NEW MEXICO
ENVIRONMENT DEPARTMENT

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BUTCH TONGATE
Cabinet Secretary

J.C. BORREGO
Deputy Secretary

Certified Mail – Return Receipt Requested

March 22, 2017

Mr. Carlos Spiess, Division Director
Sundance Mechanical and Utility Corp.
4400 Alameda Boulevard, Suite E
Albuquerque, New Mexico 87113

RE: Construction General Permit (CGP); SIC 1611; NPDES Compliance Evaluation Inspection; Senior Campus at Caja Del Rio; NMR12BP09 (2012 CGP, expired); March 8, 2017

Dear Mr. Spiess:

Enclosed please find a copy of the report for the referenced inspection that the New Mexico Environment Department (NMED) conducted at your facility on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas, for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

Problems noted during this inspection are noted in the CGP checklist of the inspection report. You are encouraged to review the inspection report and required to correct any problems noted during the inspection and to modify your operational and/or administrative procedures, as appropriate. Further, you are encouraged to notify, in writing, both USEPA and NMED ad the following address: David Long, USEPA (6EN-WM), 1445 Ross Ave., Suite 1200, Dallas, Texas, 75202), and NMED (at above address) regarding modifications and compliance schedules.

The NPDES Construction General Permit was re-issued February 16, 2017. Because this project has permit coverage under the expired 2012 CGP, you are required to submit an e NOI by May 17, 2017 for the 2017 CGP if the project is still ongoing.

If you have any questions about this inspection report, please contact Sandra Gabaldon at (505) 827-1041.

Sincerely,

/s/ Sarah Holcomb

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

Cc: Robert Houston, USEPA (6EN-WS) by e-mail
Carol Peters-Wagnon, USEPA (6EN-WM) by e-mail
Dave Long, USEPA (6EN-WM) by e-mail
Darlene Whitten-Hill, USEPA (6EN) by e-mail
NMED District II, Robert Italiano by e-mail

EPA

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 B P 0 9 11	12 1 7 0 3 0 8 17	18 C	19 }	20 1

C O N S T R U C T I O N > 5 A C R E S

Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved
67 0 0 1 69	70 3	71 N	72 N	73 74 75 80

Section B: Facility Data

Name and Location of Facility Inspected *(For industrial users discharging to POTW, also include POTW name and NPDES permit number)*
Senior Campus a Caja Del Rio
Caja Del Rio Road & 599
Santa Fe, NM 87507

Entry Time /Date
1020 Hours / 03-08-2017

Exit Time/Date
1400 Hours / 03-08-2017

Permit Effective Date
February 16, 2012

Permit Expiration Date
February 16, 2017

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)
Augustine Diaz, Site Foreman / (505) 488-3179

Other Facility Data
35°39'06.29" N
-106°03'35.89" W

Name, Address of Responsible Official/Title/Phone and Fax Number
Carlos Spiess, Division Director / (505)379-1712 (cell) / (505)345-2694
Sundance Mechanical & Utility Corp.
4400 Alameda Boulevard, Suite E
Albuquerque, New Mexico 87113

Contacted
Yes * No

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

S	**Permit**	N	**Flow Measurement**	N	**Operations & Maintenance**	N	**CSO/SSO**
S	**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**	S	**Storm Water**		**Other:**

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

Please see checklist for details of findings

Name(s) and Signature(s) of Inspector(s)	**Agency/Office/Telephone/Fax**	**Date**
Sandra Gabaldón ***/s/ Sandra Gabaldón***	**NMED/SWQB/(505) 827-1041/(505) 827-0160**	**March 22, 2017**
Signature of Management QA Reviewer	**Agency/Office/Phone and Fax Numbers**	**Date**
/s/ Jennifer Foote **Jennifer Foote, Municipal Team Lead**	**NMED/SWQB/(505) 827-0596/(505) 827-0160**	**March 22, 2017**

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

National Database Information		General	
Inspection Type	Compliance Evaluation Inspection	Inspector Name	Sandra Gabaldon
NPDES ID Number	NMR12BP09 (CGP 2012)	Telephone	505-827-2575
Inspection Date	03/08/2017	Entry Time	1020 Hours
Inspector Type (check one)	☐EPA ☒State ☐ EPA Oversight	Exit Time	1400 Hours
Facility Type (check one)	☒Commercial / ☐Residential / ☐Municipal / ☐Industrial	Signature	*/s/Sandra Gabaldón*

Facility Location Information				
Name/Location/Mailing Address	Senior Campus at Caja del Rio Caja Del Rio Road and NM 599 Santa Fe, New Mexico 87507			
Coordinates	Latitude	35°39'06.29" N	Longitude	-106°03'35.89" W
Receiving Waters	Santa Fe River thence to the Rio Grande in the Rio Grande Basin			
Disturbed Area	10.75 acres	Start/Stop Dates	01/18/2017 to 07/31/2017	

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator	Carlos Spiess Sundance Mechanical & Utility Corp.	505-345-2694
Facility Contact	Augustin Diaz, Foreman	505-488-3179
Authorized Official(s)	Carlos Spiess, Division Director	505-379-1712 (cell)

Site Information: *check all that apply*							
Nature of Project	☐Residential	☒Commercial / Industrial	☐Roadway	☐Private	☐Federal	☐State / Municipal	Other
Construction Stage	☐Clearing / Grubbing	☐Rough Grading	☒Infrastructure	☐Building (Vertical)	☐Final Grading	☐Final Stabilization	

Basic Permit Information			Basic SWPPP Information		
Permit Coverage	☒Y	☐N	SWPPP Prepared & Available? *Part 7.1.1, 7.2.1*	☒Y	☐N
Permit Type	☒General	☐Individual	SWPPP Contents Satisfactory?	☒Y	
Notice Posted (visible, font large, NPDES Permit tracking#, contact name & phone #) *Part 1.5*	☐Y	☒N	SWPPP Implementation Satisfactory?	☒Y	☐N
NOI Date	O1/04/2017		SWPPP Date	01/04/2017	
Is NOI Satisfactory?	☒Y				

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

SWPPP Review *(can be completed in office)*			
General			**Notes:**
SWPPP Signed/Certified. Did all operators sign/certify the SWPPP? *Part 7.2.15, Appendix I.11*	☐Y	T N	The SWPPP was signed by the preparer (E2RC, Inc.). There are no signatures for the owner or operator in accordance with Appendix I, Part I.11.
SWPPP completed prior to NOI? *Part 7.1.1, Part 1.2.1*	☐Y	☒N	The SWPPP and NOI have the same date (*January 4, 2017*).
Endangered Species Act. Does SWPPP include documentation supporting determination? *Part 7.2.14.1; Part 1.1.e, Appendix D*	☒Y	☐N	*Criterion C* selected. Included in the SWPPP is US Fish and Wildlife Service Critical Habitat , IPaC Report. Suggests Mexican Spotted Owl 13.5 miles from the project.
Historic Properties. Does SWPPP include documentation supporting determination? *Part 7.2.14.2, Appendix E*	☒Y	☐N	
If applicable, documents contact with agency or office responsible for implementing Safe Drinking Water Act underground injection control well(s)? *Part 7.2.14.3, 40 CFR Parts 144 -147*	☐Y	☐N	N/A
Post-Authorization Additions. Does SWPPP include: Ø Copy of acknowledgement letter Y/N Ø Copy of NOI Y/N Ø Copy of permit Y/ N *Part 7.2.16.3*	☒Y	☐N	
If applicable, SWPPP describes compliance with any case-by-case basis USEPA imposed water quality-based effluent limitation requirements? *Part 3*	☐Y	☐N	N/A
If discharge to an impaired water, includes records of all data used to complete NOI: Ø List of all impaired waters Y/N Ø Pollutant(s) for which the surface water is impaired Y/N Ø Whether a TMDL has been approved or established Y/N *Part 3.2.1, Appendix I.15*	☒Y	☐N	USEPA Mapper used to verify list of impairments which include: Aluminum, Escherichia Coli (E. coli), Polychlorinated Biphenyls (PCBs). No TMDL has been approved by USEPA for these impairments.
Required SWPPP modifications completed? Ø Completed w/7 days Y/N Ø Maintains modification records showing dates, name of person authorizing change and summary Y/N Ø Signed/Certified Y/N Ø Immediately notified other operators Y/N *Parts 7.4, 5.2.2, Appendix I.11.b*	☐Y	☐N	No SWPPP modifications have been made.
Records Retention. Have copies of inspection reports/all other documentation been retained as part of the SWPPP for 3 years from date permit coverage expires or is terminated? *Parts 4.1.7, 5.4.4, Appendix I.10.2, I.15*	☐Y	☐N	Active site. Records Retention N/A

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

Team & Activity Description			Notes:
Identifies stormwater team personnel and responsibilities? Ø Personnel (by name or position) Y/N Ø Individual responsibilities Y/N *Part 7.2.1*	☒Y	☐N	
Is staff training documented? Ø Training occurs prior to the commencement of earth-disturbing activities or pollutant-generating activities, whichever occurs first Y/N Ø Ensures following understand the requirements of this permit and their specific responsibilities: o Personnel responsible for the design, installation, maintenance, and/or repair of controls/measures Y/N o Personnel responsible for the application and storage of treatment chemicals Y/N o Personnel responsible for conducting inspections Y/N o Personnel responsible for taking corrective actions Y/N Ø At a minimum, training includes: o Location of all stormwater controls on the site required by this permit, and how maintained Y/N o Proper procedures to follow with respect to the permit's pollution prevention requirements Y/N o When and how to conduct inspections, record applicable findings, and take corrective actions Y/N *Parts 7.2.13, 6 and permit notes for emergency-related construction activities*	☐Y	☒N	Page 78 of the SWPPP states, "all employees should review the "BMP Field Training and Use Guide" included in the BMP section of the SWPPP and *sign and confirm* their familiarity with the requirements of the project. Signatures in the SWPPP include: Antonio Morales Benjamin Kaiser Martin Aguilar Ron Saavadra There is no date on the signature page, inspector cannot verify that training occurred prior to commencement of earth-disturbance This list does not include the onsite foreman, Mr. Augustine Diaz.
Describes nature of construction activities? Ø Size of the property Y/N Ø Total area to be disturbed Y/N Ø Construction support activity areas Y/N/NA Ø Maximum area to be disturbed at any one time Y/N *Part 7.2.2*	☒Y	☐N	
If applicable, documents emergency-related projects? Ø Cause of public emergency (e.g., natural disaster, extreme flooding conditions, etc.) Y/N Ø Info substantiating occurrence (e.g., state disaster declaration or similar state or local declaration) Y/N Ø Description of the construction necessary to reestablish effected public services Y/N *Parts 7.2.3, 1.2*	☐Y	☐N	N/A
Identifies (lists) other site operators and areas of site over which each has control? Ø List and areas of site over which each has control Y/N *Part 7.2.4*	☒Y	☐N	Caja del Rio Holdings, LLC listed as owner of the site. Signature for the SWPPP provided by Mark Haley, Project Manager
Describes sequence, estimated dates (departures) and duration of construction activities? Ø Installation of control measures when operational Y/N – Buffer Zone	☐Y	☒N	The Sequence of Soil Disturbing activities on page 13 of the SWPPP states: "See Contractor's Site Schedule" with ***no dates***. It was obvious that clearing and grubbing, rough grading and infrastructure has already begun.

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

Ø Commencement/duration clearing & grubbing, mass grading, site preparation (excavating, cutting & filling), final grading, and creation of soil & vegetation stockpiles Y/N Ø Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of site Y/N Ø Final/temporary stabilization areas of exposed soil Y/N Ø Removal of temporary stormwater conveyances/channels and other stormwater control measures Y/N/NA Ø Removal of construction equipment and vehicles Y/N *Part 7.2.5*			
Site Map			**Notes:**
Includes legible site map(s)? *Part 7.2.6*	☒Y	☐N	
Ø Boundaries of the property Y/N Ø Locations construction activities will occur Y/N Ø Locations earth-disturbing activities will occur (note any phasing) Y/N Ø Approximate slopes before and after major grading (note steep slopes) Y/N Ø Locations sediment, soil, or materials will be stockpiled Y/N Ø Locations of crossings of surface waters Y/N Ø Designated points vehicles exit onto paved roads Y/N Ø Locations of structures/impervious surfaces upon completion Y/N Ø Locations of construction support activity areas Y/N *Part 7.2.6.1*	☒Y	☐N	
Ø Locations of surface waters/wetlands, within or in immediate vicinity Y/N Ø Indicates waters listed as impaired, and Tier 2 or Tier 3 Y/N *Part 7.2.6.2*	☒Y	☐N	
Ø Boundary lines of natural buffers *Parts 7.2.6.3, 2.1.2.1a*	☒Y	☐N	
Ø Areas of federally-listed critical habitat for endangered or threatened species *Part 7.2.6.4*	☒Y	☐N	
Ø Topography Y/N Ø Existing vegetative cover Y/N Ø Drainage pattern of stormwater/authorized non-stormwater flow onto, over, and from site before and after major grading Y/N *Part 7.2.6.5*	☒Y	☐N	
Ø Stormwater and allowable non-stormwater discharge locations Y/N Ø Locations of storm drain inlets on site and immediate vicinity Y/N Ø Locations stormwater or allowable non-stormwater will be discharged to surface waters (including wetlands) on or near site Y/N *Part 7.2.6.6*	☒Y	☐N	

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

Ø Locations of potential pollutant-generating activities *Part 7.2.6.7, Part 7.2.7*	☒Y	☐N	
Ø Locations of control measures *Part 7.2.6.8*	☒Y	☐N	
Ø Locations polymers, flocculants, or treatment chemicals will be used/stored *Part 7.2.6.9*	☐Y	☐N	N/A
Construction Site Pollutants			**Notes:**
Includes pollutant-generating activities list and description? *Part 7.2.7.1*	☒Y	☐N	Potential Pollution Sources are listed on page 57 of the SWPPP.
Includes inventory of pollutants or constituents? Ø Inventory Y/N Ø Potential spills/leaks Y/N Ø Departures from manufacturer's specifications for applying fertilizers containing nitrogen & phosphorus Y/N/NA *Parts 7.2.7.2, 2.3.5.1*	☒Y	☐N	
Identifies all sources of allowable non-stormwater discharges? *Parts 7.2.8, 1.3.d*	☒Y	☐N	Discharges from firefighting activities and water used to control dust in accordance with non-stormwater discharge management along with uncontaminated, non-turbid discharges of ground water or spring water are identified as possible sources.
If required (surface water wi/50 feet of earth disturbance), documents and describes <u>buffer compliance alternative</u> selected? Ø Ensures that all discharges from the area of earth disturbance to the natural buffer are first treated by the site's erosion and sediment controls Y/N/NA Ø Uses velocity dissipation devices, if necessary Y/N/NA Ø Documents natural buffer width Y/N/NA Ø Delineates, and clearly marks off, with flags, tape, or other similar marking device all natural buffer areas Y/N/NA Ø Documents erosion and sediment control(s) used to achieve an equivalent sediment reduction Y/N/NA Ø Documents any information relied upon to demonstrate equivalency Y/N/NA *Parts 7.2.9, 2.1.2, Appendix G*	☒Y	☐N	Currently, the construction area is greater than 50 feet from a surface water. As they get closer to surface water, the SWPPP addresses compliance alternatives that will be used.

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

As applicable, describes and documents <u>buffer exceptions</u>? Ø Describes rationale/why infeasible to provide and maintain an undisturbed natural buffer of any size Y/N/NA Ø For linear project, describes buffer width retained and supplemental controls installed Y/N/NA Small residential lot options Y/N/NA Ø Documents CWA Section 404 Permit, water-dependent structure/access disturbances Y/N/NA *Parts 7.2.9; 2.1.2.1e, Appendix G*	☒Y	☐N	The operator should contact US Army Corp of Engineers when they begin any work within the Santa Fe River to see if there are any permitting requirements.
All Stormwater Control Measures			**Notes:**
Describes each measure? Ø Type of measure to be installed and maintained, including design information Y/N Ø Specific sediment controls installed and made operational prior to conducting earth-disturbing activities Y/N/ NA Ø For exit points, stabilization techniques and any additional controls planned to remove sediment prior to vehicle exit Y/N Ø For linear projects (if applicable), where/why it has been determined that the use of perimeter controls is practicable Y/N/NA *Part 7.2.10.1*	☒Y	☐N	This is a linear project (utility infrastructure). There is a buffer around the disturbed areas.
Erosion and Sediment Controls			**Notes:**
Minimizes <u>area of disturbance</u>? *Part 2.1.1.1*	☒Y	☐N	
Describes erosion and sediment control <u>design requirements</u>? Ø Accounts for expected amount, frequency, intensity, duration of precipitation Y/N Ø Accounts for nature of run-on and run-off (channelized peak flow rates & total volume at outlet) Y/N Ø Accounts for range of soil particle sizes (distribution, erosivity and cohesiveness) Y/N Ø Directs discharge to vegetated areas to increase sediment removal and infiltration unless infeasible Y/N/NA Ø Uses velocity dissipation, if necessary Y/N Ø Complies with State of New Mexico except Indian country requirements: o 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 o 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 flow velocities from pre-construction, pre-development conditions) Y/N *Parts 2.1.1.2, 9.4.1.1*	☒Y	☐N	

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

Describes erosion and sediment control <u>installation</u> requirements? Ø Completes installation of downgradient stormwater/sediment controls by the time or immediately following earth-disturbance begins unless infeasible Y/N/NA Ø Installs all other controls and makes operational as soon as conditions allow Y/N Ø Uses good engineering practices and follows manufacturer's specifications or explain departures Y/N *Part 2.1.1.3*	☒Y	☐N	
Describes erosion and sediment control <u>maintenance</u> requirements? Ø Initiates fix immediately and completed by close of next work day (routine maintenance) Y/N Ø Installs new measure/significant repair no later than 7 calendar days or document why infeasible Y/N *Part 2.1.1.4*	☒Y	☐N	
Installs <u>perimeter controls</u> and describes maintenance (removes sediment before it has accumulated to 1/2 of the above-ground height)? *Part 2.1.2.2*	☒Y	☐N	Buffer zone
Minimizes <u>sediment track-out</u>? Ø Restricts vehicle use to properly designated exit points? Y/N Ø Uses appropriate stabilization techniques at all points that exit onto paved roads? Y/N Ø Where necessary, uses additional measures to remove sediment prior to exit? Y/N/NA Ø Removes tracked out sediment prior to the end of the same work day or if occurs on non-work day the next work day? Y/N *Part 2.1.2.3*	☒Y	☐N	There is one entrance to the site. The entrance has an aggregate area prior to exit but no geotextile liner.
Controls discharges from <u>stockpiled sediment or soil</u>? Ø Locates piles outside of buffers Y/N Ø Locates piles separate from stormwater controls Y/N Ø Uses temporary sediment barrier Y/N Ø Where practicable, provides cover or temporary stabilization Y/N Ø Does not hose down or sweep into stormwater conveyance unless connected to basin, trap, etc. Y/N Ø Contains and securely protects pile from wind? Y/N *Part 2.1.2.4*	☐Y	☐N	N/A There are no stockpiled areas on site. Once the sewer lines are placed in the ground, they are immediately covered.
Minimizes <u>dust</u>? *Part 2.1.2.5*	☒Y	☐N	
Minimizes disturbance of <u>steep slopes</u>? *Part 2.1.2.6*	☒Y	☐N	
Preserves <u>topsoil</u>, unless infeasible? *Part 2.1.2.7*	☒Y	☐N	

Minimizes <u>soil compaction</u> where final vegetative stabilization or infiltration installed? *Part 2.1.2.8*	☒Y	☐N	
Protects <u>storm drain inlets</u> and describes maintenance requirements (removes sediment by	☐Y	☐N	N/A

the end of the same work day or end of the following work day)? *Part 2.1.2.9*			N/A
Describes <u>constructed conveyance channel</u> controls (if installed)? *Part 2.1.3.1*	☐Y	☐N	N/A
Describes <u>sediment basin</u> design (if installed) and maintenance (maintain at least ½ of capacity at all times)? *Part 2.1.3.2*	☐Y	☐N	N/A
Describes <u>treatment chemical</u> controls (if used)? *Part 2.1.3.3*	☐Y	☐N	N/A
Includes documentation for use of <u>treatment chemicals</u> (polymers, flocculants, or other treatment chemicals)? Ø 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 Ø Lists all treatment chemicals and why the selection of these chemicals is suited to the soil characteristics Y/N Ø 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 Ø Dosage/methodology to determine dosage Y/N Ø Information from any applicable MSDS Y/N Ø Schematic drawings of any chemically-enhanced or chemical treatment systems Y/N/NA Ø Description of how chemicals will be stored Y/N Ø References to applicable state or local requirements and copies of applicable manufacturer's specifications Y/N Ø Description of training that personnel have received or will receive Y/N *Parts 7.2.10.2, 2.1.3.3h*	☐Y	☐N	N/A
Describes <u>dewatering</u> controls (if installed)? *Part 2.1.3.4*	☐Y	☐N	N/A
Stabilization Requirements			**Notes:**
Describes compliance with deadlines for vegetative and/or non-vegetative stabilization practices, including exceptions? <u>Deadline to Initiate</u> Ø Initiates stabilization immediately (no later than end of next work day following earth-disturbing activities permanently/temporarily ceased) Y/N <u>Deadline to Complete</u> Ø As soon as practicable, but no later 14 calendar days after initiation, completes stabilization (for vegetative, all activities to initially seed or plant, and/or for non-vegetative, installation or application) Y/N Ø 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	☒Y	☐N	This is an active site, which has not been inactive for longer than 14 days. No stabilization has commenced.

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seasonally dry period, site conditions, and schedule Y/N/NA Ø Documents/describes circumstances beyond control that prevent meeting deadlines Y/N/NA Ø If discharging to sediment or nutrient-impaired waters or Tier 2~~, 2.5~~ or 3 waters, completes stabilization (vegetative or non-vegetative) wi/7 calendar days after temporary or permanent cessation Y/N/NA *Parts 7.2.10.3, 2.2.1, 3, 9.4.1.3*			
Describes compliance with vegetative (final) stabilization criteria? Ø 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 Ø 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 *Parts 7.2.10.3, 2.2.2.a, 3, 9.4.1.4*	☒Y	☐N	Site stabilization practices for permanently ceased activities include: Asphalt pavement Concrete Landscaping Pond Swale Implementation schedule states “See Contractor’s Site Schedule”.

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

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

Inspections and Corrective Action			
SWPPP describes procedures for <u>inspection, maintenance, and corrective action</u>? Ø Personnel conducting inspections Y/N Ø Inspection schedule Y/N Ø Reduction of inspection frequency Y/N/NA. As applicable: o location of the rain gauge or the address of weather station to obtain rainfall data Y/N/NA o beginning and ending dates of the seasonally-defined arid period for your area or the valid period of drought Y/N/NA o beginning and ending dates of frozen conditions Y/N/NA Ø Inspection or maintenance checklists or other forms that will be used Y/N *Parts 7.2.12*	☐ Y	☒ N	There was no rain gauge when we arrived on site. Mr. Spiess placed a rain gauge prior to our preliminary exit interview.
Inspections			**Notes:**
Inspections performed by "qualified" person? *Part 4.1.1*	☒ Y	☐ N	Delegation of authority has been given to E2RC, Inc. ***The inspection report states that signage has been posted since the first inspection on January 24, 2017. However, on the date of the inspection, no signage (Post a Notice of Your permit coverage, Part 1.5) was not seen. Mr. Spiess later posted the coverage sign***.
Conducts inspections at a minimum of required frequency unless reductions documented? Ø Every 7 days <u>or</u> 14 days & w/in 24 hrs of a 0.25" rain event Y/N *Part 4.1.2*	☒ Y	☐ N	Inspections are done every 7 days. These include inspections done on: 01/24/17; 01/31/17; 02/7/17;02/14/17;02/21/17; 02/28/17; and 03/07/17.
If applicable, conducts increased inspection frequency for sites with discharges to sediment or nutrient-impaired waters or Tier 2~~, 2.5~~ or 3 waters: Ø Once every 7 days Y/N; <u>and</u> Ø Within 24 hrs of a ≥ 0.25" rain event Y/N? *Parts 4.1.3, 3.3.2.1, 3.3.2*	☒ Y	☐ N	
If allowable (begin/end dates recorded), documents reduced inspection frequency? Ø Stabilized area - 1/mo in areas where stabilization has been completed Y/N/NA Ø For arid/semi arid during seasonally dry period or drought-stricken areas - 1/mo and wi/24 hrs of the occurrence of a storm event ≥ 0.25" Y/N/NA Ø For frozen conditions (runoff unlikely, disturbance suspended, areas stabilized) -suspends until thawing conditions Y/N/NA *Part 4.1.4.1 thru 3*	☐ Y	☐ N	N/A
Inspection areas includes: Ø All cleared, graded, excavated, and not completed stabilization Y/N Ø All controls/measures Y/N/ NA Ø Material/waste/borrow/equipment storage and maintenance areas Y/N /NA Ø All areas stormwater typically flows Y/N Ø All points of discharge Y/N Ø All locations stabilization implemented Y/N/NA *Part 4.1.5*	☒ Y	☐ N	
Inspection includes minimum requirements? Ø Controls installed/operational Y/N	☒ Y	☒ N	No controls have been installed as suggested by the SWPPP.

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Ø Determines need to replace, repair, or maintain Y/N Ø Conditions that could lead to spills, leaks, and accumulations of pollutants Y/N Ø Identifies where new or modified controls are necessary Y/N Ø At points of discharge, checks for visible erosion/sedimentation on banks Y/N/NA Ø Identifies noncompliance Y/N Ø If discharge is occurring: o Identifies all points of discharge Y/N o Observes/documents visual quality, including color, odor, floating, settled, or suspended solids, foam, oil sheen, and other of pollutants Y/N o Documents whether controls operating effectively, and describes controls not operating as intended or need maintenance Y/N Ø Based on results of inspection, initiates corrective action under Part 5. *Part 4.1.6*			
Inspection reports: Ø Completed within 24 hrs Y/N Inspections are not signed within 24 hours by authorized individual (Mr. Spiess) Ø Includes inspection date Y/N Ø Includes names/titles of personnel Y/N Ø Includes summary of findings Y/N Ø Includes applicable rain gauge reading Y/N/NA Ø Signed and certified in accordance with Appendix I.11 Y/N *Mr. Spiess did not sign any of the inspection reports.* *Part 4.1.7.1 and 2*	☐ Y	☒ N	Signatory authority is by a responsible corporate officer is required for all inspection reports.

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Corrective Action			Notes:
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? *Part 5*	☐ Y	☐ N	N/A-no corrective action needed per inspection reports.
Within 24 hours of discovering the occurrence, completes a report of the following: Ø Condition identified Y/N Ø Nature of the condition identified Y/N Ø Date and time of the condition identified and how it was identified Y/N *Part 5.4*	☐ Y	☐ N	N/A- no corrective action required.
Within 7 calendar days of discovering the occurrence, completes a report of the following: Ø Follow-up actions taken to review the design, installation, and maintenance of stormwater controls, including the dates such actions occurred Y/N Ø Summary of stormwater control modifications taken or to be taken Y/N Ø Schedule of activities necessary to implement changes Y/N Ø Date the modifications are completed or expected to be completed Y/N Ø Notice of whether SWPPP modifications are required as a result of the condition identified or corrective action Y/N Ø Signed and certified in accordance with Appendix I.11 Y/N *Parts 5.4.2, 5.4.3*	☐ Y	☐ N	N/A- no corrective action required.

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Implementation *(complete in field)* ***(Narrative Description if Control Measures Installed, Operational, Effective and Maintained)***	
Erosion and Sediment Control Practices *Part 2.1*	
Minimize area of disturbance:	*(Provide brief description)* Yes
Buffer compliance:	*(e.g., provide and maintain a 50-foot undisturbed natural buffer)* Yes
Perimeter controls:	*(e.g., filter berms, silt fences, temporary diversion dikes)* No BMPs required needed. This is a linear project with a buffer zone around the disturbance. BMPs may be required as the project progressed further.
Exit point or sediment track out:	*(e.g, aggregate stone with an underlying geotextile or non-woven filter fabric, or turf mats, wheel washing, rumble strips, plates, sweeping)* There was aggregate stone but appeared not to have a geotextile or non-woven filter fabric beneath.
Stockpiled sediment or soil:	*(e.g., berms, dikes, fiber rolls, silt fences, sandbag, gravel bags)* No stockpiled sediment or soil. The project requires that once the sewer lines are placed, they are covered immediately.
Minimize dust:	*(e.g., application of water or other dust suppression techniques)* Water trucks on site spraying areas to minimize dust.
Steep slopes:	*(e.g., standard erosion and sediment control practices, phasing disturbances, stabilization practices)* There are no steep slopes seen in the area of construction.
Preserve topsoil:	*(e.g., stockpiling or transfer of topsoil to other locations)* N/A
Soil compaction:	*(e.g., restrict vehicle / equipment use, soil conditioning techniques)* N/A
Storm drain inlet protection:	*(e.g., fabric filters, sandbags, concrete blocks, gravel barriers)* No storm drains present.
Conveyance channels:	*(e.g., erosion controls, and velocity dissipation check dams, sediment traps, riprap, or grouted riprap at outlets)* N/A
Sediment basin:	*(e.g., outlet structures that withdraw from the surface, stabilization, erosion controls, velocity dissipation, kept at least ½ design capacity)* N/A

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Erosion and Sediment Control Practices - Continued	
Treatment chemicals:	*(e.g., spill berms, decks, spill containment pallets, storing chemicals in covered area, spill kit available on site)* N/A
Dewatering:	*(e.g., sediment basins or sediment traps, sediment socks, dewatering tanks, tube settlers, weir tanks, or filtration systems (e.g., bag or sand filters) designed to remove sediment)* N/A
Other erosion and sediment controls or practices:	*(Provide brief description)* N/A
Stabilization Practices *Part 2.2*	
Stabilization:	*(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)* Active site.
Are stabilization measures initiated immediately? **Y/N Are they completed within 14 days of construction cessation**? **Y/N**	*(e.g. indicate "yes" or "no"; if not within 14 days of construction cessation, how long without stabilization measures?)* Active site.
Pollution Prevention Measures *Part 2.3*	
Fueling and maintenance of vehicles:	*(e.g., locating activities away from surface waters and stormwater inlets or conveyances, providing secondary containment (e.g., spill berms, decks, spill containment pallets)and cover where appropriate, and/or having spill kits readily available)* N/A
Washing equipment & vehicles:	*(e.g., locating activities away from surface waters, stormwater, inlets, conveyances, sediment basin or sediment trap, using filtration devices, such as filter bags or sand filters, plastic sheeting, temporary roofs)* N/A
Washing applicators/containers (e.g., stucco, paint, concrete, form release oils, curing compounds, and other construction materials)	*(e.g., leak-proof container or pit, locate as far away as possible from surface waters, inlets or conveyances, designate areas)* Not on site.

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Pollution Prevention Measures – Continued	
Storage, handling, disposal of construction materials, products and waste:	*Building products (e.g., asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures):* A waste bin on site.
	Pesticides, herbicides, insecticides, fertilizers, and landscape materials: N/A
	Diesel fuel, oil, hydraulic fluids, other petroleum products, and other chemicals: N/A.
	Hazardous or toxic waste (e.g, paints, solvents, petroleum-based products, wood preservatives, additives, curing compounds, acids): N/A
	Construction and domestic waste (e.g., packaging materials, scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, styrofoam, concrete, and other trash or building materials): A waste bin on site.
	Sanitary waste: One Port-A Potty, staked down, on site.
Fertilizer application:	*(e.g., avoids applying before heavy rains, never applies to frozen ground, never applies to conveyance channels with flowing water)* N/A
Miscellaneous	
Evidence of not allowable non-storm water discharges or prohibited discharge?	*(Provide brief description and determine whether any non-storm water discharges allowable)* None
Evidence of sediment deposition to surface waters or MS4?	*(e.g. significant turbidity observed in a receiving water body)* None