ Installs all other controls and makes operational as soon as conditions allow <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> N ➤ Uses good engineering practices and follows manufacturer's specifications or explain departures <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> N <i>Part 2.1.1.3</i>	<input checked="" type="checkbox"/> Y	N	The site is a linear roadway improvement project. On both sides of the roadway are drainage areas which are down gradient from the wattles on the west side of the project.
<b>Describes erosion and sediment control <u>maintenance</u> requirements?</b> ➤ Initiates fix immediately and completed by close of next work day (routine maintenance) Y/ <input checked="" type="checkbox"/> 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>	Y	<input checked="" type="checkbox"/> N	There were several areas where erosion and sediment controls (wattles) were not in effective operating condition.  The last inspection was on 10/10/2014 and did not indicate in the inspection report that maintenance needed to be done. Inspection report indicated that no problems were seen.
<b>Installs <u>perimeter controls</u> and describes maintenance (removes sediment before it has accumulated to 1/2 of the above-ground height)?</b> <i>Part 2.1.2.2</i>	<input checked="" type="checkbox"/> Y	N	
<b>Minimizes <u>sediment track-out</u>?</b> ➤ Restricts vehicle use to properly designated exit points? Y/N/ <input checked="" type="checkbox"/> NA ➤ Uses appropriate stabilization techniques at all points that exit onto paved roads? <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> N ➤ Where necessary, uses additional measures to remove sediment prior to exit? Y/N/ <input checked="" type="checkbox"/> 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? <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> N <i>Part 2.1.2.3</i>	<input checked="" type="checkbox"/> Y	N	
<b>Controls discharges from <u>stockpiled sediment or soil</u>?</b> ➤ 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>	Y	N	N/A  This construction project utilizes soil/sediment material removed from one area to another in their paving practices. There are no stockpiles stored for multiple days on this project.
<b>Minimizes <u>dust</u>?</b> <i>Part 2.1.2.5</i>	<input checked="" type="checkbox"/> Y	N	Minimization of dust is being achieved by applying water to the roadway.
<b>Minimizes disturbance of <u>steep slopes</u>?</b>	Y	N	N/A

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

<i>Part 2.1.2.6</i>			There are no steep slopes (15% or greater) on this project.
<b>Preserves <u>topsoil</u></b> , unless infeasible? <i>Part 2.1.2.7</i>	Y	N	N/A This is a highly impervious project
<b>Minimizes <u>soil compaction</u> where final vegetative stabilization or infiltration installed?</b> <i>Part 2.1.2.8</i>	<input checked="" type="checkbox"/>	N	There are no vehicles/equipment used where final vegetative stabilization and infiltration will be installed. (Roadway ditches).
<b>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)?</b> <i>Part 2.1.2.9</i>	Y	N	N/A
<b>Describes <u>constructed conveyance channel controls</u> (if installed)?</b> <i>Part 2.1.3.1</i>	Y	<input checked="" type="checkbox"/>	No check dams installed in channels as discussed in the blueprints.
<b>Describes <u>sediment basin</u> design (if installed) and maintenance (maintain at least ½ of capacity at all times)?</b> <i>Part 2.1.3.2</i>	Y	N	N/A
<b>Describes <u>treatment chemical</u> controls (if used)?</b> <i>Part 2.1.3.3</i>	Y	N	N/A
<b>Includes documentation for use of <u>treatment chemicals</u> (polymers, flocculants, or other treatment chemicals)?</b> <ul style="list-style-type: none"> <li>➤ 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</li> <li>➤ Lists all treatment chemicals and why the selection of these chemicals is suited to the soil characteristics Y/N</li> <li>➤ 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</li> <li>➤ Dosage/methodology to determine dosage Y/N</li> <li>➤ Information from any applicable MSDS Y/N</li> <li>➤ Schematic drawings of any chemically-enhanced or chemical treatment systems Y/N/NA</li> <li>➤ Description of how chemicals will be stored Y/N</li> <li>➤ References to applicable state or local requirements and copies of applicable manufacturer's specifications Y/N</li> <li>➤ Description of training that personnel have received or will receive Y/N</li> </ul> <i>Parts 7.2.10.2, 2.1.3.3h</i>	Y	N	N/A
<b>Describes <u>dewatering</u> controls (if installed)?</b> <i>Part 2.1.3.4</i>	Y	N	N/A No dewatering controls needed.



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

<p><b>If applicable, describes compliance with State of New Mexico, except Indian country, arid, semi-arid areas, or drought stricken option for final stabilization:</b></p> <ul style="list-style-type: none"> <li>➤ Area seeded/planted must w/3 yrs provides established vegetation that achieves 70% of the native background vegetative cover Y/<input checked="" type="checkbox"/>N</li> <li>➤ Selects, designs, and installs non-vegetative erosion controls that provide cover for at least 3 years without active maintenance Y/<input checked="" type="checkbox"/>N</li> <li>➤ Complies with notification, inspection maintenance, and reporting) Y/N/<input checked="" type="checkbox"/>NA</li> </ul> <p><i>Parts 7.2.10.3, 2.2.2.b, 3, 9.4.1.5</i></p>	Y	N	<p>Half the site is complete, the other is active.</p>
<p><b>If using, provides effective non-vegetative cover to stabilize?</b></p> <p><i>Parts 7.2.10.3, 2.2.2.2</i></p>	<input checked="" type="checkbox"/> Y	N	<p>Some of the exposed portions of the site have been paved. Other areas have riprap inside the roadway ditches.</p>
<b>Pollution Prevention Procedures</b>		<b>Notes:</b>	
<p><b>Describes procedures for <u>spill prevention and response</u>?</b></p> <p><i>Parts 7.2.11.1, 2.3.4</i></p>	<input checked="" type="checkbox"/> Y	N	
<p><b>Describes procedures for <u>waste management</u>?</b></p> <p><i>Part 7.2.11.2, 2.3.3.3</i></p>	<input checked="" type="checkbox"/> Y	N	
<p><b>Eliminates prohibited discharges?</b></p> <ul style="list-style-type: none"> <li>➤ Concrete washout, unless managed by control in Part 2.3.3.4 Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ 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/<input checked="" type="checkbox"/>NA</li> <li>➤ Fuels, oils or other from vehicle and equipment O&amp;M Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ Soaps, solvents, or detergents used in vehicle and equipment washing Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ Toxic or hazardous substances from spill/release Y/N/<input checked="" type="checkbox"/>NA</li> </ul> <p><i>Part 2.3.1</i></p>	Y	N	<p>N/A</p>
<p><b>Properly maintains and protects all pollution prevention controls?</b></p> <p><i>Part 2.3.2</i></p>	Y	N	<p>N/A</p>
<p><b>Complies with pollution prevention standards for certain activities?</b></p> <ul style="list-style-type: none"> <li>➤ Fueling/maintenance of equipment or vehicles Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ Washing of equipment and vehicles Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ Storage, handling, disposal of materials, products and waste Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ Washing applicators/containers Y/N/<input checked="" type="checkbox"/>NA</li> </ul> <p><i>Part 2.3.3</i></p>	Y	N	<p>N/A</p>
<p><b>Minimizes discharge/complies with restrictions of <u>fertilizer application</u>?</b></p> <p><i>Part 2.3.5</i></p>	Y	N	<p>N/A</p>

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

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

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

<p><i>Part 4.1.5</i></p> <p><b>Inspection includes minimum requirements?</b></p> <ul style="list-style-type: none"> <li>➤ Controls installed/operational Y <input checked="" type="checkbox"/> N</li> <li>➤ Determines need to replace, repair, or maintain <input checked="" type="checkbox"/> Y/N</li> <li>➤ Conditions that could lead to spills, leaks, and accumulations of pollutants <input checked="" type="checkbox"/> Y/N</li> <li>➤ Identifies where new or modified controls are necessary <input checked="" type="checkbox"/> Y/N</li> <li>➤ At points of discharge, checks for visible erosion/sedimentation on banks <input checked="" type="checkbox"/> Y/N/NA</li> <li>➤ Identifies noncompliance <input checked="" type="checkbox"/> Y/N</li> <li>➤ If discharge is occurring: <ul style="list-style-type: none"> <li>○ Identifies all points of discharge <input checked="" type="checkbox"/> Y/N</li> <li>○ Observes/documents visual quality, including color, odor, floating, settled, or suspended solids, foam, oil sheen, and other of pollutants <input checked="" type="checkbox"/> Y/N</li> <li>○ Documents whether controls operating effectively, and describes controls not operating as intended or need maintenance <input checked="" type="checkbox"/> Y/N</li> </ul> </li> <li>➤ Based on results of inspection, initiates corrective action under Part 5.</li> </ul>	Y	<input checked="" type="checkbox"/> N	<p>Site missing check dams in in bar ditches until site is stabilized.</p>
<p><i>Part 4.1.6</i></p> <p><b>Inspection reports:</b></p> <ul style="list-style-type: none"> <li>➤ Completed within 24 hrs <input checked="" type="checkbox"/> Y/N</li> <li>➤ Includes inspection date <input checked="" type="checkbox"/> Y/N</li> <li>➤ Includes names/titles of personnel <input checked="" type="checkbox"/> Y/N</li> <li>➤ Includes summary of findings <input checked="" type="checkbox"/> Y/N</li> <li>➤ Includes applicable rain gauge reading <input checked="" type="checkbox"/> Y/N/NA</li> <li>➤ Signed and certified in accordance with Appendix I.11 <input checked="" type="checkbox"/> Y/N</li> </ul> <p><i>Part 4.1.7.1 and 2</i></p>	<input checked="" type="checkbox"/> Y	N	

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

Corrective Action	Notes:		
<p><b>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?</b></p> <p><i>Part 5</i></p>	<input checked="" type="checkbox"/>	N	
<p><b>Within 24 hours of discovering the occurrence, completes a report of the following:</b></p> <ul style="list-style-type: none"> <li>➤ Condition identified <input checked="" type="checkbox"/>/N</li> <li>➤ Nature of the condition identified <input checked="" type="checkbox"/>/N</li> <li>➤ Date and time of the condition identified and how it was identified Y/N</li> </ul> <p><i>Part 5.4</i></p>	<input checked="" type="checkbox"/>	N	
<p><b>Within 7 calendar days of discovering the occurrence, completes a report of the following:</b></p> <ul style="list-style-type: none"> <li>➤ Follow-up actions taken to review the design, installation, and maintenance of stormwater controls, including the dates such actions occurred Y/N/<input checked="" type="checkbox"/></li> <li>➤ Summary of stormwater control modifications taken or to be taken Y/N/<input checked="" type="checkbox"/></li> <li>➤ Schedule of activities necessary to implement changes Y/N/<input checked="" type="checkbox"/></li> <li>➤ Date the modifications are completed or expected to be completed Y/N/<input checked="" type="checkbox"/></li> <li>➤ Notice of whether SWPPP modifications are required as a result of the condition identified or corrective action Y/N/<input checked="" type="checkbox"/></li> <li>➤ Signed and certified in accordance with Appendix I.11 Y/N/<input checked="" type="checkbox"/></li> </ul> <p><i>Parts 5.4.2, 5.4.3</i></p>	Y	N	N/A

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

**Additional Notes on SWPPP Review (*optional*)**

Empty rectangular area for notes.

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

<b>Implementation (complete in field)</b> <i>(Narrative Description if Control Measures Installed, Operational, Effective and Maintained)</i>	
<b>Erosion and Sediment Control Practices Part 2.1</b>	
<b>Minimize area of disturbance:</b>	<i>(Provide brief description)</i> Paving dirt road, new bar ditched.
<b>Buffer compliance:</b>	N/A
<b>Perimeter controls:</b>	Waddles
<b>Exit point or sediment track out:</b>	N/A
<b>Stockpiled sediment or soil:</b>	N/A
<b>Minimize dust:</b>	Spray application of water is used to minimize dust.
<b>Steep slopes:</b>	No steep slopes (15% or greater)
<b>Preserve topsoil:</b>	N/A
<b>Soil compaction:</b>	<i>(e.g., restrict vehicle / equipment use, soil conditioning techniques)</i> Pave dirt road.
<b>Storm drain inlet protection:</b>	N/A
<b>Conveyance channels:</b>	Blue prints show check dams installed, no check dams in place while ditches are stabilized.
<b>Sediment basin:</b>	N/A

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

<b>Erosion and Sediment Control Practices - Continued</b>	
<b>Treatment chemicals:</b>	N/A
<b>Dewatering:</b>	N/A
<b>Other erosion and sediment controls or practices:</b>	<i>(Provide brief description)</i>
<b>Stabilization Practices Part 2.2</b>	
<b>Stabilization:</b>	<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>  No stabilization occurring at time of inspection.
<b>Are stabilization measures initiated immediately? Y/N Are they completed within 14 days of construction cessation? Y/N</b>	<i>(e.g. indicate “yes” or “no”; if not within 14 days of construction cessation, how long without stabilization measures?)</i>  Part of project completed, not stabilized.
<b>Pollution Prevention Measures Part 2.3</b>	
<b>Fueling and maintenance of vehicles:</b>	N/A
<b>Washing equipment &amp; vehicles:</b>	N/A
<b>Washing applicators/containers (e.g., stucco, paint, concrete, form release oils, curing compounds, and other construction materials)</b>	N/A
<b>Storage, handling, disposal of construction materials, products and waste:</b>	N/A

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

<b>Fertilizer application:</b>	N/A
<b>Miscellaneous</b>	
<b>Evidence of not allowable non-storm water discharges or prohibited discharge?</b>	None
<b>Evidence of sediment deposition to surface waters or MS4?</b>	No evidence of sediment deposition to surface waters. Eldorado is not an MS4 Urban Area.

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

NMED/SWQB

## Official Photograph Log

Photo # 1

Photographer: Daniel Valenta	Date: 10/15/2014	Time: 1044 hours
City/County: Herrada Road/Santa Fe County		
Location: Herrada Road Improvement Project Santa Fe County, facing south west.		
Subject: West section of Herrada Road, top being surfaced.		



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

NMED/SWQB

## Official Photograph Log

Photo # 2

Photographer: Daniel Valenta	Date: 10/15/2014	Time: 1100 hours
City/County: Herrada Road/Santa Fe County		
Location: Herrada Road Improvement Project Santa Fe County, facing northwest.		
Subject: East section of Herrada Road Improvement Project, outfall from west bar ditch.		



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

NMED/SWQB

## Official Photograph Log

Photo # 3

Photographer: Daniel Valenta	Date: 10/15/2014	Time: 1100 hours
City/County: Herrada Road/Santa Fe County		
Location: Herrada Road Improvement Project Santa Fe County, facing southwest.		
Subject: East section of Herrada Road Improvement Project.		

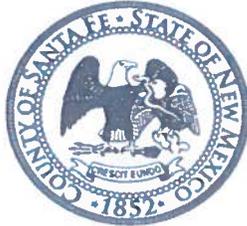


## Comments Received

Daniel "Danny" Mayfield  
Commissioner, District 1

Miguel Chavez  
Commissioner, District 2

Michael D. Anaya  
Commissioner, District 3



Kathy Holian  
Commissioner, District 4

Liz Stefanics  
Commissioner, District 5

Katherine Miller  
County Manager

*Daniel*



Certified Mail – Return Receipt Requested

Bruce J. Yurdin  
NM Environmental Department  
1190 South St. Francis Drive  
Santa Fe New Mexico 87505

November 13, 2014

**RE: Santa Fe County; Minor; Construction Stormwater; SIC 1522; NPDES Compliance Evaluation Inspection; NPDES Permit NMR 12AZ31; October 15, 2014**

Dear Mr. Yurdin

Pursuant to receiving your letter dated November 3, 2014 regarding New Mexico Environmental Department's (NMED) project site inspection on October 15, 2014, I began coordination efforts between the contractor of record, Mountain States Constructors and the County, to address and correct all the deficiencies identified.

Several pro active correction actions have been initiated by the Santa Fe County, detailed below. The remaining deficiencies will be a corrected/initiated by Mountain States Constructors, Inc.

- **Basic Permit Information (Page 1 of 17), Is NOI Satisfactory?**

Corrective action **completed** October 16, 2014  
Copy of acknowledgement e-mail dated September 5, 2014 and copy of NOI Permit Number: NMR120000 (EPA Tracking No. NMR12AZ31) was incorporated into the field and office SWPPP books. See Exhibit A

- **SWPPP Signed/Certified (Page 2 of 17)**

Corrective action **completed** October 20, 2014  
SWPPP books for this project were prepared by Mountain States Constructor's subcontractor Indigo of New Mexico, LLC. When presented at project preconstruction meeting, the signature on the Letter of Designated (Owner) section was signed by Mountain States President, Mr. David Otoski. Corrected signature indicating Santa Fe County as Owner was obtained and incorporated into the field and office SWPPP books. See Exhibit B

- **Post- Authorization Additions (Page 2 of 17)**

Corrective action **completed** October 16, 2014, 2014  
Copy of acknowledgement e-mail dated September 5, 2014 and copy of NOI Permit Number: NMR120000 (EPA Tracking No. NMR12AZ31) was incorporated into the field and office SWPPP books. See Exhibit A

- **Team and Activity Descriptions, Identifies stormwater team personnel and responsibilities (Page 3 of 17)**

Corrective action **completed** October 16, 2014

October 15, 2014 – Provided Mountain States Constructors with the required information for Section 1.1; Project Information, Owner Information with Santa Fe County's contact person and contact information.

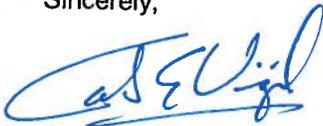
October 16, 2014 – Received from Mountain States Constructors, revised Section 1.1, Project Information; Owner Information and incorporated revised page 3 into the field and office SWPPP books. See Exhibit C

As part of completing the corrective action taken for the remaining deficiencies, please find Mountain States Constructors letter to EPA as part of providing corrective action taken for the remaining deficiencies. (See Attached)

Please consider this as a response to your letter to Santa Fe County; Minor; Construction Stormwater; SIC 1522; NPDES Compliance Evaluation Inspection; NPDES Permit NMR 12AZ31; October 15, 2014, dated November 3, 2014. (Attached)

Santa Fe County is committed to remain in compliance with regulations set forth by the Environmental Protection Agency and New Mexico Environmental Department and has taken measures to ensure future SWPPP and Best Management Practices are conforming with all requirements .

Sincerely,



Carlos E. Vigil  
Road Projects Manager  
Santa Fe County

cc: ORIGINAL COPY Ms. Rachel Douglas, USEPA (6EN)  
Mr. Rob Demeule, PE, Mountain States Constructors, Inc.  
File

Daniel "Danny" Mayfield  
Commissioner, District 1

Miguel Chavez  
Commissioner, District 2

Michael D. Anaya  
Commissioner, District 3



Kathy Holian  
Commissioner, District 4

Liz Stefanics  
Commissioner, District 5

Katherine Miller  
County Manager

Certified Mail – Return Receipt Requested

Ms. Rachel Douglas (6EN)  
US Environmental Protection Agency  
1445 Ross Avenue,  
Dallas, Texas 75202

November 13, 2014

**RE: Santa Fe County; Minor; Construction Stormwater; SIC 1522; NPDES Compliance Evaluation Inspection; NPDES Permit NMR 12AZ31; October 15, 2014**

Dear Ms. Douglas,

Pursuant to receiving Mr. Bruce J. Yurdin's letter dated November 3, 2014 regarding New Mexico Environmental Department's (NMED) project site inspection on October 15, 2014, Santa Fe County's Public Works, Road Projects Manager, Chuck Vigil, has began coordination efforts between the contractor of record, Mountain States Constructors and the County, to address and correct all the deficiencies identified.

Several pro active correction actions have been initiated by the Santa Fe County, detailed below. The remaining deficiencies will be a corrected/initiated by Mountain States Constructors, Inc.

- **Basic Permit Information (Page 1 of 17), Is NOI Satisfactory?**

Corrective action **completed** October 16, 2014

Copy of acknowledgement e-mail dated September 5, 2014 and copy of NOI Permit Number: NMR120000 (EPA Tracking No. NMR12AZ31) was incorporated into the field and office SWPPP books. See Exhibit A

- **SWPPP Signed/Certified (Page 2 of 17)**

Corrective action **completed** October 20, 2014

SWPPP books for this project were prepared by Mountain States Constructor's subcontractor Indigo of New Mexico, LLC. When presented at project preconstruction meeting, the signature on the Letter of Designated (Owner) section was signed by Mountain States President, Mr. David Otoski. Corrected signature indicating Santa Fe County as Owner was obtained and incorporated into the field and office SWPPP books. See Exhibit B

- **Post- Authorization Additions (Page 2 of 17)**

Corrective action **completed** October 16, 2014, 2014

Copy of acknowledgement e-mail dated September 5, 2014 and copy of NOI Permit Number: NMR120000 (EPA Tracking No. NMR12AZ31) was incorporated into the field and office SWPPP books. See Exhibit A

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Corrective action **completed** October 16, 2014

October 15, 2014 – Provided Mountain States Constructors with the required information for Section 1.1; Project Information, Owner Information with Santa Fe County's contact person and contact information.

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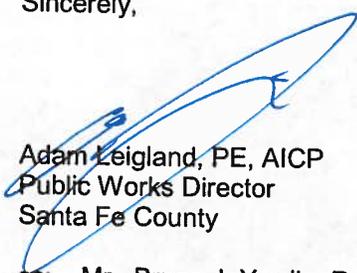
As part of completing the corrective action taken for the remaining deficiencies, please find Mountain States Constructors letter to EPA as part of providing corrective action taken for the remaining deficiencies. (See Attached)

Please consider this as a response to the NMED letter to Santa Fe County; Minor; Construction Stormwater; SIC 1522; NPDES Compliance Evaluation Inspection; NPDES Permit NMR 12AZ31; October 15, 2014, dated November 3, 2014. (Attached)

At this time Santa Fe County respectfully requests a decision as reasonably and promptly as possible from EPA as to whether this matter closed or if there are other concerns that need to be addressed by Santa Fe County. Currently we are under financial obligations to process the final payment request submitted by Mountain States Constructors, Inc. on November 18, 2014, within 21 days of receipt, but we are delaying processing payment pending EPA's response on this matter.

Santa Fe County is committed to remain in compliance with regulations set forth by the Environmental Protection Agency and New Mexico Environmental Department and has taken measures to ensure future SWPPP and Best Management Practices are conforming with all requirements .

Sincerely,



Adam Leigland, PE, AICP  
Public Works Director  
Santa Fe County

cc: Mr. Bruce J. Yurdin, Program Manager, NMED, Surface Water Quality Bureau  
Mr. Rob Demeule, PE, Mountain States Constructors, Inc.  
File

# ***EXHIBIT A***

Carlos E. Vigil

---

**From:** Paul Kavanaugh  
**Sent:** Wednesday, November 12, 2014 10:34 AM  
**To:** Carlos E. Vigil  
**Subject:** FW: Construction General Permit NOI Certification Complete  
**Attachments:** Attachment - 1.pdf; Attachment - 2.pdf

---

**From:** [noreply@epa.gov](mailto:noreply@epa.gov) [<mailto:noreply@epa.gov>]  
**Sent:** Friday, September 05, 2014 9:39 AM  
**To:** Paul Kavanaugh  
**Cc:** [jaime@msconstructors.com](mailto:jaime@msconstructors.com); [cgp@epa.gov](mailto:cgp@epa.gov)  
**Subject:** Construction General Permit NOI Certification Complete

Company: Mountian States Constructors  
ATTN: Jaime Castillo  
Herrada Road Improvements P.O. Box 276  
Santa Fe NM 87504

Project/Site: Herrada Road Improvements  
Herrada Road Improvements P.O. Box 276  
Santa Fe NM 87504

Permit Tracking Number: NMR12AZ31

Thank you for using the eNOI system to prepare your Construction General Permit (CGP) Notice of Intent (NOI).

This correspondence acknowledges that you have submitted a complete NOI form to be covered under EPA's 2012 CGP. Your NOI has been assigned permit tracking number NMR12AZ31 Coverage under this permit begins at the conclusion of your 14-day waiting period on Friday, September 19, 2014, unless you are otherwise notified that a hold has been placed on your permit authorization. You will receive an email informing you of the date your coverage under the CGP is active.

If you have any questions, please call the EPA NOI Processing Center at 1-866-352-7755 (toll free) or send an email to [noi@avanticorporation.com](mailto:noi@avanticorporation.com).

EPA NOI Processing Center  
Operated by Avanti Corporation  
1200 Pennsylvania Ave., NW  
Mail Code: 4203M  
Washington, DC 20460

Company: Mountain States Constructors  
ATTN: Jaime Castillo  
Herrada Road Improvements P.O. Box 276  
Santa Fe NM 87504

Project/Site: Herrada Road Improvements  
Herrada Road Improvements P.O. Box 276  
Santa Fe NM 87504

Permit Tracking Number: NMR12AZ31

Thank you for using the eNOI system to prepare your Construction General Permit (CGP) Notice of Intent (NOI).

This correspondence acknowledges that you have submitted a complete NOI form to be covered under EPA's 2012 CGP. Your NOI has been assigned permit tracking number NMR12AZ31. Coverage under this permit begins at the conclusion of your 14-day waiting period on Friday, September 19, 2014, unless you are otherwise notified that a hold has been placed on your permit authorization. You will receive an email informing you of the date your coverage under the CGP is active.

If you have any questions, please call the EPA NOI Processing Center at 1-866-352-7755 (toll free) or send an email to [noi@avanticorporation.com](mailto:noi@avanticorporation.com).

EPA NOI Processing Center  
Operated by Avanti Corporation  
1200 Pennsylvania Ave., NW  
Mail Code: 4203M  
Washington, DC 20460



Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section II of this form requests authorization to discharge pursuant to the NPDES Construction General Permit (CGP) permit number identified in Section I of this form. Submission of this NOI also constitutes notice that the operator identified in Section II of this form meets the eligibility requirements of Parts 1.1 and 1.2 of the CGP for the project identified in Section III of this form. Permit coverage is required prior to commencement of construction activity until you are eligible to terminate coverage as detailed in Part 8 of the CGP. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form.

**I. Approval to Use Paper NOI Form**

Have you been given approval from the Regional Office to use this paper NOI form\*?  Yes  NO

If yes, provide the reason you need to use this paper form, the name of the EPA Regional Office staff person who approved your use of this form, and the date of approval:

Reason for using paper form:

Name of EPA staff person:

Date approval obtained:

\* Note: You are required to obtain approval from the applicable Regional Office prior to using this paper NOI form.

**II. Permit Information:**

Tracking Number (EPA Use Only) NMR12AZ31

Permit Number: NMR120000

(see Appendix B of the CGP for the list of eligible permit numbers)

**III. Operator Information**

Name: Mountian States Constructors

Phone: 505 292 0108

Fax (Optional):

E-mail: Jaime@msconstructors.com

IRS Employer Identification Number (EIN): 85-0276974

Point of Contact (First Name, Middle Initial, Last Name): Jaime Castillo

Mailing Address:

Street: 3601 Pan American FWY NE #111

City: Albuquerque

State: NM

Zip: 87107

**NOI Preparer (Complete if NOI was prepared by someone other than the certifier):**

Prepared by (First Name, Middle Initial, Last Name): Paul M Kavanaugh

Organization: SANTA FE COUNTY

Phone: 505 992 3010

Fax (Optional):

E-mail: pkavanau@santafecounty.org

**IV. Project/Site Information**

Project/Site Name: Herrada Road Improvements

Project/Site Address:

Street/Location: Herrada Road Improvements P.O. Box 276

City: Santa Fe

State: NM

Zip: 87504

County or similar government subdivision: Santa Fe

**For the project/site for which you are seeking permit coverage, provide the following information:**

Latitude/Longitude (Use one of three possible formats, and specify method)

Latitude 1. <u>35.28.45</u>	N(degrees, minutes, seconds)	Longitude 1. <u>106.18.50</u>	W(degrees, minutes, seconds)
2. _____	N(degrees, minutes, decimal)	2. _____	W(degrees, minutes, decimal)
3. _____	N(degrees, decimals)	3. _____	W(degrees, decimals)

Latitude/Longitude Data Source:  U.S.G.S topographical map  EPA Web Site  GPS  Other: \_\_\_\_\_

If you used a U.S.G.S. topographic map, what was the scale? 7000:1

Horizontal Reference Datum:  NAD 27  NAD 83 or WGS 84  Unknown

Is your project located in Indian Country lands?  Yes  No

If yes, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable), or if not in Indian country, provide the name of the Indian tribe associated with the property:

Are you requesting coverage under this NOI as a "federal operator" as defined in Appendix A?  Yes  No

Estimated Project Start Date: 09/08/2014 Estimated Project Completion Date: 11/11/2014

Estimated Area to be Disturbed (to the nearest quarter acre): 18.25

Have earth-disturbing activities commenced on your project/site?  Yes  No

If yes, is your project an emergency-related project?  Yes  No

Have stormwater discharges from your project/site been covered previously under an NPDES permit?  Yes  No

If yes, provide the Tracking Number if you had coverage under EPA's CGP or the NPDES permit number if you had coverage under an EPA individual permit:

**V. Discharge Information**

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)?  Yes  No

Are there any surface waters within 50 feet of your project's earth disturbances?  Yes  No

**Receiving Waters and Wetlands Information: (Attach a separate list if necessary)**

Surface water(s) to which discharge	Impaired Water	Listed Water Pollutant(s)	Tier 2, 2.5 or 3	Source	TMDL Name and Pollutant
Tributaries to Rio Grande	No		No	nmed	

Describe the methods you used to complete the above table: Please refer to the Source(s) in the above table.

**VI. Chemical Treatment Information**

Will you use polymers, flocculants, or other treatment chemicals at your construction site?  Yes  No

If yes, will you use cationic treatment chemicals\* at your construction site?  Yes  No

If yes, have you been authorized to use cationic treatment chemicals by your applicable EPA Regional Office in advance of filing your NOI?  Yes  No

If you have been authorized to use cationic treatment chemicals by your applicable EPA Regional Office, attach a copy of your authorization letter and include documentation of the appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards.

Please indicate the treatment chemicals that you will use:

\* Note: You are ineligible for coverage under this permit unless you notify your applicable EPA Regional Office in advance and the EPA office authorizes coverage under this permit after you have included appropriate controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to a violation of water quality standards.

### VII. Stormwater Pollution Prevention Plan (SWPPP) Information

Has the SWPPP been prepared in advance of filing this NOI?

Yes  No

#### SWPPP Contact Information:

First Name, Middle Initial, Last Name: Len Horan

Organization: Indigo of New Mexico

Phone: 505 699 5913

Fax (Optional):

E-mail: ljh@indigoengineeringnm.com

### VIII. Endangered Species Protection

Using the instructions in Appendix D of the CGP, under which criterion listed in Appendix D are you eligible for coverage under this permit (only check 1 box)?

A  B  C  D  E  F

Provide a brief summary of the basis for criterion selection listed in Appendix D (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service, specific study): U.S. Fish and Wildlife Service

If you select criterion B, provide the Tracking Number from the other operator's notification of authorization under this permit:

If you select criterion C, you must attach a copy of your site map (see Part 7.2.6 of the permit), and you must answer the following questions:

What federally-listed species or federally-designated critical habitat are located in your "action area": Mexican Spotted owl

What is the distance between your site and the listed species or critical habitat (miles): 12 miles

If you select criterion D, E, or F, attach copies of any letters or other communications between you and the U.S. Fish and Wildlife Service or National Marine Fisheries Service.

### IX. Historic Preservation

Is your project/site located on a property of religious or cultural significance to an Indian tribe?

Yes  No

If yes, provide the name of the Indian tribe associated with the property:

Are you installing any stormwater controls as described in Appendix E that require subsurface earth disturbance? (Appendix E, Step 1)

Yes  No

If yes, have prior surveys or evaluations conducted on the site have already determined historic properties do not exist, or that prior disturbances have precluded the existence of historic properties? (Appendix E, Step 2)

Yes  No

If no, have you determined that your installation of subsurface earth-disturbing stormwater controls will have no effect on historic properties? (Appendix E, Step 3)

Yes  No

If no, did the SHPO, THPO, or other tribal representative (whichever applies) respond to you within the 15 calendar days to indicate whether the subsurface earth disturbances caused by the installation of stormwater controls affect historic properties? (Appendix E, Step 4)

Yes  No

If yes, describe the nature of their response:

- |                          |  |
|--------------------------|--|
| <input type="checkbox"/> | Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions. |
| <input type="checkbox"/> | No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater controls.            |
| <input type="checkbox"/> | Other:   |

### X. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name, Middle Initial, Last Name: David otoski

Title:

Signature:

Date: Friday, September 5, 2014

E-mail: jaime@msconstructors.com

# ***EXHIBIT B***

**INITIAL**

**1.3 Letter of Designation (Owner – Santa Fe County)**

“Director”  
US EPA Region 6  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, DC 20460

RE: Letter of designation in accordance with CGP Appendix G. 11. B.

Dear Director:

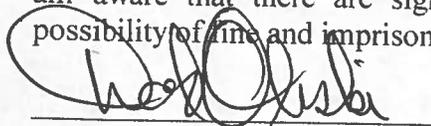
This letter serves to designate either a person or specifically described position as an authorized person for signing reports, storm water pollution prevention plans, certifications or other information requested by the Director or required by the permit. This authorization cannot be used for signing an NPDES permit application (e.g. Notice of Intent (NOI)) in accordance with 40 CFR 122.22. The following person or position is hereby authorized to sign reports, plans or certifications other than the NOI application:

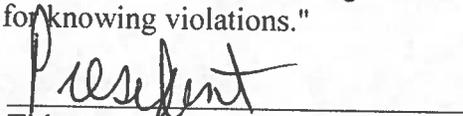
Name: Len Horan Indigo – 505 699 5913 Position: Inspector

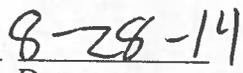
By signing this authorization, I confirm that I meet the following requirements to make such a designation as set forth in either Appendix G.1 of the Construction general permit [63 Fed Reg 36506] or Part 9.7. of the Multi-Sector General Permit [65 Fed Reg 64746-64880].

For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function or any other person who performs similar policy or decision making functions for the corporation; or the manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25,000,000 (in second quarter 1980 dollars) if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively. For a municipality, State, Federal or other public agency: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes (1) the chief executive officer of the agency, or (2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g. Regional Administrators of EPA).

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

  
Name

  
Title

  
Date

**CORRECTED**

**1.3 Letter of Designation (OWNER – Santa Fe County)**

"Director"  
US EPA Region 6  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, DC 20460

RE: Letter of designation in accordance with CGP Appendix I. 11. 2.

Dear Director:

This letter serves to designate either a person or specifically described position as an authorized person for signing reports, storm water pollution prevention plans, certifications or other information requested by the Director or required by the permit. This authorization cannot be used for signing an NPDES permit application (e.g. Notice of Intent (NOI)) in accordance with 40 CFR 122.22. The following person or position is hereby authorized to sign reports, plans or certifications other than the NOI application:

Name: Indigo SWPPP Inspector Position: INSPECTOR

By signing this authorization, I confirm that I meet the following requirements to make such a designation as set forth in either Appendix I.11.2 of the Construction general permit [63 Fed Reg 36506] or Part 9.7. of the Multi-Sector General Permit [65 Fed Reg 64746-64880].

For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function or any other person who performs similar policy or decision making functions for the corporation; or the manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25,000,000 (in second quarter 1980 dollars) if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively. For a municipality, State, Federal or other public agency: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes (1) the chief executive officer of the agency, or (2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g. Regional Administrators of EPA).

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name

Title

**Adam Leigland, PE, AICP**  
**Director, Public Works**

**OCT 20 2017**  
Date

# ***EXHIBIT C***

## 1.0 OVERVIEW

### 1.1 Project Information

# INITIAL

#### PROJECT INFORMATION

Project Name: Herrada Road Improvements  
Control Number: PN:2013-0194 PW/MS  
Project Location: Herrada Road  
Eldorado, NM 87508  
Santa Fe County  
Site Area (Gross Acres): 18.25  
Site Area (Disturbed Acres): 18.25  
USGS Location: 35° 28' 45" N  
106° 18' 50" W

#### OWNER INFORMATION

Owner: Santa Fe County  
Address: 102 Grant Ave  
Santa Fe, NM 87501  
Phone: (505) 992-3010  
Fax: Unknown  
Contact: Unknown

#### GENERAL CONTRACTOR/OPERATOR INFORMATION

General Contractor: Mountain States Constructors, Inc.  
Address: 3601 Pan American Fwy NE #111  
Albuquerque, NM 87107  
Phone: (505)292-0108  
Fax: (505)292-5311  
Contact: Jaime Castillo

#### PROJECT SITE INFORMATION

Receiving Water(s): Tributaries to the Rio Grande  
Indian Lands: This project is not on Indian Lands  
Estimated Project Start Date: 9/1/14  
Estimated Project End Date: 1/31/15  
NPDES Permit: ID Number is: NMR12AY68

## 1.0 OVERVIEW

### 1.1 Project Information

#### PROJECT INFORMATION

Project Name: Herrada Road Improvements  
Control Number: PN:2013-0194 PW/MS  
Project Location: Herrada Road  
Eldorado, NM 87508  
Santa Fe County  
Site Area (Gross Acres): 18.25  
Site Area (Disturbed Acres): 18.25  
USGS Location: 35° 28' 45" N  
106° 18' 50" W

#### OWNER INFORMATION

Owner: Santa Fe County  
Address: 102 Grant Ave  
Santa Fe, NM 87501  
Phone: (505) 992-3018  
Fax: (505) 992-9869  
Contact: Chuck Vigil

#### GENERAL CONTRACTOR/OPERATOR INFORMATION

General Contractor: Mountain States Constructors, Inc.  
Address: 3601 Pan American Fwy NE #111  
Albuquerque, NM 87107  
Phone: (505)292-0108  
Fax: (505)292-5311  
Contact: Jaime Castillo

#### PROJECT SITE INFORMATION

Receiving Water(s): Tributaries to the Rio Grande  
Indian Lands: This project is not on Indian Lands  
Estimated Project Start Date: 9/1/14  
Estimated Project End Date: 1/31/15  
NPDES Permit: ID Number is: NMR12AY68

# MOUNTAIN STATES CONSTRUCTORS, INC.

3601 Pan American Freeway • Suite 111 • Albuquerque, NM 87107  
Tel: 505 292 0108 • Fax: 505 292 5311



11/17/14

Attn:  
Racquel Douglas, USEAP (6EN)  
1445 Ross Ave.  
Dallas, Texas, 75202

Cc: Mr. Adam Leigland  
Public Works Director  
Santa Fe County

Re: Mountain States Constructors, Inc.; Minor Construction Stormwater; SIC 1522;  
NPDES Compliance Evaluation Inspection; NPDES Permit NMR12AY68; October 15,  
2014

Ms. Douglas,

This letter is in response to the compliance inspection conducted on October 15<sup>th</sup> by the New Mexico Environment Department on behalf of the USEPA and the resulting letter issued by Bruce Yurdin dated November 3<sup>rd</sup>, 2014.

We appreciate the opportunity to improve our storm water team's effectiveness. Mountain States has been working in coordination with Santa Fe County to take all corrective action necessary to ensure that the site Best Management Practices mitigate any potential sources of surface water pollutants and to make sure that the Storm water Pollution Prevention Plan is current, accurate, and complies with all requirements.

Specifically, including the actions described in the letter by Santa Fe County (attached), the following actions have been taken in response to the *inspection comments*:

***SWPPP Signed/Certified***

*N*

Corrective Actions – All SWPPP pages have been signed by both Operators. The SWPPP was prepared in advance of NOI being filed, but the original SWPPP signature pages and certifications were both signed by our President, resulting in no signature page being evident of Santa Fe County to sign.

***Post-Authorization Additions***

*N*

Corrective Actions – Although NOI copies were filed in a SWPPP book copy, it was not the active SWPPP document onsite. Our stormwater team has reviewed and corrected our internal process for maintaining an active document onsite.

# MOUNTAIN STATES CONSTRUCTORS, INC.

3601 Pan American Freeway • Suite 111 • Albuquerque, NM 87107  
Tel: 505 292 0108 • Fax: 505 292 5311



***If applicable, SWPPP describes compliance with any case-by-case basis USEPA imposed water quality based effluent limitation requirements.*** ***N***

RUSLE calculations have been attached and the SWPPP consultant has revised the SWPPP book to include these calculations and New Mexico requirements.

***Identifies stormwater team personnel and responsibilities.*** ***N***

Specific storm water team members individually identified instead of general descriptions.

***Is staff training documented?*** ***N***

Site Superintendent conducted SWPPP training in conjunction with safety and operational training on Monday mornings – now documented on page 10.

***Describes nature of activities?*** ***N***

This is a part of the attached Site Map – total site and disturbed acreage, limits of construction and disturbance added. Dates and initials of installation personnel were existing prior to inspection as was the location of nearest endangered species habitat. This is attached.

***Describes sequence, estimated dates (departures) and duration of construction activities?*** ***N***

Page 7 of the SWPPP. Now filled out to include Phase II of the project (East of Compadre) and when Wattle was installed on phase II.

***Includes legible site maps?*** ***N***

Attached site map

***Describes each measure?*** ***N***

The BMPs for this project were designed by a Professional Civil Engineer, and at the time of the inspection the wattles were in operational condition. The construction plans included Temporary Erosion and Sediment Control Plan which were onsite at all times. Additional BMPs were scheduled and installed the day after the inspection.

***Describes erosion and sediment control maintenance requirements?*** ***N***

The BMPs for this project were designed by a Professional Civil Engineer, and at the time of the inspection the wattles were in operational condition. A small (3') section of wattle damaged on Phase I side of project that wasn't identified on inspection report. It was located on top side of discharge (top of ditch) and wasn't actually needed any longer to protect site (it had been during initial phases). It was immediately repaired after the inspection.

# MOUNTAIN STATES CONSTRUCTORS, INC.

3601 Pan American Freeway • Suite 111 • Albuquerque, NM 87107  
Tel: 505 292 0108 • Fax: 505 292 5311



***Describes constructed conveyance channel controls (if installed)?***

***N***

The BMPs for this project were designed by a Professional Civil Engineer, and the stormwater management team onsite does not recommend the need to install CDs to dissipate flow. There are over 80 culverts with riprap pads on the downstream side on a minimum slope channel with no scour velocity. The existing BMPs performed adequate job of dissipating stormwater flows and minimizing sedimentation.

***Describes compliance with deadlines for vegetative and/or non-vegetative stabilization practices, including exceptions?***

***N***

Page 7 of the SWPPP documents dates of revegetation with page 12 identifying responsible parties.

***SWPPP describes procedures for inspection, maintenance, and corrective action?***

***N***

Pages 15 to 17 outline the procedure of inspections

***Inspection includes minimum requirements?***

***N***

Pages 15 to 17 outline the minimum requirements.

In summary, the inspection and reporting elements of this SWPPP have been improved and final stabilization BMPs have been implemented for this site. This site did not discharge any sediment laden waters during recorded rain events, and site practices and BMPs were effective in mitigating any potential sources of storm water pollution.

I have attached the modified document pages for your review.

Please contact me directly at your convenience if you require any additional details or information to finalize your review of this inspection.

Sincerely,

**Robert Demeule, PE**

Robert Demeule, PE, Project Manager  
Mountain States Constructors, Inc.

### 1.4 Project Description

The Herrada Road Improvement Project will fundamentally consist of improving the present Herrada Road in Eldorado in Santa fe Couty, New Mexico. There will be clearing, grubbing, grading, drainage improvements including outfall structures, final grading, and finish work.

*Soil disturbing activities will include but are not limited to:* Clearing and grubbing, rough grading, sub excavation, and installation of erosion and sediment control measures.

### 1.5 Site Map/General Location Map[s]/Areas of Soil Disturbance

See next page for location of project, rainfall calculations, and soil maps used for RUSLE calculations.

### 1.6 Scope of Work to be Completed

The construction activities will consist of:

BOP  
Phase I - West of Compadres  
Phase II - East of Compadres to EOP

Item	Begin PH I	PH II	End PH I	PH II
Installation of BMPs	9/8/14	10/17/14	9/9/14	10/18/14
Clearing and Grubbing	9/10/14	10/1	9/23/14	10/10
Subexcavation/trenching	None			
Drainage structures/culverts	9/24	10/1	10/10	10/10
Paving	10/10	10/12	10/13	10/14
Finish Work	10/13	10/13	10/22	10/22
Final Grading	10/11	10/11	10/22	10/22
Revegetation	10/24	10/24	10/25	10/25

### 1.7 Measures to Prevent Pollutant Discharge into Waters of the US/Surface Water Protection

It is the intent of the Owner/Operator and Contractor/Operator to provide and comply with permitted coverage requirements until 70% of the original vegetated state [prior to disturbance] of the area is evenly stabilized back to an original non-disturbed vegetated percentage. At such time, this SWPPP will be amended to reflect the termination of coverage and a Notice of Termination [NOT] will be filed.

Required temporary erosion and sediment control devices will be installed prior to the commencement of construction activities on the Herrada Road Improvement Project to prevent and control soil loss. While construction activities are occurring within the project; the appropriate control measures will be implemented by the operators in areas of soil disturbance to direct runoff and ensure that the transport of pollutants and sediment are minimized during storm water events.



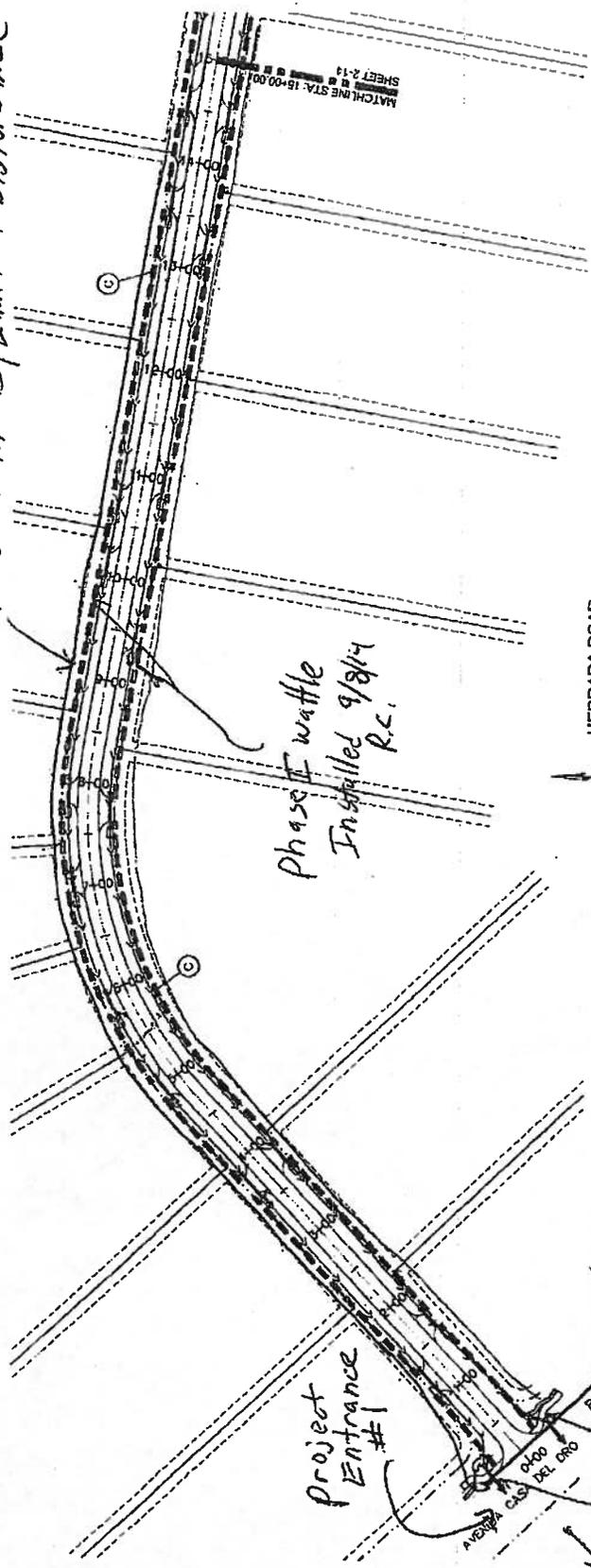
SANTA FE COUNTY ID#  
PN: 2013-0184-PWMS

Santa Fe Engineering  
EC Consultants, LLC

SHEET NO.  
2-13

Total site Area: 24.2ac within R/W  
Total Disturbed Area: 18.2ac

Project limits/Limit of Disturbance



LEGEND

- INSTALL BMP
- FLOW DIRECTION
- DISCHARGE POINT
- COMPOSTED MULCH SOCK
- SLOPE LIMITS
- RIGHT-OF-WAY

NOTE:  
1. THIS PLAN SHOWS TEMPORARY BMPs AT THEIR LOCATIONS AFTER ALL FINAL GRADING IS COMPLETE. THESE BMPs ARE TO BE INSTALLED PRIOR TO THE BEGINNING OF CONSTRUCTION. ANY PLACEMENT OF TEMPORARY EROSION CONTROL BMPs DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FACILITATE CONSTRUCTION OPERATIONS AND PHASING AND TO ELIMINATE SEDIMENT FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH THE "CONSTRUCTION GENERAL PERMIT". BMP QUANTITIES ARE BASED ON THESE TESCH PLAN SHEETS. PRIOR TO REMOVING ANY BMPs, SANTA FE COUNTY SHALL BE NOTIFIED FOR APPROVAL.

HERRADA ROAD  
SCALE: 1" = 50'

SCALE: 1" = 60'

NO.	REVISION	DATE	BY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			



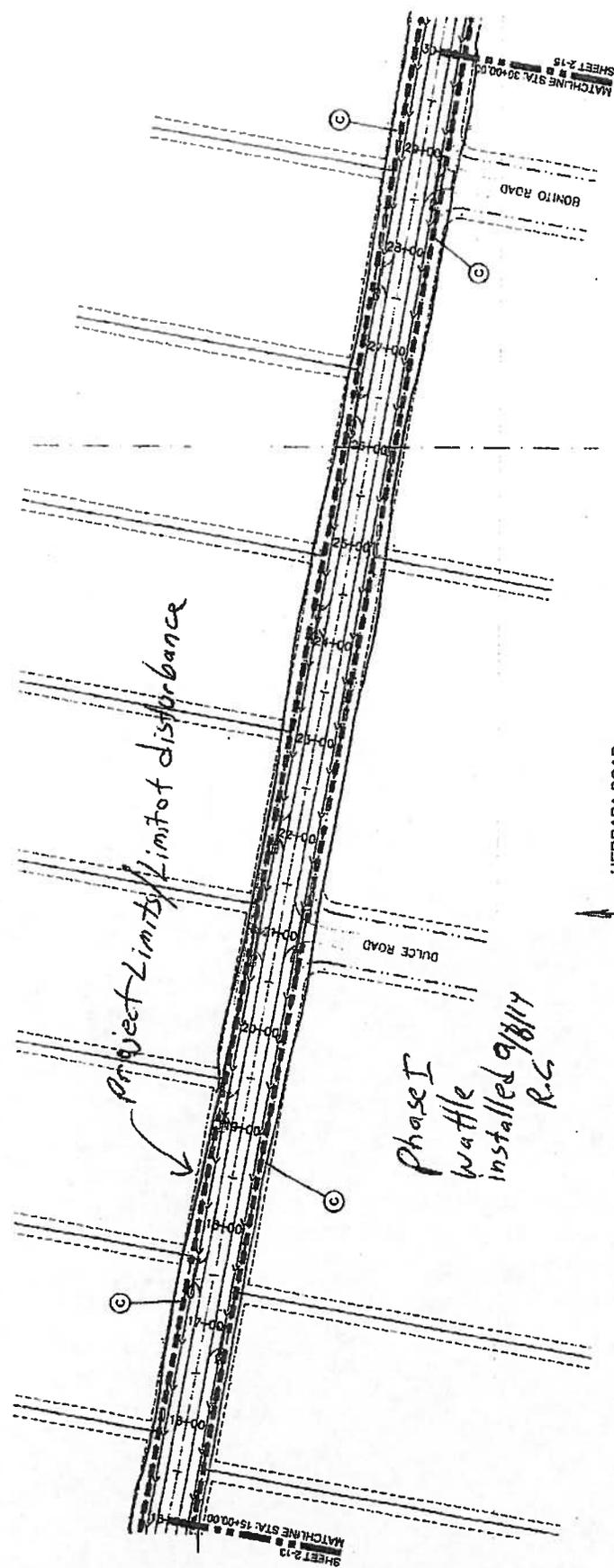
ROADWAY IMPROVEMENT PLANS  
FOR HERRADA ROAD  
PN: 2013-0184-PWMS  
CONSTRUCTION PLANS  
TESCH PLAN  
(BASE BID - BID LOT 1)



DATE: FEBRUARY 2014  
SCALE: 1" = 50'  
SHEET: 2-13

SANTA FE COUNTY ID#  
 PIN: 2013-0194-PWIMS  
 2-14

Santa Fe Engineering  
 EC Consultants, LLC



NO.	DESCRIPTION	DATE	BY
1	DESIGN		
2			
3			
4			

  
 ROADWAY IMPROVEMENT PLANS  
 FOR HERRADA ROAD  
 PIN: 2013-0194-PWIMS  
 CONSTRUCTION PLANS  
 TESCOM PLAN (CONT'D)  
 (BASE BID - BID LOT 1)  
 DATE: FEBRUARY 2014  
 SCALE: 1" = 50'  
 SHEET: 2-14

NOTE:  
 1. THIS PLAN SHOWS TEMPORARY BMPs IN THEIR LOCATIONS AFTER ALL FINAL GRADING IS COMPLETE AND BEFORE RESEEDING. ANY PLACEMENT OF TEMPORARY EROSION CONTROL BMPs DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FACILITATE CONSTRUCTION OPERATIONS AND PHASING AND TO ELIMINATE SEDIMENT FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH THE "CONSTRUCTION GENERAL PERMIT" BMP QUANTITIES ARE BASED ON THESE TESCOM PLAN SHEETS PRIOR TO REKEYING ANY BMPs. SANTA FE COUNTY SHALL BE NOTIFIED FOR APPROVAL.

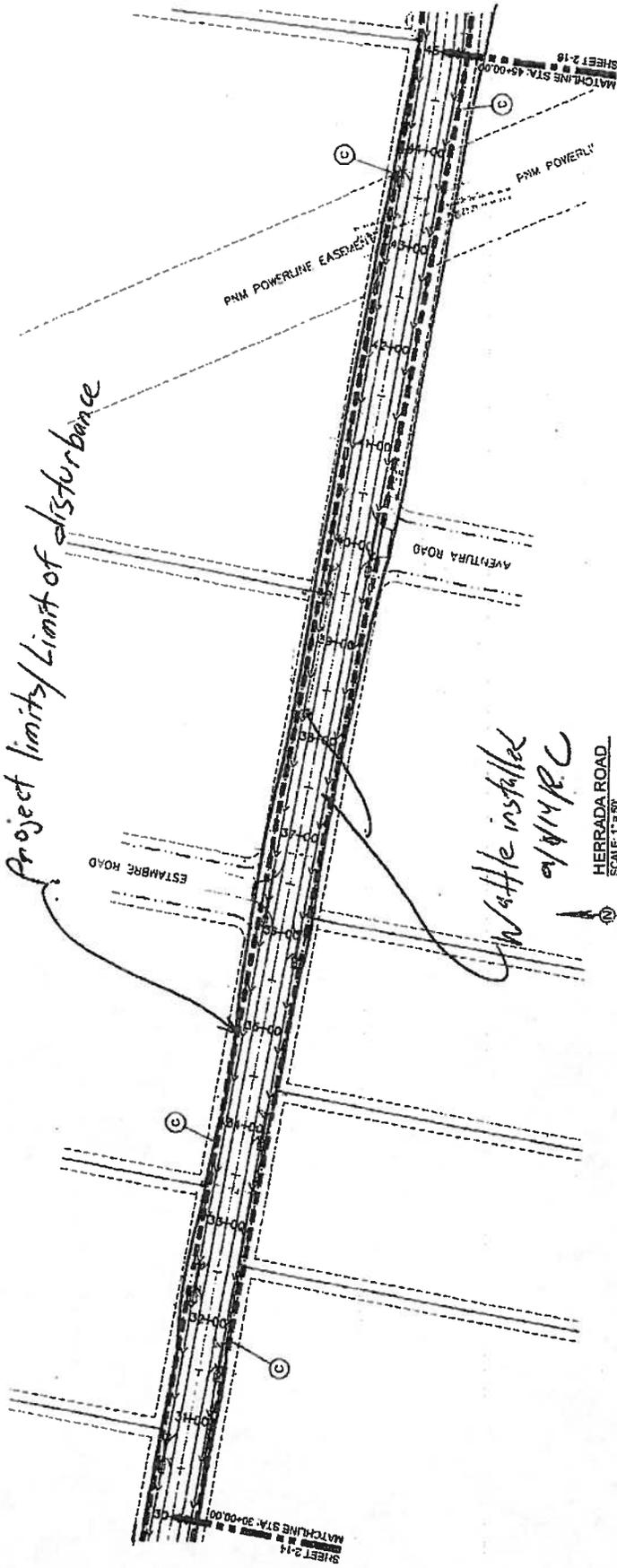
LEGEND

	INSTALL BMP
	FLOW DIRECTION
	DISCHARGE POINT
	COMPOSTED MULCH SOCK
	SLOPE LIMITS
	RIGHT-OF-WAY



Santa Fe Engineering  
E.C. Consultants, LLC

SANTA FE COUNTY ID#  
PN: 2013-0194-PWMS  
SHEET NO. 2-16



- LEGEND**
- INSTALL BMP
  - FLOW DIRECTION
  - DISCHARGE POINT
  - COMPOSTED MULCH SOCK
  - SLOPE LIMITS
  - RIGHT-OF-WAY

**NOTE:**  
1. THIS PLAN SHOWS TEMPORARY BMPs IN THEIR LOCATIONS AFTER ALL FINAL GRADING IS COMPLETE AND BEFORE RESEEDING. ANY PLACEMENT OF TEMPORARY EROSION CONTROL BMPs DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FACILITATE CONSTRUCTION OPERATIONS AND PHASING AND TO ELIMINATE BEDDIMENT FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH THE "CONSTRUCTION GENERAL PERMIT". BMP QUANTITIES ARE BASED ON THESE TESCm PLAN SHEETS. PRIOR TO REMOVING ANY BMPs, SANTA FE COUNTY SHALL BE NOTIFIED FOR APPROVAL.

2.

ROADWAY IMPROVEMENT PLANS  
FOR HERRADA ROAD  
PN: 2013-0194-PWMS  
CONSTRUCTION PLANS  
TESCM PLAN (CONTD)  
(BASE BID - BID LOT 1)

DATE: FEBRUARY 2014  
SCALE: 1" = 50'

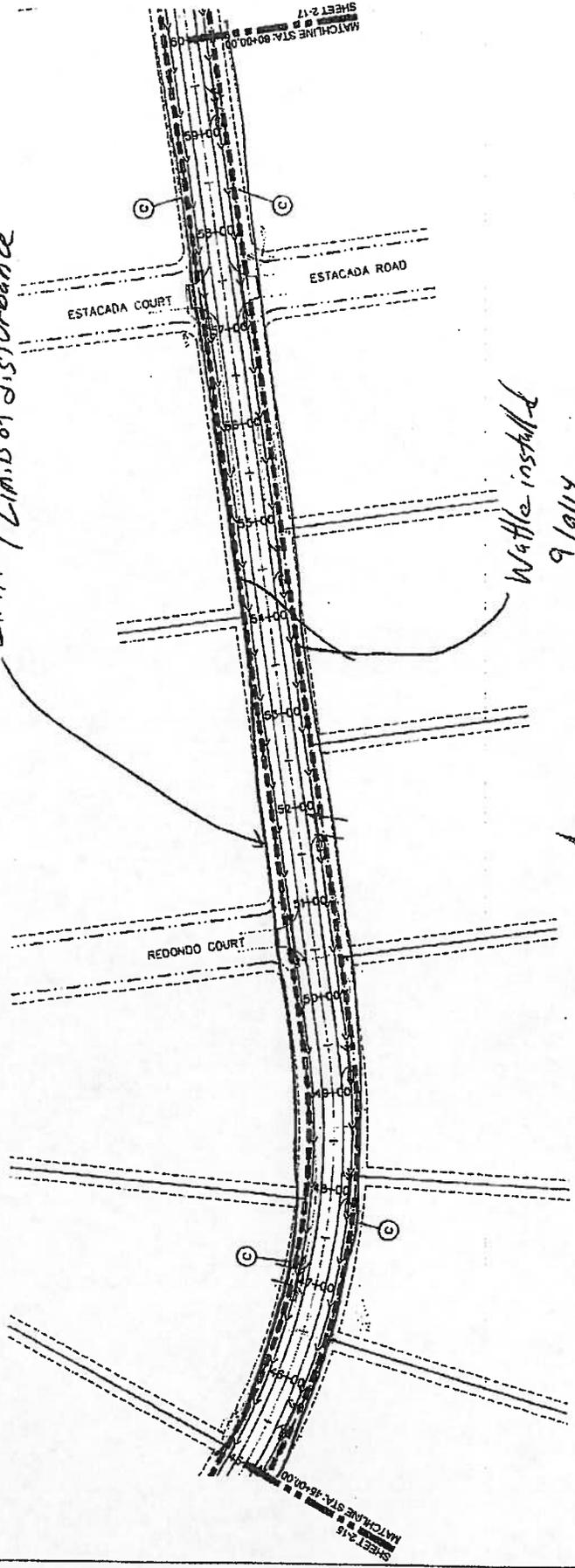
DATE: FEBRUARY 2014  
SCALE: 1" = 50'



SANTA FE COUNTY ID#  
 PN: 2013-0184-PVWMS  
 SHEET NO. 2-16

SF Santa Fe Engineering  
 EC Consultants, LLC

*Project Limits / Limits of Disturbance*



HERRADA ROAD  
 SCALE: 1" = 50'



LEGEND

- INSTALL BMP
- FLOW DIRECTION
- DISCHARGE POINT
- COMPOSTED MULCH SOCK
- SLOPE LIMITS
- RIGHT-OF-WAY

- NOTE:
- THIS PLAN SHOWS TEMPORARY BMPs IN THEIR LOCATIONS AFTER ALL FINAL GRADING IS COMPLETE AND BEFORE RESEEDING. ANY PLACEMENT OF TEMPORARY EROSION CONTROL BMPs DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FACILITATE CONSTRUCTION OPERATIONS AND PHASING AND TO ELIMINATE SEDIMENT FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH THE "CONSTRUCTION GENERAL PERMIT". BMP QUANTITIES ARE BASED ON THESE TESCOM PLAN SHEETS. BMP TO BE INSTALLED BY CONTRACTOR. SANTA FE COUNTY SHALL BE NOTIFIED FOR APPROVAL.

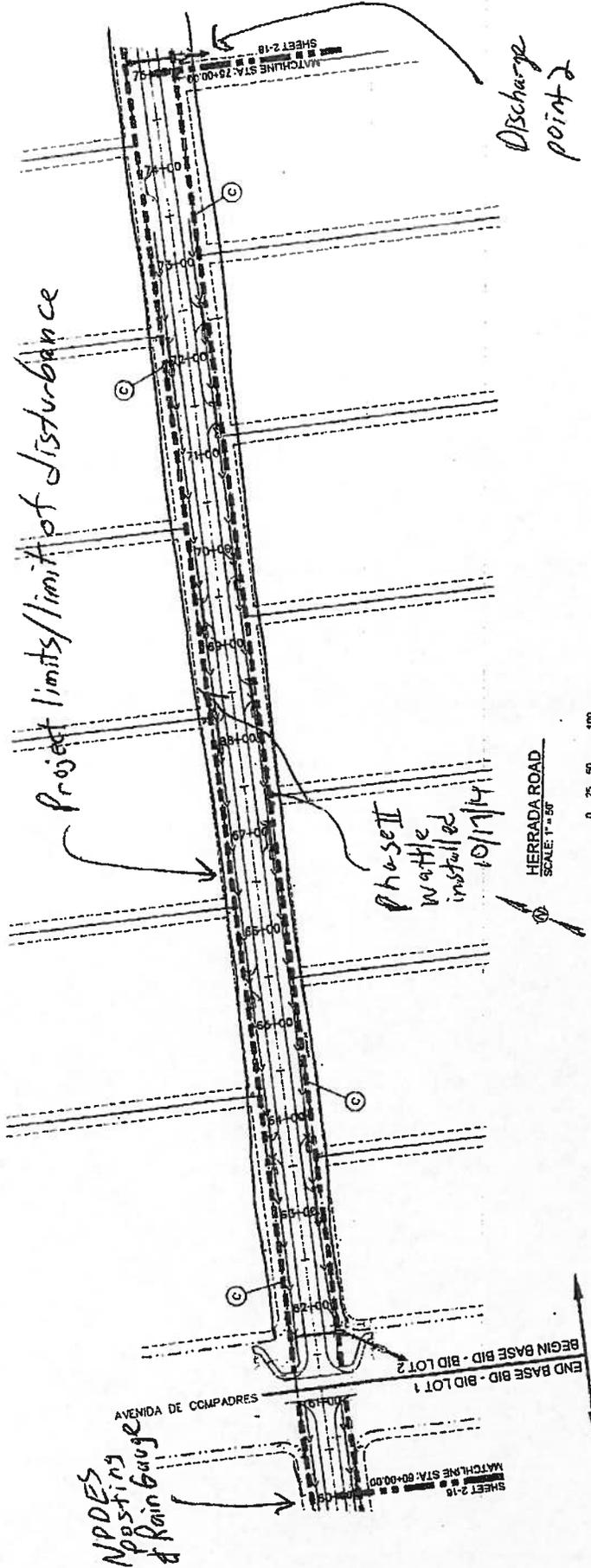


ROADWAY IMPROVEMENT PLANS  
 FOR HERRADA ROAD  
 PN: 2013-0184-PVWMS  
 CONSTRUCTION PLANS  
 TESCOM PLAN (COUNT)  
 (RANGE 810 - BID LOT 1)

DATE: FEBRUARY 2014  
 SCALE: 1" = 50'  
 SHEET NO. 2-16

SF Santa Fe Engineering  
EC Consultants, LLC

SANTA FE COUNTY ID#	
SHEET NO.	2-17
PN: 2013-0194-PWMS	



HERRADA ROAD  
SCALE: 1" = 50'

LEGEND

	INSTALL BMP
	FLOW DIRECTION
	DISCHARGE POINT
	COMPOSTED MULCH SOCK
	SLOPE LIMITS
	RIGHT-OF-WAY

NOTE:  
1. THIS PLAN SHOWS TEMPORARY BMPs IN THEIR LOCATIONS UNTIL FINAL GRADING IS COMPLETE AND BEFORE RESIDUAL GRADING OF TEMPORARY EROSION CONTROL BMPs. DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION OPERATIONS AND PHASED AND ELIMINATE SEDIMENT FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH THE "CONSTRUCTION GENERAL PERMIT" BMP QUANTITIES ARE BASED ON THESE TESSOM PLAN SHEETS. PRIOR TO REMOVING ANY BMPs, SANTA FE COUNTY SHALL BE NOTIFIED FOR APPROVAL.

2.



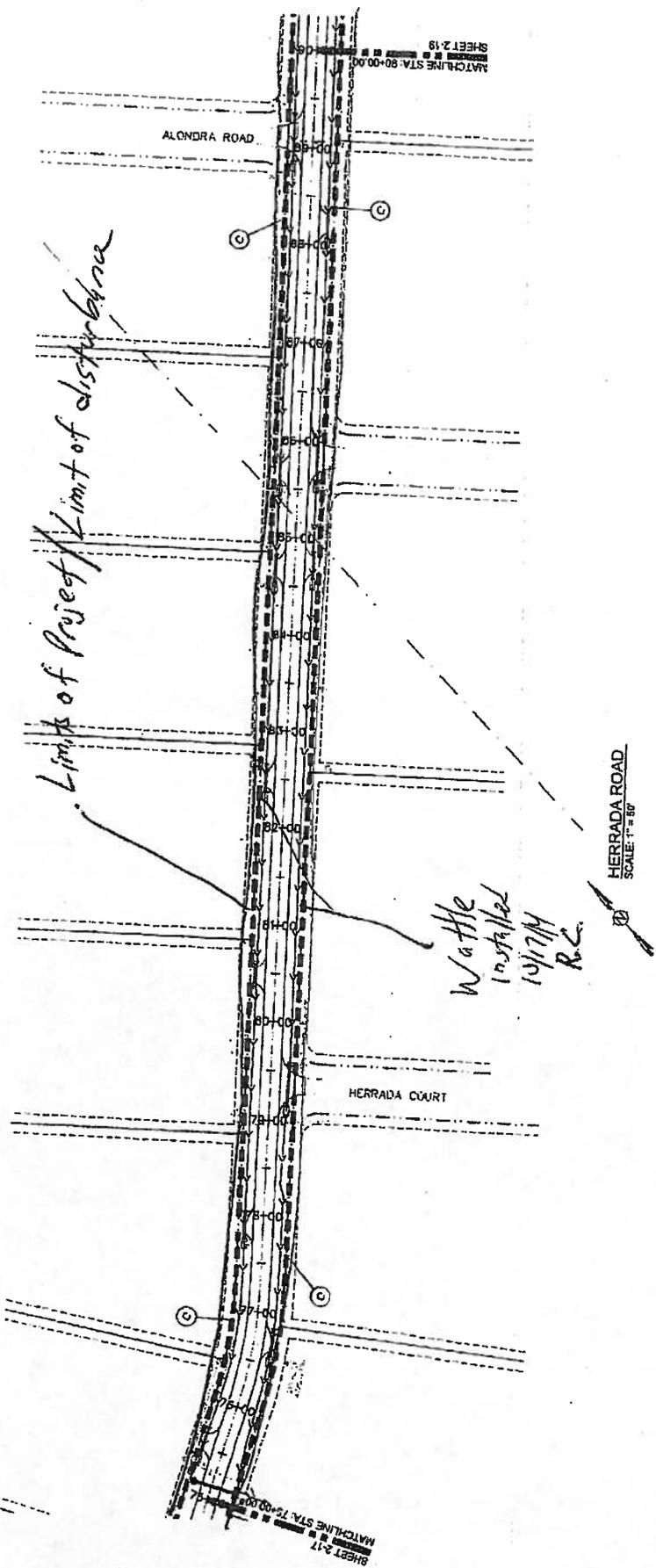
ROADWAY IMPROVEMENT PLANS  
FOR HERRADA ROAD  
PN: 2013-0194-PWMS  
CONSTRUCTION PLANS  
TESSOM PLAN (CORTO)  
(BASE BID - BID LOT 1 & BID LOT 2)

DATE	SCALE	SHEET
FEBRUARY 2014	1" = 50'	2-17

Santa Fe Engineering  
EC Consultants, LLC

SANTA FE COUNTY ID#  
PN: 2013-0184-PWMS

SHEET NO. 2-18



**LEGEND**

INSTALL BMP	--- ---
FLOW DIRECTION	→
DISCHARGE POINT	⊕
COMPOSTED MULCH SOCK	⊙
SLOPE LIMITS	- - - - -
RIGHT-OF-WAY	--- ---

HERRADA ROAD  
SCALE: 1" = 50'

**NOTE:**

- THIS PLAN SHOWS TEMPORARY BMP'S IN THEIR LOCATIONS AFTER ALL FINAL GRADING IS COMPLETE AND BEFORE RESIDING. ANY PLACEMENT OF TEMPORARY EROSION CONTROL BMP'S DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FACILITATE CONSTRUCTION OPERATIONS AND PHASING AND TO ELIMINATE SEDIMENT FROM THE CONSTRUCTION SITE IN ACCORDANCE WITH THE CONSTRUCTION GENERAL PERMIT. BMP QUANTITIES ARE BASED ON THESE TESCMI PLAN SHEETS. PRIOR TO REMOVING ANY BMP'S, SANTA FE COUNTY SHALL BE NOTIFIED FOR APPROVAL.



ROADWAY IMPROVEMENT PLANS  
FOR HERRADA ROAD  
PN: 2013-0184-PWMS  
CONSTRUCTION PLANS  
TESCOM PLAN (CONT'D)  
(BASE BID - BID LOT 2)

DATE: FEBRUARY 2014  
SCALE: 1" = 50'

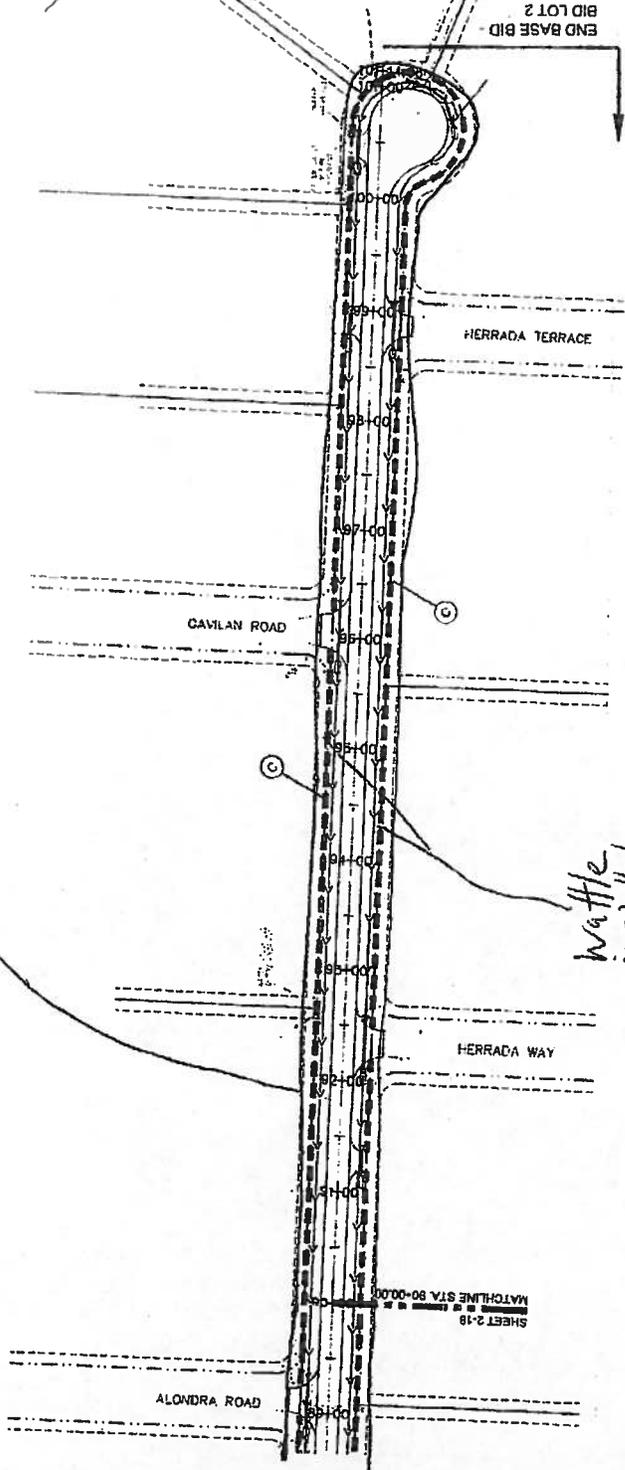
NO.	REVISION	DATE	BY

Santa Fe Engineering  
EC Consultants, LLC

SANTA FE COUNTY ID#  
PN 2013-0194-PWMS

SHEET NO.  
2-18

*Project limits/Limit of disturbance*



*Wattle installed 10/17/14 RL.*

- LEGEND**
- INSTALL BMP
  - FLOW DIRECTION
  - DISCHARGE POINT
  - COMPOSTED MULCH SOCK
  - SLOPE LIMITS
  - RIGHT-OF-WAY

**NOTE:**

1. THIS PLAN SHOWS TEMPORARY BMPs. IN THEIR LOCATIONS AFTER ALL FINAL GRADING IS COMPLETE AND BEFORE RESEEDING, ANY PLACEMENT OF TEMPORARY EROSION CONTROL BMPs DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FACILITATE CONSTRUCTION OPERATIONS AND PHASING AND TO ELIMINATE SEDIMENT FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH THE CONSTRUCTION GENERAL PERMIT. BMP QUANTITIES ARE BASED ON THESE TESC PLAN SHEETS PRIOR TO RELOCATING ANY BMPs. SANTA FE COUNTY SHALL BE NOTIFIED FOR APPROVAL.
- 2.



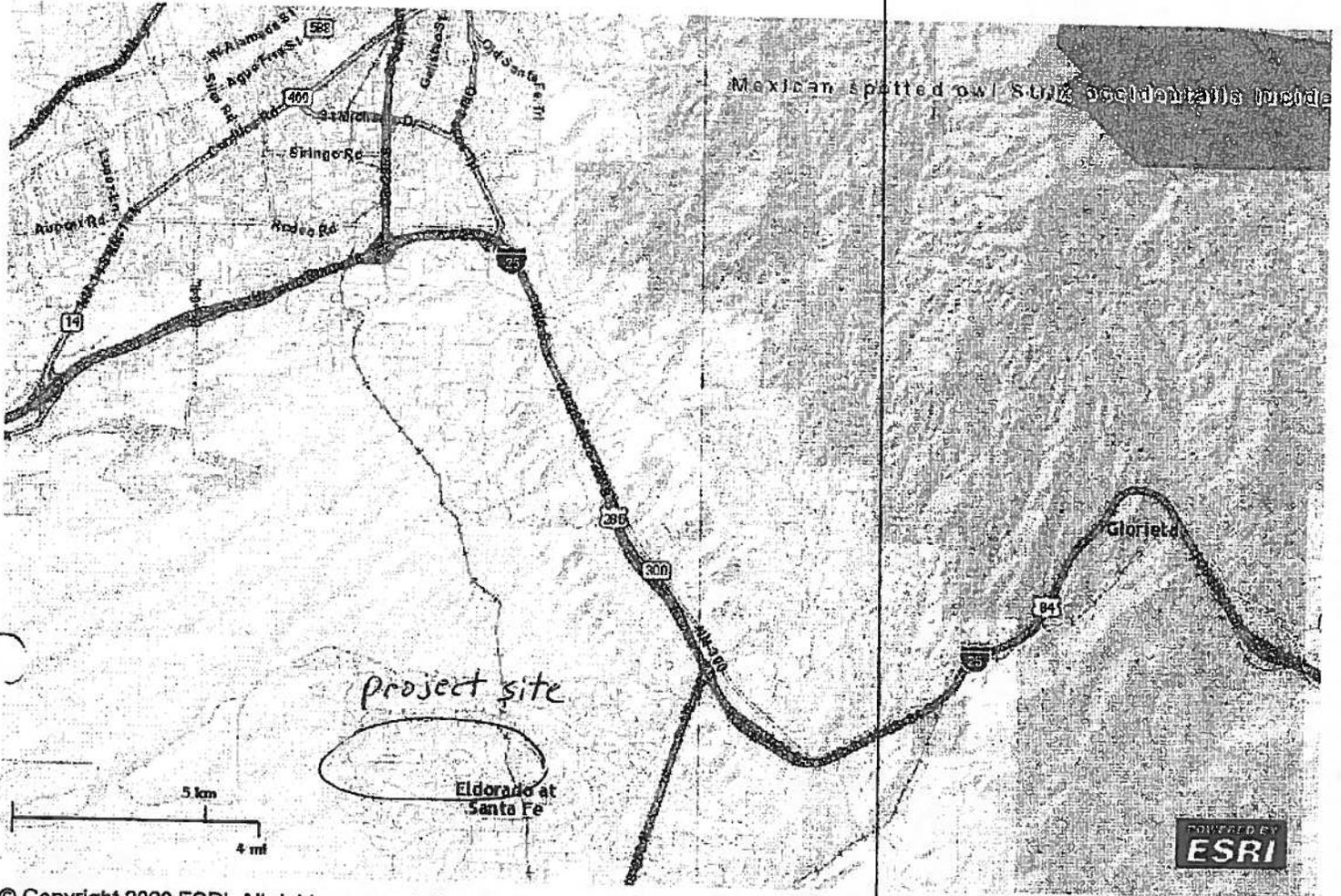
ROADWAY IMPROVEMENT PLANS  
FOR HERRADA ROAD  
PN: 2013-0194-PWMS  
CONSTRUCTION PLANS  
TESCM PLAN (CONT'D)  
(BASE BID - IND LOT 2)



DATE: FEBRUARY 2014  
SCALE: 1" = 50'

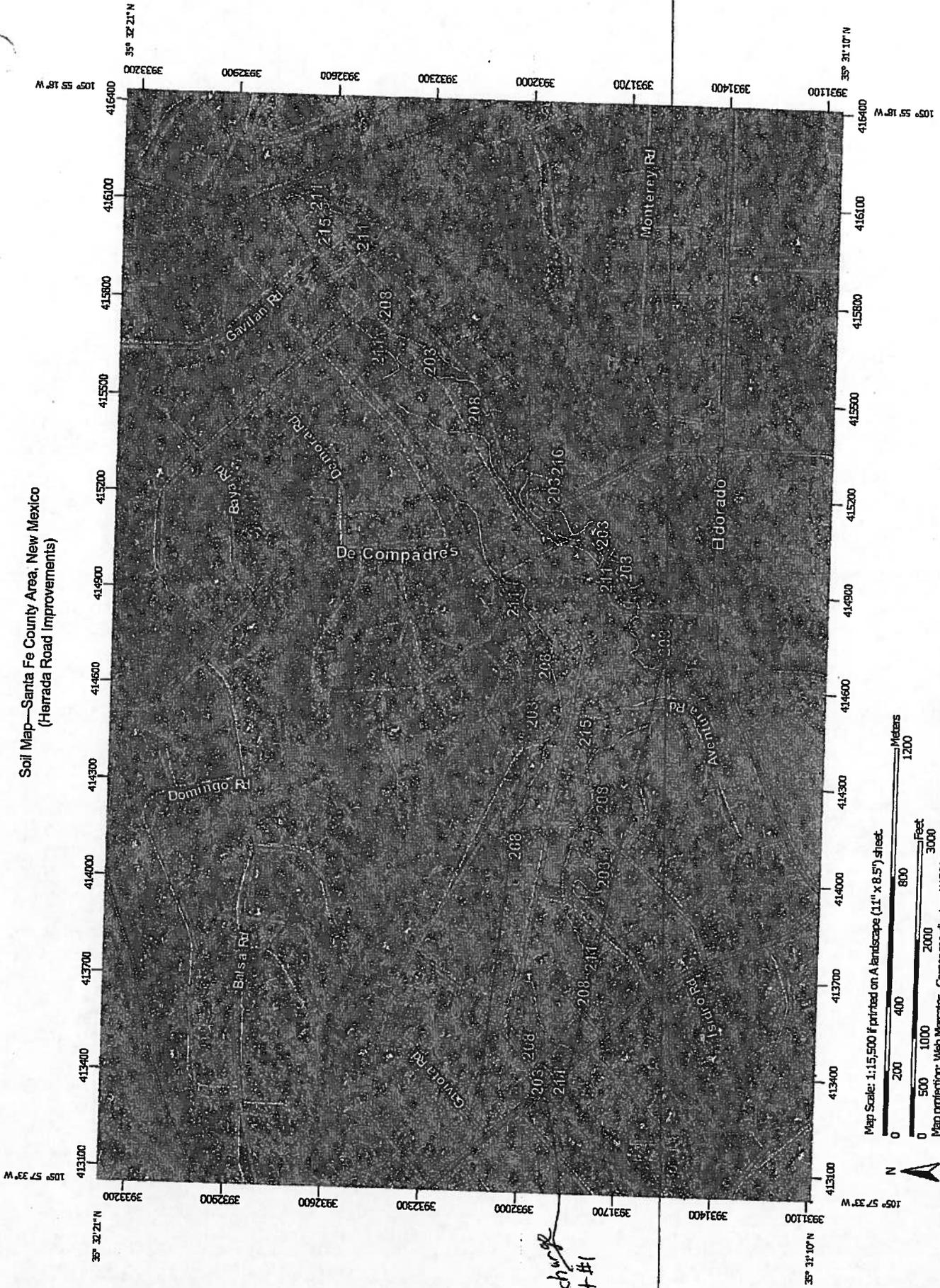
# Flex Viewer

Powered by ArcGIS Server



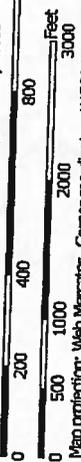
© Copyright 2008 ESRI. All rights reserved. Printed on Sat Aug 16 2014 10:35:14 AM.

Soil Map—Santa Fe County Area, New Mexico  
(Herrada Road Improvements)



*Discharge  
pt #1*

Map Scale: 1:15,500 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

**USDA**  
Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

All control measures will be implemented as soon as it is practical and within 14 days of work cession within locations where construction activities have temporarily or permanently ceased. Control measures may be needed [or implemented] on certain portions of a site where the total time period that construction activity is temporarily ceased for less than 14 days [reference [c] above]. Once construction activities have permanently ceased, final stabilization practices will be applied.

### 1.8 STORM WATER POLLUTION PREVENTION TEAM

The storm water pollution prevention team is responsible for developing, implementing, maintaining and revising this SWPPP. The members of the team are familiar with the management and operations of the Herrada Road Improvement Project.

MSCI INC is in operational control of construction and requested the origination of this SWPPP. Indigo of New Mexico, LLC is delegated and authorized to originate and design the SWPPP for NPDES compliance. The member[s] of the team and their responsibilities [i.e. implementing, maintaining, record keeping, submitting reports, conducting inspections, employee training, conducting the annual compliance evaluation, monitoring for non-storm water discharges and signing the required certifications] are as follows:

NAME & TITLE	RESPONSIBILITY
Santa Fe County 102 Grant Ave Santa Fe, NM 87501 Chuck Vigil (505) 992-3018	Owner/Development Specifications
MSCI 3601 Pan American Fwy NE #111 Albuquerque, NM 87107 Rob Demeule (505) 449 8339	General Contractor/Construction Operations Team
INDIGO of New Mexico Len Horan 505-699-5913	SWPPP & Inspections
Caldon Seeding and Reclamation Richie Caldon (505 850-8412) – at the time and date specified in plan above	Final Stabilization to include Class A seeding on non impervious areas

**1.9 Employee Training and Inspector Training Certificates**

Employee training is a major component in ensuring the success of the project's SWPPP. The more knowledgeable all employees are about the project's SWPPP and what is expected of them, the greater the potential that the plan is successful and is therefore an essential component of this project.

Use the following table to record training conducted:

Name	Company	Signature	Name	Company	Signature
MSCI Crew	M+N States	Conducted	SWPPP training		
	as a part of	their Monday	morning safety		
		- Described BMPs and	Maintenance		
		- spill prevention			
		- Litter			

**1.10 Endangered/Threatened Species/Historical Site/Wetlands Information**

**"Environmental Commitments" sheet is included for reference**

As required by Addendum C of the Construction General Permit, measures were taken to determine the potential effects of storm water runoff and construction related activities on federally listed endangered or threatened species. A thorough review of the area and a comparison made to listed endangered species was conducted. It was determined that the proposed construction would not involve habitat of endangered species. For the purposes of this documentation criterion [C] is utilized on the application for permitting purposes.

A listing of endangered and/or threatened species [animals and plants] and documentation to support any wetland areas located within the project county has been included in the SWPPP attachments (TAB 3).

This site is not located near any sites listed in the National Register of Historic Places in Santa Fe County.

**1.11 Total Maximum Daily Loads**

The State of New Mexico 2010-2012 Integrated Clean Water Act para 303 (d)/para305(b) Report was reviewed to determine existence of TMDLs.

This project discharges to Arroyos that discharge into the Rio Grande. There are no listed impairments or TMDLs associated with this drainage.

## 2.2 Stabilization Practices

*Temporary and Interim Stabilization:* [Also see temporary erosion and sediment control drawing[s] Installation of riprap as inlet protection and at identified sediment discharge areas. It is expected that project will continuously be active, however phasing of pond construction is a viable option to limit excess disturbance. In addition to wattle at discharge inlets, tackifier will be used if any areas that are left exposed for more than 7 days. Tackifier (plantago based m-binder) at manufacturer recommended amounts of 200 lbs per acre will be sprayed on all dormant areas.

*Permanent Stabilization:* Drill Seeded native seed (revegetation) will take place to permanently stabilize project area once work ceases or areas not covered by permanent stabilization (time noted on schedule). Mountain States Constructors and its subcontractor, Caldon Seeding, has final stabilization responsibility.

*Structural Practices [BMP Selection and Description(s)]:*

*Note: Selection and preference of use, of site-specific BMP's follows industry standards and acceptability conforming to loading capacities and durability.*

*Storm Water Management:* Permanent seeding, landscaping and/or permanent stabilization will also take place in outlined/disturbed areas. Native vegetation and swales will control storm flow and velocities of sheet flow.

*Solid Waste Materials:* All waste materials will be collected and stored in a secure area. All trash and construction debris will be deposited in a dumpster or other containment. Dumpster should be emptied at least once per week or as required.

*Fuel and Chemical Hazardous Waste:* All hazardous waste materials will be disposed of in the manner specified by local or state regulations or by manufacturer. All sanitary waste will be collected from the portable units as required.

*Offsite Vehicle Tracking:* A stabilized construction entrance may be installed to help reduce vehicle tracking of sediments. Initially, no entrance will be established and vehicles will be discouraged from entering worksite. A designated parking area will be established at construction yard.

*Control of Dust:* A water truck will be kept on site and apply fine spray to keep dust to a minimum. Watering will be done at a frequency dictated by natural rainfall, wind, and current conditions.

*Post Construction:* Permanent stabilization will aid in stabilizing the project once work is complete. Revegetation will be installed in areas that don't have riprap, concrete, or pavement.

- The support activity is not a commercial operation serving multiple unrelated construction projects by different operators, and does not operate beyond the completion of the construction activity at the last construction project it supports.
- Appropriate controls and measures are identified in the Storm Water Pollution Prevention Plan [SWPPP] covering the discharges from the support activity areas.

4. Discharges composed of allowable discharges listed in 1.3.A. and 1.3.B commingled with discharge authorized by a different NPDES permit and/or a discharge that does not require NPDES permit authorization.

Allowable storm water discharges are addressed as components of this SWPPP.

## 2.4 Potential Sources of Storm Water Pollution

Inventory of potential sources of contamination:

Construction activities have been determined to create significant sources of storm water Contaminants.

The following have been identified as potential sources of storm water contamination.

- Areas of significant soil erosion
  - o Slopes greater than 3:1
  - o High velocity run-off channels
- Storage and maintenance areas for material handling equipment;
- Immediate access roads
- Material handling sites [storage loading, unloading, transportation, or conveyance of any raw material, finished product, intermediate product, by-product or waste]
- Shipping and receiving areas
- Equipment storage
- Refuse sites
- Disposal or application of wastewater [i.e. well drilling waste water]
- Areas containing residual pollutants from past industrial activity, spills and leaks
- Vehicle maintenance and cleaning areas
- Human/animal waste
- Wind

## 2.5 Area/Equipment Tasks Frequency Preventive Maintenance/Inspections

**INSPECTION REPORTS ARE LOCATED AT THE END OF THIS TAB (rainfall amounts will be recorded on inspection reports)**

Preventative maintenance involves the regular inspection, testing and cleaning of project equipment and operational systems. These inspections will help to uncover conditions that might lead to a release of contaminants. This allows for preventative maintenance issues to prevent such release. The following equipment/activities will be included in the preventative maintenance program.

The Operator shall continually [during scheduled and unscheduled specific site visits] monitor the implemented temporary erosion and sediment control measures during site-specific and project construction activities to ensure the effectiveness and operation condition of the measures. If changes or repairs are needed to improve the effectiveness and operation of a sediment control measure, changes or repairs will be implemented as soon as practicable. In no case shall the discovery of needed corrective action be greater than 4 days.

Maintenance of temporary erosion and sediment control measures will continue until disturbed areas within the project have been stabilized. After the completion of construction activities maintenance measures will be performed when inspection finds it necessary to remove all silt accumulation or repair deteriorated or damaged structures. Any area detention ponds will be excavated when they lose 50% or more of their design capacity.

The Owner/Operator will provide qualified personnel or companies to inspect disturbed areas of the project. Areas exposed to precipitation such as topsoil stockpiles and non-final stabilized areas will be inspected. Inspections will ensure measures are properly installed or applied and effective.

The Owner/Operator is required to conform to the NPDES requirements, and is required [as the SWPPP requires] to verify that all contractors on this site complete and file a NOI and comply with this SWPPP or originate their own SWPPP. Any sub-contractors working under the directional control of a site operator will sign and participate in the SWPPP or be subject to compliance provisions.

All temporary erosion and sediment control structures, measures, practice locations, and site vehicle access [enter and exit] points **will be inspected every 14 days and within 24 hours after a storm water event of ¼ inch or greater.** Inspectors will document sediment accumulation and if necessary recommend that corrective measures be implemented immediately. If emergency repairs and measures are needed after a significant rainfall [greater than ¼ inch], such measures and repairs will be performed and completed immediately and before the next significant rainfall event [if weather, supplies/materials and site conditions will permit]. Final stabilized areas and sites will be inspected every 14 days per the NPDES requirements effective February 16<sup>th</sup>, 2012 until the "NOT" is submitted. Inspectors will insure control measures are maintained in good operating condition.

The Operator [qualified personnel] will inspect disturbed areas and structures for erosion and sediment control effectiveness and for the potential of pollutants entering the drainage system. All erosion and sediment control measures not including final stabilization will be inspected and observed to ensure proper operation. Discharge locations will be inspected to assure effectiveness. Inspections will document effectiveness of measures and potential impacts to receiving waters.

The Operator will modify/amend the SWPPP after an inspection has identified that a significant change is needed in the site/project [construction activities have been planned and identified or additional areas requiring temporary erosion and sediment control measures has been discovered]. Controls will then be incorporated into the plan at this location. If necessary, the SWPPP will be amended within seven days following an inspection's discovery of needed measures and action[s] to disturbed or other eroding areas [caused by construction activities] within the project. An amended NOI will be submitted at least two days prior [unless immediate action is required] to the commencement of construction activities at new location[s] which add new disturbed area, and plan amendments will be incorporated prior to the submittal of the amended NOI.

The Operator will assure that the report is prepared and the inspection conducted by qualified personnel. The inspection report will summarize the inspection and shall contain the date of the inspection, findings, major observations, and certify project compliance with SWPPP and permit. If recommendations for actions are made, corrective measures shall be implemented. The SWPPP will be amended if necessary. Also, the inspection report will identify, describe and contain any incidents of non-compliance. The project Operator [or designated qualified personnel] will sign the inspection report and must comply with the signatory requirements set forth in the Construction General Permit [CGP]. All NPDES documents associated with this project will be kept for three years after the date on the Notice of Termination ["NOT"].

The Operator will ensure that non-storm water discharges do not cause sediments or pollutants to be discharged to receiving waters. Non-storm water discharges are not planned or expected to take place during the construction activities for the project, other than that exempt by the NPDES Program and this permit [i.e. dust control]. Other exempt non-storm water discharges that could possibly occur within the project during construction include flows from washing of vehicles [without detergents] or dust control.

Changes in construction activities that produce non-exempt non-storm water discharges will be identified and the SWPPP will be amended and the appropriate temporary Erosion and sediment control measures will be implemented.

## 2.6 Good Housekeeping

Good housekeeping practices are designed to maintain a clean and orderly work environment. This will reduce the potential for significant material to come in contact with storm water.

*The following practices are included in our good housekeeping routine:*

The contractor and subcontractors will use Best Management Practices [BMP's] and general common sense to limit contact between potential pollutants [chemical and other materials] and storm water. A designated parking area will be established, a construction yard will be designated on the Temporary Erosion and Sediment Control Drawing[s] and all temporary bathroom facilities will be located in this area. It is recommended clean rock or gravel be applied in this area to keep possible contaminants contained within this area. This also allows for the ease of cleanup should a spill occur. The contractor and subcontractors will implement good housekeeping practices by maintaining a clean and orderly construction site. BMP and good housekeeping practices will be utilized for: materials management; waste disposal; off-site tracking; spill prevention and response; sanitation; and non-storm water discharges:

Contractor and subcontractor practices will include:

- *Materials Management:* the proper handling and storage and labeling of chemicals and other potentially hazardous or toxic materials. A complete set of Material Safety Data Sheets [MSDS] sheets should be kept and maintained onsite for information purposes. Service vehicles shall be equipped with an emergency spill kit; materials will be



SUSANA MARTINEZ  
Governor  
JOHN A. SANCHEZ  
Lieutenant 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.nmenv.state.nm.us](http://www.nmenv.state.nm.us)



RYAN FLYNN  
Cabinet Secretary  
BUTCH TONGATE  
Deputy Secretary

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

November 3, 2014

Mr. Adam Leigland, Public Works Director  
Santa Fe County  
424 NM 599  
P.O. Box 276  
Santa Fe, NM 87504-0276

**Re:** Santa Fe County; Minor; Construction Stormwater; SIC 1522; NPDES Compliance Evaluation Inspection; NPDES Permit NMR12AZ31; October 15, 2014

Dear Mr. Leigland:

Enclosed please find a copy of the report for the referenced inspection that the New Mexico Environment Department (NMED) conducted at a construction site for which you may be an "operator" (see Appendix A in permit). The NMED conducted this inspection 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 listed in the checklist section of the inspection report. You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and to modify your operational and/or administrative procedures, as appropriate. If you have comments on or concerns with the basis for the findings in the NMED inspection report, please contact us (see the address above) in writing within 30 days from the date of this letter. Further, notify in writing both USEPA (Racquel Douglas, USEPA (6EN), 1445 Ross Ave., Dallas, Texas, 75202), NMED (at the above address) regarding modifications and compliance schedules.

Page 2  
Mr. Adam Leigland  
November 3, 2014

If you have any questions about this inspection report, please contact Daniel Valenta at 505-827-2575 or at [daniel.valenta@state.nm.us](mailto:daniel.valenta@state.nm.us).

Sincerely,



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

cc: Rashida Bowlin, USEPA (6EN-AS) by e-mail  
Carol Peters, USEPA (6EN-WM) by e-mail  
Brent Larsen, USEPA (6WQ) by e-mail  
Racquel Douglas, USEPA (6EN-WM) by e-mail  
Gladys Gooden-Jackson, USEPA (6EN-WC) by e-mail  
NMED District III, Robert Italiano 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 R 1 2 A Z 3 1 11 12 1 4 1 0 1 5 17 18 1				19 S 20 2	
Remarks					
C O N S T R U C T I O N > I 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)  Herrada Road improvements-Herrada Road, Santa Fe, New Mexico 87508  Santa Fe County	Entry Time /Date 0915 hours/10-15-2014	Permit Effective Date 2-16-2012
	Exit Time/Date 1355 hours/10-15-2014	Permit Expiration Date 2-16-2017
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Mr. Carlos E. Vigil/ Site Superintendent/620-429-1414/505-992-3018	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number Mr. Adam Leigland, Santa Fe County Works Department, 424 NM 599, P.O. Box 276, Santa Fe, NM 87504-0276/Public Works Director/ 505-992-3010 fax 505-992-3028	Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> *	GPS: N. 35° 31' 45.92" W. -105° 56' 01.37" SIC: 1522

#### Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

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

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

- This report is based on review of files maintained by the permittee and NMED, on site observation by NMED personal and verbal information provided by the facility's representative.
- Arriving on site at approximately 0915, accompanied by Sandra Gabaldon, the inspector made introductions, presented credentials and explained the purpose of the inspection to Mr. Carlos Vigil, Site Supervisor.
- A short exit interview was conducted at the site with Mr. Vigil. The inspectors left the site at approximately 1350.

Name(s) and Signature(s) of Inspector(s) Daniel Valenta <i>Daniel Valenta</i>	Agency/Office/Telephone/Fax NMED/SWQB 505-827-2575	Date 11/3/14
Signature of Management QA Reviewer Sarah Holcomb <i>Sarah Holcomb</i>	Agency/Office/Phone and Fax Numbers NMED/SWQB 505-827-2798	Date 11/3/2014

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

National Database Information			General	
Inspection Type	CEI		Inspector Name	Daniel Valenta
NPDES ID Number	NMR12AY68/ NMR12AZ31		Telephone	(505) 827-2575
Inspection Date	September 15, 2014		Entry Time	0915 Hours / September 15, 2014
Inspector Type (circle one)	EPA <input type="checkbox"/> State <input checked="" type="checkbox"/> EPA Oversight		Exit Time	1155 Hours / September 15, 2014
Facility Type (circle one)	Commercial / <input checked="" type="checkbox"/> Residential / Municipal / Industrial		Signature	

Facility Location Information			
Name/Location/Mailing Address	Herrada Road Improvements, Herrada Road, Eldorado, NM		
Coordinates	Latitude	35 31 45.92	Longitude -105 56 01.37
Receiving Waters	Unnamed Arroyo to Gallina Arroyo to Alamo Creek to the Santa Fe River 20.6.4.113		
Disturbed Area	18.25 Acres	Start/Stop Dates	Start: 09/08/2014 Estimated Stop: 09/24/14

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator	Santa Fe County (SFC) Mountain States Constructors (MSC)	505-992-3010 505-637-6240
Facility Contact	Carlos E. Vigil	505- 992-3018
Authorized Official(s)	SF Public Works Director-Adam Leigland MSC Mr. David Otoski-Vice President	505-992-3010 575-637-6240

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

Basic Permit Information			Basic SWPPP Information		
Permit Coverage	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	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	Individual	SWPPP Contents Satisfactory?	Y	<input checked="" 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?	Y	<input checked="" type="checkbox"/> N
NOI Date	SFC- 9/5/14 MSC- 9/15/14		SWPPP Date	8/14/14	
Is NOI Satisfactory?	Y	<input checked="" type="checkbox"/> N			

Approved by Santa Fe County

Additional Facility and Inspection Information (optional)
<b>SWPPP Review (can be completed in office)</b>

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

Addressed by Santa Fe County ←

Addressed by Santa Fe County ←

General			Notes:
<b>SWPPP Signed/Certified.</b> Did all operators sign/certify the SWPPP? <i>Part 7.2.15, Appendix I.11</i>	Y	<input checked="" type="checkbox"/> N	Santa Fe County did not sign/certify the SWPPP. When informed, SF County stated they would have it signed immediately.
<b>SWPPP completed prior to NOI?</b> <i>Part 7.1.1, Part 1.2.1</i>	<input checked="" type="checkbox"/> Y	N	
<b>Endangered Species Act.</b> Does SWPPP include documentation supporting determination? <i>Part 7.2.14.1; Part 1.1.e, Appendix D</i>	Y	<input checked="" type="checkbox"/> N	Criterion C on MSC NOI, criterion A on SFC. No documents to support a listing of A on the SFC NOI. SWPPP Provides only a list of endangered species in SF County.
<b>Historic Properties.</b> Does SWPPP include documentation supporting determination? <i>Part 7.2.14.2, Appendix E</i>	<input checked="" type="checkbox"/> Y	N	This site has had subsurface earth disturbance with the placement of culverts.
<b>If applicable, documents contact with agency or office responsible for implementing Safe Drinking Water Act <u>underground injection control well(s)</u>?</b> <i>Part 7.2.14.3, 40 CFR Parts 144 - 147</i>	Y	N	N/A No infiltration trenches; commercially manufactured pre-cast or pre-built proprietary subsurface detention vaults, chambers or other devices designed to capture and infiltrate stormwater flow; or drywells, seepage pits or improved sinkholes.
<b>Post-Authorization Additions.</b> Does SWPPP include: > Copy of acknowledgement letter <input checked="" type="checkbox"/> Y/ <input checked="" type="checkbox"/> N > Copy of NOI <input checked="" type="checkbox"/> Y/ <input checked="" type="checkbox"/> N > Copy of permit <input checked="" type="checkbox"/> Y/ <input checked="" type="checkbox"/> N <i>Part 7.2.16.3</i>	Y	<input checked="" type="checkbox"/> N	No copy of NOI; No copy of acknowledgement letter received from the NOI Processing Center assigning your permit tracking number.  Copy of the permit is in the SWPPP.
<b>If applicable, SWPPP describes compliance with any case-by-case basis USEPA imposed water quality-based effluent limitation requirements?</b> <i>Part 3</i>	Y	<input checked="" type="checkbox"/> N	SWPPP does not address any Part 9 (Permit conditions applicable to certain states) NM standards.
<b>If discharge to an impaired water, includes records of all data used to complete NOI:</b> > 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>	Y	N	N/A
<b>Required SWPPP modifications completed?</b> > 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>	Y	N	N/A  The SWPPP, in this case, provided no modifications (listed as revisions to the SWPPP) in their book.
<b>Records Retention.</b> 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>	Y	N	N/A, ongoing construction.

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

Team & Activity Description			Notes:
<b>Identifies stormwater team personnel and responsibilities?</b> > Personnel (by name or position) Y/ <input checked="" type="checkbox"/> N > Individual responsibilities <input checked="" type="checkbox"/> Y/N <i>Part 7.2.1</i>	Y	<input checked="" type="checkbox"/> N	The SWPPP identifies SF County as the owner; Mountain States Construction as the contractor; and INDIGO as the inspectors. No name or position was provided.
<b>Is staff training documented?</b> > Training occurs prior to the commencement of earth-disturbing activities or pollutant-generating activities, whichever occurs first Y/ <input checked="" type="checkbox"/> N > Ensures following understand the requirements of this permit and their specific responsibilities: <ul style="list-style-type: none"> <li>o Personnel responsible for the design, installation, maintenance, and/or repair of controls/measures Y/<input checked="" type="checkbox"/>N</li> <li>o Personnel responsible for the application and storage of treatment chemicals Y/<input checked="" type="checkbox"/>N</li> <li>o Personnel responsible for conducting inspections Y/<input checked="" type="checkbox"/>N</li> <li>o Personnel responsible for taking corrective actions Y/<input checked="" type="checkbox"/>N</li> </ul> > At a minimum, training includes: <ul style="list-style-type: none"> <li>o Location of all stormwater controls on the site required by this permit, and how maintained Y/<input checked="" type="checkbox"/>N</li> <li>o Proper procedures to follow with respect to the permit's pollution prevention requirements Y/<input checked="" type="checkbox"/>N</li> <li>o When and how to conduct inspections, record applicable findings, and take corrective actions Y/<input checked="" type="checkbox"/>N</li> </ul> <i>Parts 7.2.13, 6 and permit notes for emergency-related construction activities</i>	Y	<input checked="" type="checkbox"/> N	The SWPPP has a page for Personnel training; however, this page is blank.  According to the on-site foreman (Mountain States Construction), weekly meetings with his staff are completed each Monday morning, but are not recorded. It is unknown if the elements required in the permit are explained/taught to the members of his staff.
<b>Describes nature of construction activities?</b> > Size of the property Y/ <input checked="" type="checkbox"/> N > Total area to be disturbed Y/ <input checked="" type="checkbox"/> N > Construction support activity areas Y/ <input checked="" type="checkbox"/> N > Maximum area to be disturbed at any one time Y/ <input checked="" type="checkbox"/> N <i>Part 7.2.2</i>	Y	<input checked="" type="checkbox"/> N	Site map did not have the total acreage, total area being disturbed or the maximum area to be disturbed at any one time.  There were no construction support activities at this site (Residential Roadway Improvements).
<b>If applicable, documents emergency-related projects?</b> > 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 <i>Parts 7.2.3, 1.2</i>	Y	N	N/A
<b>Identifies (lists) other site operators and areas of site over which each has control?</b> > List and areas of site over which each has	Y	N	N/A  Only site operator is Mountain States Construction.

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

control Y/N <b>Part 7.2.4</b>			
<b>Describes sequence, estimated dates (departures) and duration of construction activities?</b> > Installation of control measures when operational Y/ <input checked="" type="checkbox"/> N > Commencement/duration clearing & grubbing, mass grading, site preparation (excavating, cutting & filling), final grading, and creation of soil & vegetation stockpiles Y/ <input checked="" type="checkbox"/> N > Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of site Y/ <input checked="" type="checkbox"/> N > Final/temporary stabilization areas of exposed soil Y/ <input checked="" type="checkbox"/> N > Removal of temporary stormwater conveyances/channels and other stormwater control measures Y/ <input checked="" type="checkbox"/> N > Removal of construction equipment and vehicles Y/ <input checked="" type="checkbox"/> N <b>Part 7.2.5</b>	Y	<input checked="" type="checkbox"/> N	No estimated dates were provided in the SWPPP.
<b>Site Map</b>	<b>Notes:</b>		
<b>Includes legible site map(s)?</b> <b>Part 7.2.6</b>	Y	<input checked="" type="checkbox"/> N	"Site map" in SWPPP does not provide all the required elements.
> Boundaries of the property Y/ <input checked="" type="checkbox"/> N > Locations construction activities will occur Y/ <input checked="" type="checkbox"/> N > Locations earth-disturbing activities will occur (note any phasing) Y/ <input checked="" type="checkbox"/> N > Approximate slopes before and after major grading (note steep slopes) Y/ <input checked="" type="checkbox"/> N > Locations sediment, soil, or materials will be stockpiled Y/N/ <input checked="" type="checkbox"/> NA > Locations of crossings of surface waters N/A > Designated points vehicles exit onto paved roads Y/ <input checked="" type="checkbox"/> N > Locations of structures/impervious surfaces upon completion Y/ <input checked="" type="checkbox"/> N > Locations of construction support activity areas N/A <b>Part 7.2.6.1</b>	Y	<input checked="" type="checkbox"/> N	
> Locations of surface waters/wetlands, within or in immediate vicinity Y/ <input checked="" type="checkbox"/> N > Indicates waters listed as impaired, and Tier 2, or Tier 3 Y/ <input checked="" type="checkbox"/> N <b>Part 7.2.6.2</b>	Y	<input checked="" type="checkbox"/> N	
> Boundary lines of natural buffers <b>Parts 7.2.6.3, 2.1.2.1a</b>	Y	<input checked="" type="checkbox"/> N	
> Areas of federally-listed critical habitat for endangered or threatened species <b>Part 7.2.6.4</b>	Y	<input checked="" type="checkbox"/> N	
> Topography Y/ <input checked="" type="checkbox"/> N > Existing vegetative cover Y/ <input checked="" type="checkbox"/> N > Drainage pattern of stormwater/authorized	Y	<input checked="" type="checkbox"/> N	

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non-stormwater flow onto, over, and from site before and after major grading Y/ <input checked="" type="checkbox"/> N <i>Part 7.2.6.5</i>			
> Stormwater and allowable non-stormwater discharge locations Y/ <input checked="" type="checkbox"/> N > Locations of storm drain inlets on site and immediate vicinity Y/ <input checked="" type="checkbox"/> N > Locations stormwater or allowable non-stormwater will be discharged to surface waters (including wetlands) on or near site Y/ <input checked="" type="checkbox"/> N <i>Part 7.2.6.6</i>	Y	<input checked="" type="checkbox"/> N	
> Locations of potential pollutant-generating activities <i>Part 7.2.6.7, Part 7.2.7</i>	Y	<input checked="" type="checkbox"/> N	
> Locations of control measures <i>Part 7.2.6.8</i>	Y	N	In Engineering blueprints not in SWPPP.
> Locations polymers, flocculants, or treatment chemicals will be used/stored <i>Part 7.2.6.9</i>	Y	N	N/A
<b>Construction Site Pollutants</b>		<b>Notes:</b>	
Includes pollutant-generating activities list and description? <i>Part 7.2.7.1</i>	<input checked="" type="checkbox"/> Y	N	
Includes inventory of pollutants or constituents? > Inventory <input checked="" type="checkbox"/> Y/N > Potential spills/leaks <input checked="" type="checkbox"/> Y/N > Departures from manufacturer's specifications for applying fertilizers containing nitrogen & phosphorus Y/N/ <input checked="" type="checkbox"/> N/A <i>Parts 7.2.7.2, 2.3.5.1</i>	<input checked="" type="checkbox"/> Y	N	
Identifies all sources of allowable non-stormwater discharges? <i>Parts 7.2.8, 1.3.d</i>	<input checked="" type="checkbox"/> Y	N	
If required (surface water w/50 feet of earth disturbance), documents and describes <b>buffer compliance alternative</b> selected? > 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/ <input checked="" type="checkbox"/> N/A > Uses velocity dissipation devices, if necessary Y/N/ <input checked="" type="checkbox"/> N/A > Documents natural buffer width Y/N/ <input checked="" type="checkbox"/> N/A > Delineates, and clearly marks off, with flags, tape, or other similar marking device all natural buffer areas Y/N/ <input checked="" type="checkbox"/> N/A > Documents erosion and sediment control(s) used to achieve an equivalent sediment reduction Y/N/ <input checked="" type="checkbox"/> N/A > Documents any information relied upon to demonstrate equivalency Y/N/ <input checked="" type="checkbox"/> N/A <i>Parts 7.2.9, 2.1.2, Appendix G</i>	Y	N	N/A

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<p><b>As applicable, describes and documents <u>buffer exceptions</u>?</b></p> <ul style="list-style-type: none"> <li>➤ Describes rationale/why infeasible to provide and maintain an undisturbed natural buffer of any size Y/N/<input type="checkbox"/>N/A</li> <li>➤ For linear project, describes buffer width retained and supplemental controls installed Y/N/<input type="checkbox"/>N/A</li> <li>➤ Small residential lot options Y/N/<input type="checkbox"/>N/A</li> <li>➤ Documents CWA Section 404 Permit, water-dependent structure/access disturbances Y/N/<input type="checkbox"/>N/A</li> </ul> <p><i>Parts 7.2.9; 2.1.2.1e, Appendix G</i></p>	Y	N	N/A
<b>All Stormwater Control Measures</b>			
<p><b>Describes each measure?</b></p> <ul style="list-style-type: none"> <li>➤ Type of measure to be installed and maintained, including design information Y/<input type="checkbox"/>N</li> <li>➤ Specific sediment controls installed and made operational prior to conducting earth-disturbing activities Y/<input type="checkbox"/>N</li> <li>➤ For exit points, stabilization techniques and any additional controls planned to remove sediment prior to vehicle exit Y/N/<input type="checkbox"/>N/A</li> <li>➤ For linear projects (if applicable), where/why it has been determined that the use of perimeter controls is practicable Y/<input type="checkbox"/>N</li> </ul> <p><i>Part 7.2.10.1</i></p>	Y	<input type="checkbox"/> N	<p style="text-align: right;"><b>Notes:</b></p> <p>Installation and operational BMPs have not been installed prior to earth disturbance on the east side of the project.</p> <p>The permit requires that all erosion and sediment controls remain in effective operating condition during the permit. The wattles on the west side of the project have breaks, and in some areas are absent.</p> <p>The SWPPP does not provide documentation as to why it is impracticable to install check dams/ temporary diversion dikes in the discharge channels.</p> <p>Because this is an established gravel roadway, minimization of sediment track-out is unnecessary at this site.</p>
<p><b>Minimizes <u>area of disturbance</u>?</b></p> <p><i>Part 2.1.1.1</i></p>	<input checked="" type="checkbox"/> Y	N	<p style="text-align: right;"><b>Notes:</b></p> <p>MSC has minimized the amount of soil exposed during their road improvements.</p>
<p><b>Describes erosion and sediment control <u>design requirements</u>?</b></p> <ul style="list-style-type: none"> <li>➤ Accounts for expected amount, frequency, intensity, duration of precipitation Y/<input type="checkbox"/>N</li> <li>➤ Accounts for nature of run-on and run-off (channelized peak flow rates &amp; total volume at outlet) Y/<input type="checkbox"/>N</li> <li>➤ Accounts for range of soil particle sizes (distribution, erosivity and cohesiveness) Y/<input type="checkbox"/>N</li> <li>➤ Directs discharge to vegetated areas to increase sediment removal and infiltration unless infeasible <input checked="" type="checkbox"/>Y/N/N/A</li> <li>➤ Uses velocity dissipation, if necessary Y/<input type="checkbox"/>N</li> <li>➤ Complies with State of New Mexico except Indian country requirements: <ul style="list-style-type: none"> <li>○ 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</li> <li>○ 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 and</li> </ul> </li> </ul>	<input checked="" type="checkbox"/> Y	N	<p style="text-align: right;"><b>Notes:</b></p> <p>The SWPPP provides NOAA information regarding precipitation in the area. There is also a sediment survey provided which discusses soil particle sizes.</p> <p>No RUSLE Calculations found.</p> <p>Runoff coefficients:</p> <p>Pre-Construction: 84 Construction Phase: 85 Post- Construction: 88</p> <p>Runoff velocities have increased during and after project. Not meeting the requirements found at 4.1.1.4.</p> <p>Direct discharge has been channeled to a vegetated area on the southeast, west side of the construction area.</p> <p>All culverts have rip rap directly in front of it to dissipate the velocity of flow.</p>

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flow velocities from pre-construction, pre-development conditions ) Y/ <input checked="" type="checkbox"/> N <i>Parts 2.1.1.2, 9.4.1.1</i>			
<b>Describes erosion and sediment control installation requirements?</b> > Completes installation of downgradient stormwater/sediment controls by the time or immediately following earth-disturbance begins unless infeasible <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> N/ <input type="checkbox"/> NA > Installs all other controls and makes operational as soon as conditions allow <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> N > Uses good engineering practices and follows manufacturer's specifications or explain departures <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> N <i>Part 2.1.1.3</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	The site is a linear roadway improvement project. On both sides of the roadway are drainage areas which are down gradient from the wattles on the west side of the project.
<b>Describes erosion and sediment control maintenance requirements?</b> > Initiates fix immediately and completed by close of next work day (routine maintenance) <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> 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 type="checkbox"/> Y	<input checked="" type="checkbox"/> N	There were several areas where erosion and sediment controls (wattles) were not in effective operating condition.  The last inspection was on 10/10/2014 and did not indicate in the inspection report that maintenance needed to be done. Inspection report indicated that no problems were seen.
<b>Installs perimeter controls and describes maintenance (removes sediment before it has accumulated to 1/2 of the above-ground height)?</b> <i>Part 2.1.2.2</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<b>Minimizes sediment track-out?</b> > Restricts vehicle use to properly designated exit points? Y/N/ <input checked="" type="checkbox"/> NA > Uses appropriate stabilization techniques at all points that exit onto paved roads? <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> N > Where necessary, uses additional measures to remove sediment prior to exit? Y/N/ <input checked="" type="checkbox"/> 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? <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> N <i>Part 2.1.2.3</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<b>Controls discharges from stockpiled sediment or soil?</b> > 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 type="checkbox"/> N	N/A  This construction project utilizes soil/sediment material removed from one area to another in their paving practices. There are no stockpiles stored for multiple days on this project.
<b>Minimizes dust?</b> <i>Part 2.1.2.5</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	Minimization of dust is being achieved by applying water to the roadway.
<b>Minimizes disturbance of steep slopes?</b>	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A

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<i>Part 2.1.2.6</i>			There are no steep slopes (15% or greater) on this project.
<b>Preserves <u>topsoil</u>, unless infeasible?</b> <i>Part 2.1.2.7</i>	Y	N	N/A This is a highly impervious project
<b>Minimizes <u>soil compaction</u> where final vegetative stabilization or infiltration installed?</b> <i>Part 2.1.2.8</i>	<input checked="" type="checkbox"/>	N	There are no vehicles/equipment used where final vegetative stabilization and infiltration will be installed. (Roadway ditches).
<b>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)?</b> <i>Part 2.1.2.9</i>	Y	N	N/A
<b>Describes <u>constructed conveyance channel</u> controls (if installed)?</b> <i>Part 2.1.3.1</i>	Y	<input checked="" type="checkbox"/>	No check dams installed in channels as discussed in the blueprints.
<b>Describes <u>sediment basin</u> design (if installed) and maintenance (maintain at least 1/2 of capacity at all times)?</b> <i>Part 2.1.3.2</i>	Y	N	N/A
<b>Describes <u>treatment chemical</u> controls (if used)?</b> <i>Part 2.1.3.3</i>	Y	N	N/A
<b>Includes documentation for use of <u>treatment chemicals</u> (polymers, flocculants, or other treatment chemicals)?</b> <ul style="list-style-type: none"> <li>➤ 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</li> <li>➤ Lists all treatment chemicals and why the selection of these chemicals is suited to the soil characteristics Y/N</li> <li>➤ 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</li> <li>➤ Dosage/methodology to determine dosage Y/N</li> <li>➤ Information from any applicable MSDS Y/N</li> <li>➤ Schematic drawings of any chemically-enhanced or chemical treatment systems Y/N/NA</li> <li>➤ Description of how chemicals will be stored Y/N</li> <li>➤ References to applicable state or local requirements and copies of applicable manufacturer's specifications Y/N</li> <li>➤ Description of training that personnel have received or will receive Y/N</li> </ul> <i>Parts 7.2.10.2, 2.1.3.3h</i>	Y	N	N/A
<b>Describes <u>dewatering</u> controls (if installed)?</b> <i>Part 2.1.3.4</i>	Y	N	N/A No dewatering controls needed.

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Stabilization Requirements			Notes:
<p><b>Describes compliance with deadlines for vegetative and/or non-vegetative stabilization practices, including exceptions?</b></p> <p><u>Deadline to Initiate</u></p> <ul style="list-style-type: none"> <li>➤ Initiates stabilization immediately (no later than end of next work day following earth-disturbing activities permanently/temporarily ceased) Y/<input checked="" type="checkbox"/>N</li> </ul> <p><u>Deadline to Complete</u></p> <ul style="list-style-type: none"> <li>➤ 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/<input checked="" type="checkbox"/>N</li> <li>➤ 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/<input checked="" type="checkbox"/>NA</li> <li>➤ Documents/describes circumstances beyond control that prevent meeting deadlines Y/<input checked="" type="checkbox"/>NA</li> <li>➤ If discharging to sediment or nutrient-impaired waters or Tier 2 or 3 waters, completes stabilization (vegetative or non-vegetative) w/7 calendar days after temporary or permanent cessation Y/N/<input checked="" type="checkbox"/>NA</li> </ul> <p><i>Parts 7.2.10.3, 2.2.1, 3, 9.4.1.3</i></p> <p><b>Describes compliance with vegetative (final) stabilization criteria?</b></p> <ul style="list-style-type: none"> <li>➤ 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</li> <li>➤ 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</li> </ul> <p><i>Parts 7.2.10.3, 2.2.2.a, 3, 9.4.1.4</i></p>	Y	<input checked="" type="checkbox"/> N	<p>No discussion is provided.</p>
<p><b>Describes compliance with vegetative (final) stabilization criteria?</b></p> <ul style="list-style-type: none"> <li>➤ 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</li> <li>➤ 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</li> </ul> <p><i>Parts 7.2.10.3, 2.2.2.a, 3, 9.4.1.4</i></p>	<input checked="" type="checkbox"/> Y	N	<p>The operator must notify NMED if option under 2.2.21b of the CGP (sites located in arid, semi-arid or drought-stricken areas) is selected for final stabilization. Information that needs to be submitted to NMED is:</p> <ul style="list-style-type: none"> <li>• Copy of NOT (notice of termination)</li> <li>• Contact information, including individual name/title, address and phone number for the party responsible for implementing the final stabilization measure; and</li> <li>• The date that the permanent vegetative stabilization practice was implemented and the projected timeframe that the 70% native vegetative cover requirements are expected to be met.</li> </ul> <p>Operators are required to periodically (minimum of once/year) inspect and properly maintain the area until the criteria for final stabilization has been met. Operators must document the findings of these inspections and sign in accordance with Appendix I.</p> <p>Copies of all documents must be submitted to EPA in non-electric format and also sent to NMED at: Program Manager; NMED; Point Source Regulation; Surface Water Quality Bureau; PO Box 5469; Santa Fe, NM 87502</p>

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

<p><b>If applicable, describes compliance with State of New Mexico, except Indian country, arid, semi-arid areas, or drought stricken option for final stabilization:</b></p> <ul style="list-style-type: none"> <li>➤ Area seeded/planted must w/3 yrs provides established vegetation that achieves 70% of the native background vegetative cover Y/<input checked="" type="checkbox"/>N</li> <li>➤ Selects, designs, and installs non-vegetative erosion controls that provide cover for at least 3 years without active maintenance Y/<input checked="" type="checkbox"/>N</li> <li>➤ Complies with notification, inspection maintenance, and reporting) Y/N/<input checked="" type="checkbox"/>NA</li> </ul> <p><i>Parts 7.2.10.3, 2.2.2.b, 3, 9.4.1.5</i></p>	Y	N	<p>Half the site is complete, the other is active.</p>
<p><b>If using, provides effective non-vegetative cover to stabilize?</b></p> <p><i>Parts 7.2.10.3, 2.2.2.2</i></p>	<input checked="" type="checkbox"/>	N	<p>Some of the exposed portions of the site have been paved. Other areas have riprap inside the roadway ditches.</p>
<b>Pollution Prevention Procedures</b>		<b>Notes:</b>	
<p><b>Describes procedures for <u>spill prevention and response</u>?</b></p> <p><i>Parts 7.2.11.1, 2.3.4</i></p>	<input checked="" type="checkbox"/>	N	
<p><b>Describes procedures for <u>waste management</u>?</b></p> <p><i>Part 7.2.11.2, 2.3.3.3</i></p>	<input checked="" type="checkbox"/>	N	
<p><b>Eliminates prohibited discharges?</b></p> <ul style="list-style-type: none"> <li>➤ Concrete washout, unless managed by control in Part 2.3.3.4 Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ 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/<input checked="" type="checkbox"/>NA</li> <li>➤ Fuels, oils or other from vehicle and equipment O&amp;M Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ Soaps, solvents, or detergents used in vehicle and equipment washing Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ Toxic or hazardous substances from spill/release Y/N/<input checked="" type="checkbox"/>NA</li> </ul> <p><i>Part 2.3.1</i></p>	Y	N	N/A
<p><b>Properly maintains and protects all pollution prevention controls?</b></p> <p><i>Part 2.3.2</i></p>	Y	N	N/A
<p><b>Complies with pollution prevention standards for certain activities?</b></p> <ul style="list-style-type: none"> <li>➤ Fueling/maintenance of equipment or vehicles Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ Washing of equipment and vehicles Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ Storage, handling, disposal of materials, products and waste Y/N/<input checked="" type="checkbox"/>NA</li> <li>➤ Washing applicators/containers Y/N/<input checked="" type="checkbox"/>NA</li> </ul> <p><i>Part 2.3.3</i></p>	Y	N	N/A
<p><b>Minimizes discharge/complies with restrictions of <u>fertilizer application</u>?</b></p> <p><i>Part 2.3.5</i></p>	Y	N	N/A

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

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

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

<p><b>Part 4.1.5</b></p> <p><b>Inspection includes minimum requirements?</b></p> <ul style="list-style-type: none"> <li>➤ Controls installed/operational <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> <li>➤ Determines need to replace, repair, or maintain <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> <li>➤ Conditions that could lead to spills, leaks, and accumulations of pollutants <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> <li>➤ Identifies where new or modified controls are necessary <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> <li>➤ At points of discharge, checks for visible erosion/sedimentation on banks <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA</li> <li>➤ Identifies noncompliance <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> <li>➤ If discharge is occurring:             <ul style="list-style-type: none"> <li>○ Identifies all points of discharge <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> <li>○ Observes/documents visual quality, including color, odor, floating, settled, or suspended solids, foam, oil sheen, and other of pollutants <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> <li>○ Documents whether controls operating effectively, and describes controls not operating as intended or need maintenance <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> </ul> </li> <li>➤ Based on results of inspection, initiates corrective action under Part 5.</li> </ul>	Y	<input type="checkbox"/> N	<p>Site missing check dams in in bar ditches until site is stabilized.</p>
<p><b>Part 4.1.6</b></p> <p><b>Inspection reports:</b></p> <ul style="list-style-type: none"> <li>➤ Completed within 24 hrs <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> <li>➤ Includes inspection date <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> <li>➤ Includes names/titles of personnel <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> <li>➤ Includes summary of findings <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> <li>➤ Includes applicable rain gauge reading <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA</li> <li>➤ Signed and certified in accordance with Appendix I.11 <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</li> </ul> <p><b>Part 4.1.7.1 and 2</b></p>	<input checked="" type="checkbox"/> Y	N	

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

Corrective Action	Notes:		
<p><b>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?</b></p> <p><i>Part 5</i></p>	<input type="checkbox"/> Y	N	
<p><b>Within 24 hours of discovering the occurrence, completes a report of the following:</b></p> <ul style="list-style-type: none"> <li>➤ Condition identified <input type="checkbox"/> Y/N</li> <li>➤ Nature of the condition identified <input type="checkbox"/> Y/N</li> <li>➤ Date and time of the condition identified and how it was identified Y/N</li> </ul> <p><i>Part 5.4</i></p>	<input type="checkbox"/> Y	N	
<p><b>Within 7 calendar days of discovering the occurrence, completes a report of the following:</b></p> <ul style="list-style-type: none"> <li>➤ Follow-up actions taken to review the design, installation, and maintenance of stormwater controls, including the dates such actions occurred Y/N/<input type="checkbox"/> N/A</li> <li>➤ Summary of stormwater control modifications taken or to be taken Y/N/<input type="checkbox"/> N/A</li> <li>➤ Schedule of activities necessary to implement changes Y/N/<input type="checkbox"/> N/A</li> <li>➤ Date the modifications are completed or expected to be completed Y/N/<input type="checkbox"/> N/A</li> <li>➤ Notice of whether SWPPP modifications are required as a result of the condition identified or corrective action Y/N/<input type="checkbox"/> N/A</li> <li>➤ Signed and certified in accordance with Appendix I.11 Y/N/<input type="checkbox"/> N/A</li> </ul> <p><i>Parts 5.4.2, 5.4.3</i></p>	Y	N	N/A

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

**Additional Notes on SWPPP Review *(optional)***

A large rectangular box with a black border, intended for handwritten notes. The box is currently empty.

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

<b>Implementation (complete in field)</b> <i>(Narrative Description if Control Measures Installed, Operational, Effective and Maintained)</i>	
<b>Erosion and Sediment Control Practices Part 2.1</b>	
<b>Minimize area of disturbance:</b>	<i>(Provide brief description)</i>  Paving dirt road, new bar ditched.
<b>Buffer compliance:</b>	N/A
<b>Perimeter controls:</b>	Waddles
<b>Exit point or sediment track out:</b>	N/A
<b>Stockpiled sediment or soil:</b>	N/A
<b>Minimize dust:</b>	Spray application of water is used to minimize dust.
<b>Steep slopes:</b>	No steep slopes (15% or greater)
<b>Preserve topsoil:</b>	N/A
<b>Soil compaction:</b>	<i>(e.g., restrict vehicle / equipment use, soil conditioning techniques)</i>  Pave dirt road.
<b>Storm drain inlet protection:</b>	N/A
<b>Conveyance channels:</b>	Blue prints show check dams installed, no check dams in place while ditches are stabilized.
<b>Sediment basin:</b>	N/A

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

<b>Erosion and Sediment Control Practices - Continued</b>	
<b>Treatment chemicals:</b>	N/A
<b>Dewatering:</b>	N/A
<b>Other erosion and sediment controls or practices:</b>	<i>(Provide brief description)</i>
<b>Stabilization Practices Part 2.2</b>	
<b>Stabilization:</b>	<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>No stabilization occurring at time of inspection.</p>
<b>Are stabilization measures initiated immediately? Y/N Are they completed within 14 days of construction cessation? Y/N</b>	<p><i>(e.g. indicate "yes" or "no"; if not within 14 days of construction cessation, how long without stabilization measures?)</i></p> <p>Part of project completed, not stabilized.</p>
<b>Pollution Prevention Measures Part 2.3</b>	
<b>Fueling and maintenance of vehicles:</b>	N/A
<b>Washing equipment &amp; vehicles:</b>	N/A
<b>Washing applicators/containers (e.g., stucco, paint, concrete, form release oils, curing compounds, and other construction materials)</b>	N/A
<b>Storage, handling, disposal of construction materials, products and waste:</b>	N/A

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

<b>Fertilizer application:</b>	N/A
<b>Miscellaneous</b>	
<b>Evidence of not allowable non-storm water discharges or prohibited discharge?</b>	None
<b>Evidence of sediment deposition to surface waters or MS4?</b>	No evidence of sediment deposition to surface waters. Eldorado is not an MS4 Urban Area.

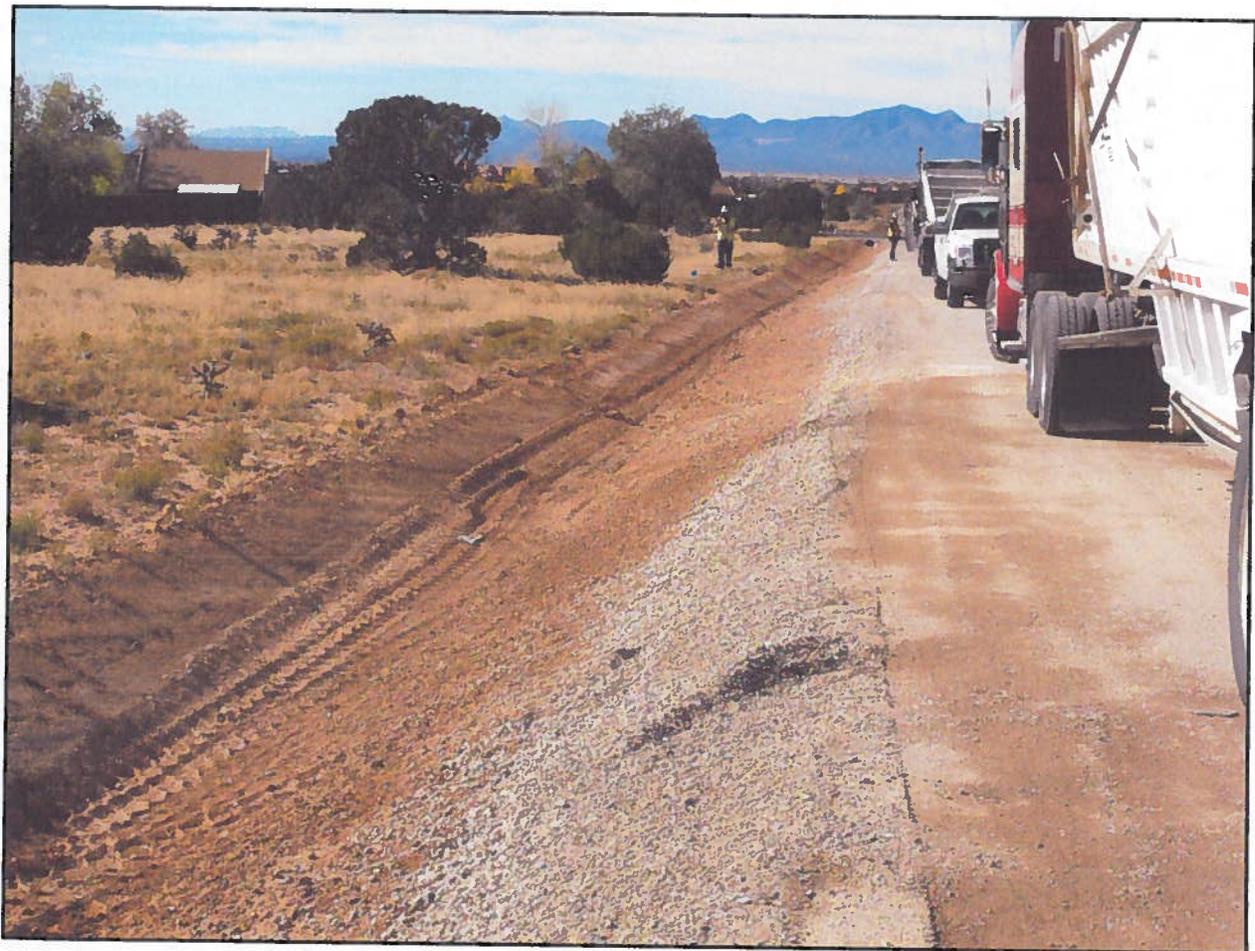
# Industrial Storm Water Worksheet (Construction) – State of New Mexico

NMED/SWQB

## Official Photograph Log

Photo # 1

Photographer: Daniel Valenta	Date: 10/15/2014	Time: 1044 hours
City/County: Herrada Road/Santa Fe County		
Location: Herrada Road Improvement Project Santa Fe County, facing south west.		
Subject: West section of Herrada Road, top being surfaced.		



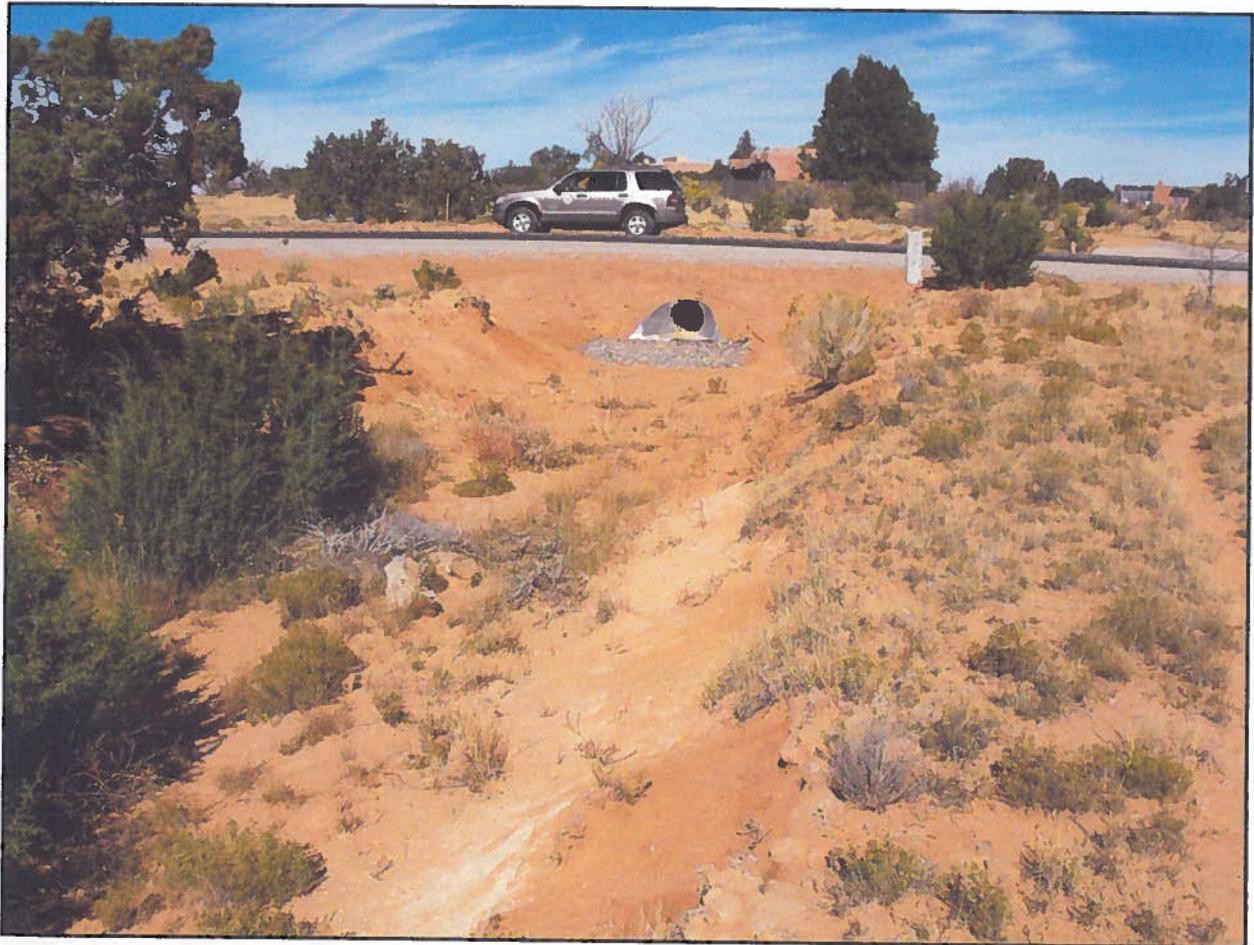
**Industrial Storm Water Worksheet (Construction) – State of New Mexico**

NMED/SWQB

**Official Photograph Log**

Photo # 2

Photographer: Daniel Valenta	Date: 10/15/2014	Time: 1100 hours
City/County: Herrada Road/Santa Fe County		
Location: Herrada Road Improvement Project Santa Fe County, facing northwest.		
Subject: East section of Herrada Road Improvement Project, outfall from west bar ditch.		



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

NMED/SWQB

**Official Photograph Log**

Photo # 3

Photographer: Daniel Valenta	Date: 10/15/2014	Time: 1100 hours
City/County: Herrada Road/Santa Fe County		
Location: Herrada Road Improvement Project Santa Fe County, facing southwest.		
Subject: East section of Herrada Road Improvement Project.		

