NEW MEXICO
ENVIRONMENT DEPARTMENT

SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lt. Governor

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

BUTCH TONGATE
Acting Cabinet Secretary

J. C. Borrego
Acting Deputy Secretary

Certified Mail - Return Receipt Requested

September 1, 2016

Ms. Kari Biernacki, Vice President
AUI, Inc.
7420 Reading Ave
Albuquerque, NM, 87105

Re: Hospital Tank Replacement, Construction Stormwater; SIC 1542; NPDES Compliance Evaluation Inspection; NPDES #NMR12BI56; August 2, 2016

Dear Ms. Biernacki:

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

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

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

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

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

Sincerely,

/s/ Sarah Holcomb

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

cc: Carol Peters-Wagnon, USEPA (6EN-WM) by e-mail
Racquel Douglas, USEPA (6EN-WM) by e-mail
Gladys Gooden-Jackson, USEPA (6EN-WC) by e-mail
Robert Houston, USEPA, by e-mail
Robert Italiano, NMED District II, by e-mail
Anthony Johnson, AUI, by email
Nicholas Schiavo, City of Santa Fe, 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

1	Transaction Code	2	NPDES	11	yr/mo/day	17	Inspec. Type	18	Inspector	19	Fac Type	20
	N	5	NMR12BI56		160802		}		S		2	

Remarks: CONSTRUCTION > 1 ACRES

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

Section B: Facility Data

Name and Location of Facility Inspected *(For industrial users discharging to POTW, also include POTW name and NPDES permit number)*	Entry Time /Date	Permit Effective Date
Hospital Tank Replacement 455 St. Michaels Dr., Santa Fe, NM 87505	9:40A 8/2/16	Feb 1, 2012
	Exit Time/Date 12:20 p 8/2/16	Permit Expiration Date Feb 1, 2017

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)

Mr. Dave Diss, Project Scientist SMA 505-325-7535
Mr. Anthony Johnson AUI, 505-242-4848
Mr Jeff Hartman-Inspections Plus, Inc., 505-344-9410
Mr. Nick Schiavo City of Santa Fe, 505-955-4267

Other Facility Data

SIC 1542

Long 105.9426
Lat 35.6582

Name, Address of Responsible Official/Title/Phone and Fax Number

Kari Biernacki, AUI Vice President, karib@auiinc.net

Contacted: Yes [ ] No [x]

Section C: Areas Evaluated During Inspection

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

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

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

1. The inspectors arrived on site at approximately 09:40 hours on August 2, 2016, and made introductions, Ms. Sandra Gabaldon presented credentials and explained the purpose of the inspection to Mr. Dave Diss, Project Scientist for SMA, a subcontractor on the site. He provided a site tour until Mr. Anthony Johnson, AUI the general contractor and entity overseeing the day to day activities arrived on site. An exit interview was conducted with Mr. Diss, Mr. Johnson, Mr Jeff Hartman-Inspections Plus, Inc., and Mr. Nick Schiavo City of Santa Fe.
Additional information was received from Inspections Plus (inspection dated 8-1-16), and City of Santa Fe (NOI dated 8-3-16) that has been incorporated into this inspection report.

2. Please see checklist for further information.

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone/Fax	Date
Jennifer Foote */s/Jennifer Foote*	NMED/SWQB	9-1-16
Signature of Management QA Reviewer	**Agency/Office/Phone and Fax Numbers**	**Date**
Sarah Holcomb */s/ Sarah Holcomb*	NMED/SWQB	9-1-16

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

National Database Information		General	
Inspection Type	CEI	Inspector Name	Jennifer Foote
NPDES ID Number	NMR12BI56: AUI NMU001917: City Santa Fe	Telephone	505-827-0596
Inspection Date	8/2/16	Entry Time	9:40A
Inspector Type (check one)	☐EPA ☒State ☐ EPA Oversight	Exit Time	12:20P
Facility Type (check one)	☐Commercial / ☐Residential / ☐Municipal / ☒Industrial	Signature	

Facility Location Information				
Name/Location/Mailing Address	Hospital Tank Replacement 455 St. Michaels Dr., Santa Fe, NM 87505			
Coordinates	Latitude	W 105.9426	Longitude	N 35.6582
Receiving Waters	Arroyo Chamiso thence to Santa Fe River			
Disturbed Area	2 acres	Start/Stop Dates	6/15/16 – 2/15/17	

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator	City of Santa Fe- Owner AUI, Inc.- day to day Operator	
Facility Contact	Mr. Dave Diss -SMA Mr. Anthony Johnson -AUI Mr. Jeff Hartman-Inspections Plus, Inc. Mr. Nick Schiavo - City of Santa Fe.	505-325-7535 505-242-4848 505-344-9410 505-955-4267
Authorized Official(s)	Ms. Kari Biernacki -AUI Vice President Mr. Alex Puglisi- City of Santa Fe Environmental Compliance Specialist	karib@auiinc.net aapuglisi@santafenm.gov

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 AUI, Inc.	☒N City Santa Fe	SWPPP Prepared & Available? *Part 7.1.1, 7.2.1*	☒Y	☐N
Permit Type	☒General	☐Individual	SWPPP Contents Satisfactory?	☐Y	☒N
Notice Posted (visible, font large, NPDES Permit tracking#, contact name & phone #) *Part 1.5*	☒Y	☐N	SWPPP Implementation Satisfactory?	☒Y	☐N
NOI Date	5/31/16	8/3/16	SWPPP Date	6/10/16	7/20/16
Is NOI Satisfactory?	☒Y	☐N			

Additional Facility and Inspection Information *(optional)*
City of Santa Fe submitted NOI on 8/3/16, permit # NMR12BK56. NOI was certified by Alex Puglisi, City of Santa Fe Environmental Compliance Specialist.

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	☐ N	
SWPPP completed prior to NOI? *Part 7.1.1, Part 1.2.1*	☒ Y	☒ N	City of Santa Fe certified 7/20/16, NOI submitted 8/3/16 AUI certified SWPPP 6/10/16, NOI certified 5/31/16
Endangered Species Act. Does SWPPP include documentation supporting determination? *Part 7.2.14.1; Part 1.1.e, Appendix D*	☐ Y	☒ N	
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 <u>underground injection control well(s)</u>? *Part 7.2.14.3, 40 CFR Parts 144 -147*	☐ Y	☐ N	N/A
Post-Authorization Additions. Does SWPPP include: ➢ Copy of acknowledgement letter Y/N ➢ Copy of NOI Y/N ➢ Copy of permit Y/ N *Part 7.2.16.3*	☒ Y	☐ N	No NOI for City of Santa Fe at time of inspection-submitted NOI on 8/3/16
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: ➢ 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 *Part 3.2.1, Appendix I.15*	☒ Y	☐ N	
Required SWPPP modifications completed? ➢ Completed w/7 days Y/N ➢ Maintains modification records showing dates, name of person authorizing change and summary Y/N ➢ Signed/Certified Y/N ➢ Immediately notified other operators Y/N *Parts 7.4, 5.2.2, Appendix I.11.b*	☐ Y	☒ N	No modifications to SWPPP 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	Inspections dated 7-12-16, 7-20-16, 7-26-16 retained with plan. Inspection for 8-1-16 provided afternoon of 8-2-16

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

Team & Activity Description			Notes:
Identifies stormwater team personnel and responsibilities? ➢ Personnel (by name or position) Y/N ➢ Individual responsibilities Y/N *Part 7.2.1*	☒ Y	☐ N	
Is staff training documented? ➢ Training occurs prior to the commencement of earth-disturbing activities or pollutant-generating activities, whichever occurs first Y/N ➢ Ensures following understand the requirements of this permit and their specific responsibilities: 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 ➢ 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	No training has been conducted. Staff were unaware of SWPPP updating requirements such as signing inspections and entering data into tracking logs.
Describes nature of construction activities? ➢ Size of the property Y/N ➢ Total area to be disturbed Y/N ➢ Construction support activity areas Y/N ➢ Maximum area to be disturbed at any one time Y/N *Part 7.2.2*	☒ Y	☐ N	
If applicable, documents emergency-related projects? ➢ 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 *Parts 7.2.3, 1.2*	☐ Y	☐ N	N/A
Identifies (lists) other site operators and areas of site over which each has control? ➢ List and areas of site over which each has control Y/N *Part 7.2.4*	☒ Y	☐ N	

Describes sequence, estimated dates (departures) and duration of construction activities? ➢ Installation of control measures when operational Y/N ➢ Commencement/duration clearing & grubbing, mass grading, site preparation (excavating, cutting & filling), final grading, and creation of soil & vegetation stockpiles Y/N ➢ Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of site Y/N ➢ Final/temporary stabilization areas of exposed soil Y/N ➢ Removal of temporary stormwater conveyances/channels and other stormwater control measures Y/N ➢ Removal of construction equipment and vehicles Y/N *Part 7.2.5*	☒ Y	☐ N	Dates of actual disturbance are documented in inspections and state site grading and BMP installation began 7/12/16. No date entered for temporary cessation of disturbance for the access road portion of the site.
Site Map			**Notes:**
Includes legible site map(s)? *Part 7.2.6*	☒ Y	☐ N	
➢ Boundaries of the property Y/N ➢ Locations construction activities will occur Y/N ➢ Locations earth-disturbing activities will occur (note any phasing) Y/N ➢ Approximate slopes before and after major grading (note steep slopes) Y/N ➢ Locations sediment, soil, or materials will be stockpiled Y/N ➢ Locations of crossings of surface waters Y/N ➢ Designated points vehicles exit onto paved roads Y/N ➢ Locations of structures/impervious surfaces upon completion Y/N ➢ Locations of construction support activity areas Y/N *Part 7.2.6.1*	☐ Y	☒ N	BMPs are installed outside of site boundary shown on map. Locations of material storage, and stockpiles are not current. Location of final surface water is shown on map as straight line distance to Santa Fe River, not final distance/location that storm water actually flows.
➢ Locations of surface waters/wetlands, within or in immediate vicinity Y/N ➢ Indicates waters listed as impaired, and Tier 2~~, Tier 2.5,~~ or Tier 3 Y/N *Part 7.2.6.2*	☒ Y	☐ N	
➢ Boundary lines of natural buffers *Parts 7.2.6.3, 2.1.2.1a*	☐ Y	☒ N	No reference to buffers in plan.
➢ Areas of federally-listed critical habitat for endangered or threatened species *Part 7.2.6.4*	☒ Y	☐ N	
➢ Topography Y/N ➢ Existing vegetative cover Y/N ➢ 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	

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

➢ Stormwater and allowable non-stormwater discharge locations Y/N ➢ Locations of storm drain inlets on site and immediate vicinity Y/N ➢ Locations stormwater or allowable non-stormwater will be discharged to surface waters (including wetlands) on or near site Y/N *Part 7.2.6.6*	☐ Y	☒ N	No information on non-stormwater discharges locations on map. Map shows straight line distance to Santa Fe River, not final distance/location that storm water actually flows.
➢ Locations of potential pollutant-generating activities *Part 7.2.6.7, Part 7.2.7*	☒ Y	☐ N	Future concrete washout is located on map.
➢ Locations of control measures *Part 7.2.6.8*	☐ Y	☒ N	Map shows mulch socks instead of silt fence. Control measures are located outside of project perimeter.
➢ 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	
Includes inventory of pollutants or constituents? ➢ Inventory Y/N ➢ Potential spills/leaks Y/N ➢ Departures from manufacturer's specifications for applying fertilizers containing nitrogen & phosphorus Y/N *Parts 7.2.7.2, 2.3.5.1*	☐ Y	☒ N	Hazardous materials log sheet has not been completed.
Identifies all sources of allowable non-stormwater discharges? *Parts 7.2.8, 1.3.d*	☐ Y	☒ N	Identifies concrete wash water in allowable non-stormwater discharges (with listed control to contain wash waters).
If required (surface water wi/50 feet of earth disturbance), documents and describes <u>buffer compliance alternative</u> 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/NA ➢ Uses velocity dissipation devices, if necessary Y/N/NA ➢ Documents natural buffer width Y/N/NA ➢ Delineates, and clearly marks off, with flags, tape, or other similar marking device all natural buffer areas Y/N/NA ➢ Documents erosion and sediment control(s) used to achieve an equivalent sediment reduction Y/N/NA ➢ Documents any information relied upon to demonstrate equivalency Y/N/NA *Parts 7.2.9, 2.1.2, Appendix G*	☐ Y	☒ N	No reference to buffers in plan.

As applicable, describes and documents <u>buffer exceptions</u>? ➢ Describes rationale/why infeasible to provide and maintain an undisturbed natural buffer of any size Y/N/NA ➢ For linear project, describes buffer width retained and supplemental controls installed Y/N/NA ➢ Small residential lot options Y/N/NA ➢ Documents CWA Section 404 Permit, water-dependent structure/access disturbances Y/N *Parts 7.2.9; 2.1.2.1e, Appendix G*	☐ Y	☒ N	No reference to buffers in plan.
All Stormwater Control Measures			**Notes:**
Describes each measure? ➢ Type of measure to be installed and maintained, including design information Y/N ➢ Specific sediment controls installed and made operational prior to conducting earth-disturbing activities Y/N ➢ For exit points, stabilization techniques and any additional controls planned to remove sediment prior to vehicle exit Y/N ➢ For linear projects (if applicable), where/why it has been determined that the use of perimeter controls is practicable Y/N *Part 7.2.10.1*	☒ Y	☐ N	
Erosion and Sediment Controls			**Notes:**
Minimizes <u>area of disturbance</u>? *Part 2.1.1.1*	☒ Y	☐ N	Map indicates areas of vegetation to be preserved.
Describes erosion and sediment control <u>design</u> requirements? ➢ Accounts for expected amount, frequency, intensity, duration of precipitation Y/N ➢ Accounts for nature of run-on and run-off (channelized peak flow rates & total volume at outlet) Y/N ➢ Accounts for range of soil particle sizes (distribution, erosivity and cohesiveness) Y/N ➢ Directs discharge to vegetated areas to increase sediment removal and infiltration unless infeasible Y/N/NA ➢ Uses velocity dissipation, if necessary Y/N ➢ Complies with State of New Mexico except Indian country requirements: 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	☐ Y	☒ N	Site information states that project is in arid area with less than 10" of rain. Santa Fe has an average rainfall of 14". No controls were included for storm drain culvert or to prevent sediment from entering arroyo. No velocity dissipation or temporary stabilization included for runoff channels from new access road to arroyo. RUSLE calculation (sediment yield) does not describe type of controls used to reduce sediment delivery. BMP Phasing section of the plan describes wattles used at the end of the RUSLE slope as well as use as perimeter control, however, silt fence was shown on the map and installed outside the site limits in an area that does not receive runoff from disturbed areas of the site. Straw bales were designed and installed in the channel. Details included for straw bales specify they are not to be used in areas of concentrated flow. No information on flow velocity rates from the site.

and flow velocities from pre-construction, pre-development conditions) Y/N *Parts 2.1.1.2, 9.4.1.1*			
Describes erosion and sediment control <u>installation</u> requirements? ➢ Completes installation of downgradient stormwater/sediment controls by the time or immediately following earth-disturbance begins unless infeasible Y/N/NA ➢ Installs all other controls and makes operational as soon as conditions allow Y/N ➢ Uses good engineering practices and follows manufacturer's specifications or explain departures Y/N *Part 2.1.1.3*	☒ Y	☐ N	Straw bales were installed in the channel. Details included for straw bales specify they are not to be used in areas of concentrated flow.
Describes erosion and sediment control <u>maintenance</u> requirements? ➢ Initiates fix immediately and completed by close of next work day (routine maintenance) Y/N ➢ Installs new measure/significant repair no later than 7 calendar days or document why infeasible Y/N *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	Perimeter controls are located outside of site limits.
Minimizes <u>sediment track-out</u>? ➢ Restricts vehicle use to properly designated exit points? Y/N ➢ Uses appropriate stabilization techniques at all points that exit onto paved roads? Y/N ➢ Where necessary, uses additional measures to remove sediment prior to exit? Y/N/NA ➢ Removes tracked out sediment prior to the end of the same work day or if occurs on non-work day the next work day? Y/N *Part 2.1.2.3*	☒ Y	☐ N	Facility has rock stabilized entrance, plan only states to sweep as needed not prior to the end of the workday.
Controls discharges from <u>stockpiled sediment or soil</u>? ➢ Locates piles outside of buffers Y/N ➢ Locates piles separate from stormwater controls Y/N ➢ Uses temporary sediment barrier Y/N ➢ Where practicable, provides cover or temporary stabilization Y/N ➢ Does not hose down or sweep into stormwater conveyance unless connected to basin, trap, etc. Y/N ➢ Contains and securely protects pile from wind? Y/N *Part 2.1.2.4*	☐ Y	☒ N	No BMPs described for stockpiled sediment.
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 topsoil, unless infeasible? *Part 2.1.2.7*	☒ Y	☐ N	

Minimizes soil compaction where final vegetative stabilization or infiltration installed? *Part 2.1.2.8*	☒ Y	☐ N	
Protects storm drain inlets and describes maintenance requirements (removes sediment by the end of the same work day or end of the following work day)? *Part 2.1.2.9*	☐ Y	☒ N	No BMPs for culvert.
Describes constructed conveyance channel controls (if installed)? *Part 2.1.3.1*	☐ Y	☒ N	No controls or stabilization of roadside channel
Describes sediment basin design (if installed) and maintenance (maintain at least ½ of capacity at all times)? *Part 2.1.3.2*	☐ Y	☐ N	N/A
Describes treatment chemical controls (if used)? *Part 2.1.3.3*	☐ Y	☐ N	N/A
Includes documentation for use of treatment chemicals (polymers, flocculants, or other treatment chemicals)? ➢ Lists all soil types expected to be exposed and locations where chemicals will be applied. Also include a list of soil types expected to be found in fill material to be used in same areas Y/N ➢ Lists all treatment chemicals and why the selection of these chemicals is suited to the soil characteristics Y/N ➢ If authorized by EPA to use cationic treatment chemicals, includes the specific controls and implementation procedures designed to ensure use of cationic treatment chemicals will not lead to a violation of water quality standards Y/N/NA ➢ Dosage/methodology to determine dosage Y/N ➢ Information from any applicable MSDS Y/N ➢ Schematic drawings of any chemically-enhanced or chemical treatment systems Y/N/NA ➢ Description of how chemicals will be stored Y/N ➢ References to applicable state or local requirements and copies of applicable manufacturer's specifications Y/N ➢ Description of training that personnel have received or will receive Y/N *Parts 7.2.10.2, 2.1.3.3h*	☐ Y	☐ N	N/A
Describes dewatering controls (if installed)? *Part 2.1.3.4*	☐ Y	☐ N	N/A

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

Stabilization Requirements			Notes:
Describes compliance with deadlines for vegetative and/or non-vegetative stabilization practices, including exceptions? Deadline to Initiate ➢ Initiates stabilization immediately (no later than end of next work day following earth-disturbing activities permanently/temporarily ceased) Y/N Deadline to Complete ➢ As soon as practicable, but no later 14 calendar days after initiation, completes stabilization (for vegetative, all activities to initially seed or plant, and/or for non-vegetative, installation or application) Y/N ➢ In arid, semi-arid or drought-stricken areas for permanent stabilization, immediately initiates, and within 14 calendar days completes non-vegetative stabilization measures to prevent erosion; and as soon as practicable completes all activities necessary to initially seed or plant; and documents beginning/ending dates of the seasonally dry period, site conditions, and schedule Y/N/NA ➢ Documents/describes circumstances beyond control that prevent meeting deadlines Y/N/NA ➢ If discharging to sediment or nutrient-impaired waters or Tier 2~~, 2.5~~ or 3 waters, completes stabilization (vegetative or non-vegetative) 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*	☒ Y	☐ N	Includes interim stabilization method of soil tackifier for disturbed areas and pond liner areas. There are no plans for a pond at this site. However, access road slope portions of the site will be temporarily undisturbed. Though plan includes information on deadlines, there is no specific information in plan or on site map as to how site will be reseeded and stabilized (blankets, hydromulch, etc)
Describes compliance with vegetative (final) stabilization criteria? ➢ Provides uniform vegetation (e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for all unpaved areas / areas not covered by permanent structures Y/N ➢ Immediately after seeding or planting the area to be vegetatively stabilized, to the extent necessary to prevent erosion on the seeded or planted area, select, design, and install non-vegetative erosion controls that provide cover while vegetation is becoming established Y/N *Parts 7.2.10.3, 2.2.2.a, 3, 9.4.1.4*	☒ Y	☐ N	

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

If applicable, describes compliance with State of New Mexico, except Indian country, arid, semi-arid areas, or drought stricken option for final stabilization: ➢ Area seeded/planted must wi/3 yrs provides established vegetation that achieves 70% of the native background vegetative cover Y/N ➢ Selects, designs, and installs non-vegetative erosion controls that provide cover for at least 3 years without active maintenance Y/N ➢ Complies with notification, inspection maintenance, and reporting) Y/N *Parts 7.2.10.3, 2.2.2.b, 3, 9.4.1.5*	☐ Y	☐ N	N/A
If using, provides effective non-vegetative cover to stabilize? *Parts 7.2.10.3, 2.2.2.2*	☐ Y	☒ N	Details only include information on seeding as method of temporary stabilization, no information on how to apply soil tackifier described in the plan as the method of temporary stabilization.
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? ➢ Concrete washout, unless managed by control in Part 2.3.3.4 Y/N ➢ Washout/cleanout of stucco, paint, form release oils, curing compounds and other materials unless managed by control in Part 2.3.3.4 Y/N ➢ Fuels, oils or other from vehicle and equipment O&M Y/N ➢ Soaps, solvents, or detergents used in vehicle and equipment washing Y/N ➢ Toxic or hazardous substances from spill/release Y/N *Part 2.3.1*	☐ Y	☒ N	Identifies concrete wash water in allowable non-stormwater discharges (with listed control to contain wash waters).
Properly maintains and protects all pollution prevention controls? *Part 2.3.2*	☒ Y	☐ N	
Complies with pollution prevention standards for certain activities? ➢ Fueling/maintenance of equipment or vehicles Y/N/NA ➢ Washing of equipment and vehicles Y/N/NA ➢ Storage, handling, disposal of materials, products and waste Y/N/NA ➢ Washing applicators/containers Y/N/NA *Part 2.3.3*	☒ Y	☐ N	
Minimizes discharge/complies with restrictions of <u>fertilizer application</u>? *Part 2.3.5*	☐ Y	☐ N	N/A

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

Inspections and Corrective Action			
SWPPP describes procedures for <u>inspection, maintenance, and corrective action</u>? ➢ Personnel conducting inspections Y/N ➢ Inspection schedule Y/N ➢ 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 ➢ Inspection or maintenance checklists or other forms that will be used Y/N *Parts 7.2.12*	☒ Y	☐ N	
Inspections			**Notes:**
Inspections performed by "qualified" person? *Part 4.1.1*	☐ Y	☒ N	Qualifications described are limited to three weeks of one on one field training. Inspection reports do not include an acceptable level of detail, the first three inspection reports are identical other than date and time. The inspections state that there are no natural resources(arroyos) on site, and storm drain inlets are properly protected. Inspector did not identify sediment in channel, silt fence undercut by soil piping, straw bales located in channel, lack of inlet protection, changes required in SWPPP, discharge occurrence, or why inspection wasn't performed within 24 hours of rainfall on his 8/1/16 inspection. No corrective measures were identified to repair and prevent future erosion at the culvert.
Conducts inspections at a minimum of required frequency unless reductions documented? ➢ 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	
If applicable, conducts increased inspection frequency for sites with discharges to sediment or nutrient-impaired waters or Tier 2~~, 2.5~~ or 3 waters: ➢ Once every 7 days Y/N; <u>and</u> ➢ 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? ➢ Stabilized area - 1/mo in areas where stabilization has been completed Y/N/NA ➢ For arid/semi arid during seasonally dry period or drought-stricken areas - 1/mo and wi/24 hrs of the occurrence of a storm event ≥ 0.25" Y/N/NA ➢ For frozen conditions (runoff unlikely, disturbance suspended, areas stabilized) - suspends until thawing conditions Y/N/NA *Part 4.1.4.1 thru 3*	☐ Y	☐ N	N/A

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

Inspection areas includes: ➢ All cleared, graded, excavated, and not completed stabilization Y/N ➢ All controls/measures Y/N ➢ Material/waste/borrow/equipment storage and maintenance areas Y/N ➢ All areas stormwater typically flows Y/N ➢ All points of discharge Y/N ➢ All locations stabilization implemented Y/N/NA *Part 4.1.5*	☒ Y	☐ N	
Inspection includes minimum requirements? ➢ Controls installed/operational Y/N ➢ Determines need to replace, repair, or maintain Y/N ➢ Conditions that could lead to spills, leaks, and accumulations of pollutants Y/N ➢ Identifies where new or modified controls are necessary Y/N ➢ At points of discharge, checks for visible erosion/sedimentation on banks Y/N/NA ➢ Identifies noncompliance Y/N ➢ If discharge is occurring: 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 ➢ Based on results of inspection, initiates corrective action under Part 5. *Part 4.1.6*	☐ Y	☒ N	Inspection template includes checkboxes for these minimum requirements. However, there is no detail or photos included in completed inspections to describe what is really occurring on site.
Inspection reports: ➢ Completed within 24 hrs Y/N ➢ Includes inspection date Y/N ➢ Includes names/titles of personnel Y/N ➢ Includes summary of findings Y/N ➢ Includes applicable rain gauge reading Y/N/NA ➢ Signed and certified in accordance with Appendix I.11 Y/N *Part 4.1.7.1 and 2*	☐ Y	☒ N	Inspector is notified by Operator of need for rain inspections. Interpretation of the 8/1/16 inspection states inspection was not conducted within 24 hours of rainfall but does not include date of rain or reason. Rain gage log was blank, rainfall can be very spotty in this area- attached is rain data is from a station .5 miles away. 8/1/16 was first rain inspection. No summary of findings, first three inspection reports are identical other than date and time. Inspection reports not signed by Operator.

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

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	Unsigned city of Santa Fe Certification page noted beginning 7/12/16, City of Santa Fe signed certification page 7/20/16
Within 24 hours of discovering the occurrence, completes a report of the following: ➢ Condition identified Y/N ➢ Nature of the condition identified Y/N ➢ Date and time of the condition identified and how it was identified Y/N *Part 5.4*	☒ Y	☐ N	Corrective action log is included as part of the inspection report.
Within 7 calendar days of discovering the occurrence, completes a report of the following: ➢ Follow-up actions taken to review the design, installation, and maintenance of stormwater controls, including the dates such actions occurred Y/N ➢ Summary of stormwater control modifications taken or to be taken Y/N ➢ Schedule of activities necessary to implement changes Y/N ➢ Date the modifications are completed or expected to be completed Y/N ➢ Notice of whether SWPPP modifications are required as a result of the condition identified or corrective action Y/N ➢ Signed and certified in accordance with Appendix I.11 Y/N *Parts 5.4.2, 5.4.3*	☐ Y	☒ N	Corrective action for City of Santa Fe SWPPP certification was still noted as uncorrected on 7/26/16 inspection. Logs were not signed and certified.

Additional Notes on SWPPP Review *(optional)*

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

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)* Several areas of the site have been left undisturbed.
Buffer compliance:	*(e.g., provide and maintain a 50-foot undisturbed natural buffer)* none
Perimeter controls:	*(e.g., filter berms, silt fences, temporary diversion dikes)* Controls installed per the site map were located outside the perimeter of the site in an area that doesn't receive runoff from disturbed areas, other than Straw bales located in the channel. Details state that Straw bales should not be located where they will intercept concentrated flow. Silt fence has piping undercut occurring.
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)* Rock track out and sweeping. Facility exits to a busy road, minor tracking is occurring after recent storm, may need to increase sweeping frequency. Some access is occurring on the back site of the site through the parking lots though this is not the designated access point.
Stockpiled sediment or soil:	*(e.g., berms, dikes, fiber rolls, silt fences, sandbag, gravel bags)* No controls currently installed.
Minimize dust:	*(e.g., application of water or other dust suppression techniques)* Site was wet from rain on the day of the inspection.
Steep slopes:	*(e.g., standard erosion and sediment control practices, phasing disturbances, stabilization practices)* No stabilization has occurred or is planned for access road slopes though the disturbance is completed.
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)* There is a culvert under the new access road with no controls installed or designed, sediment has flowed through the culvert.
Conveyance channels:	*(e.g., erosion controls, and velocity dissipation check dams, sediment traps, riprap, or grouted riprap at outlets)* Small roadside ditch discharges to slope and erosion rills were noted. No controls specified or installed.
Sediment basin:	*(e.g., outlet structures that withdraw from the surface, stabilization, erosion controls, velocity dissipation, kept at least ½ design capacity)* N/A

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

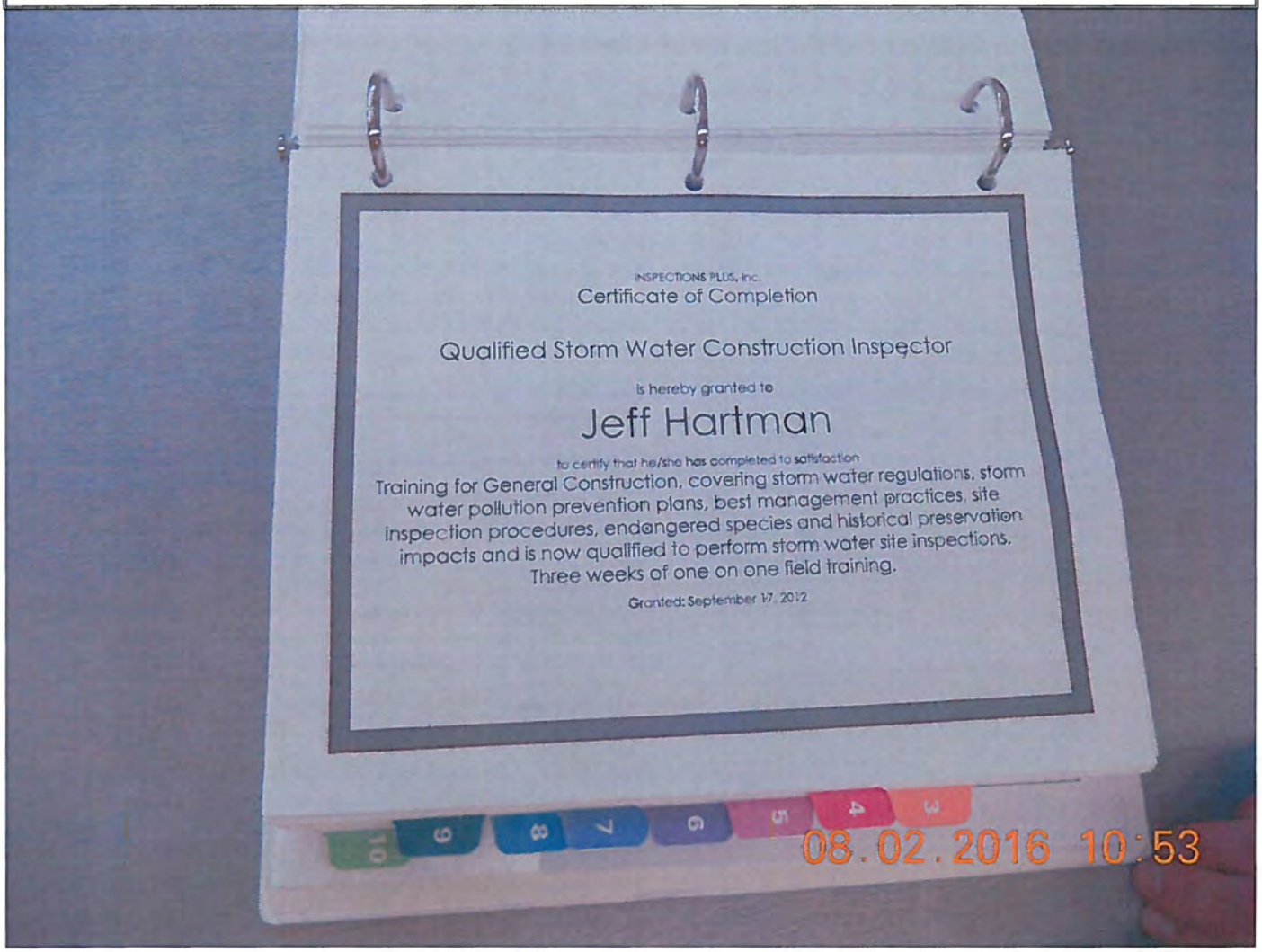
Erosion and Sediment Control Practices - Continued	
Treatment chemicals:	*(e.g., spill berms, decks, spill containment pallets, storing chemicals in covered area, spill kit available on site)*
Dewatering:	*(e.g., sediment basins or sediment traps, sediment socks, dewatering tanks, tube settlers, weir 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)*
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)* New access road stabilized with gravel. No stabilization installed on slopes, tracking was done in the right direction
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?)* No. Road slope grading was completed in the last 14 days and will remain undisturbed unless road is removed at the end of Project. Temporary or permanent stabilization of slopes has not been initiated. Date of grading completion in this area is not noted in inspection.
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)* A fuel transfer tank was temporaily located onsite and was not in secondary containment.
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)* N/A

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

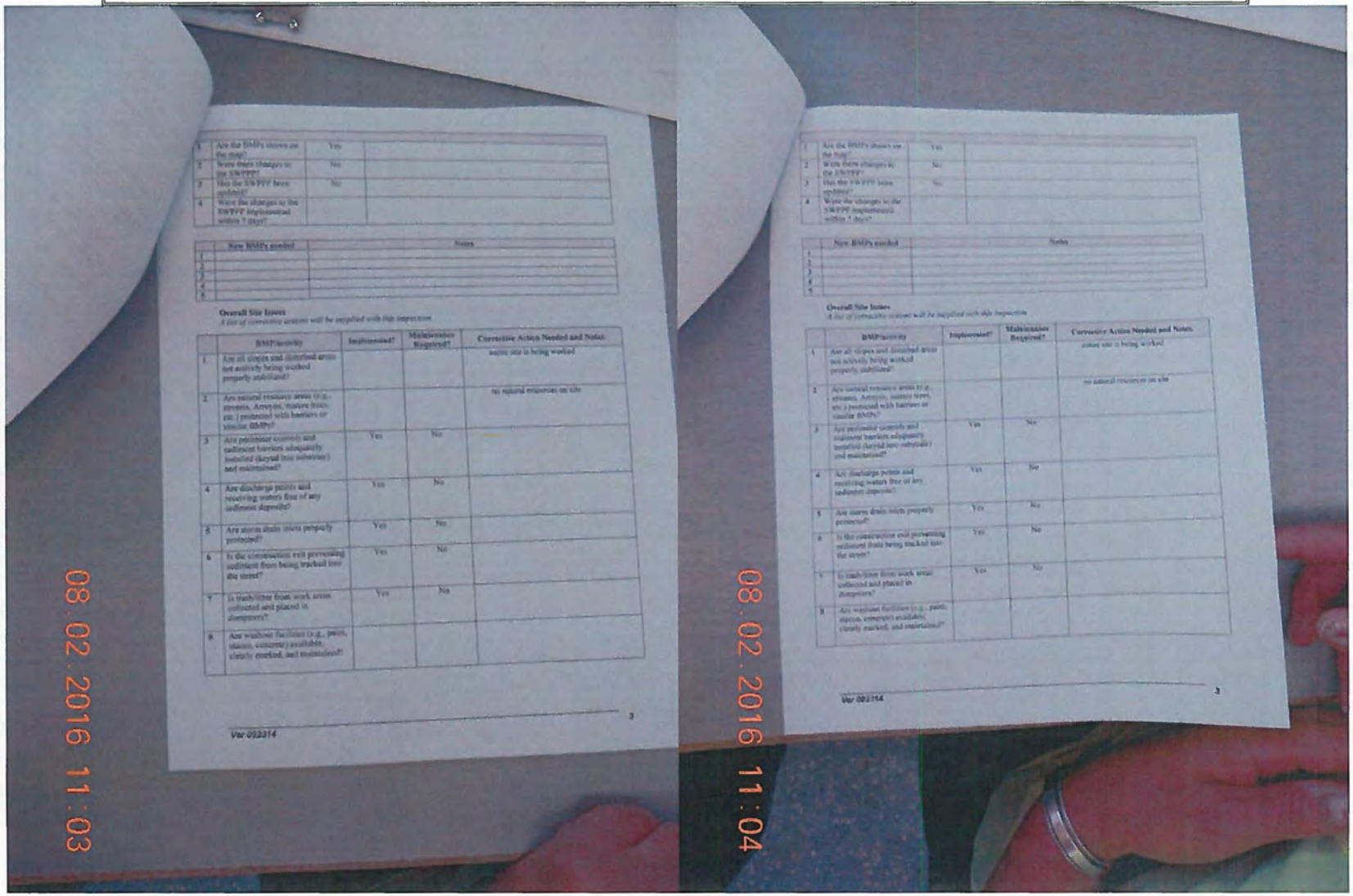
Pollution Prevention Measures – Continued	
Storage, handling, disposal of construction materials, products and waste:	*Building products (e.g., asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures):* N/A
	Pesticides, herbicides, insecticides, fertilizers, and landscape materials: N/A
	Diesel fuel, oil, hydraulic fluids, other petroleum products, and other chemicals: Portable fuel tank was not located in secondary containment.
	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): Demolition waste was being placed in piles.
	Sanitary waste: *Porta potty 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 observed
Evidence of sediment deposition to surface waters or MS4?	*(e.g. significant turbidity observed in a receiving water body)* Sediment collected behind hay bales in arroyo channel.

NMED/SWQB Official Photograph Log Photo # 1		
Photographer: J. Foote	Date: 8/2/16	Time: 10:55
City/County: Santa Fe		State: New Mexico
Location: Hospital Tank Removal		
Subject: site map: legend states pink line is project perimeter and yellow/green line is mulch socks and hay bale		

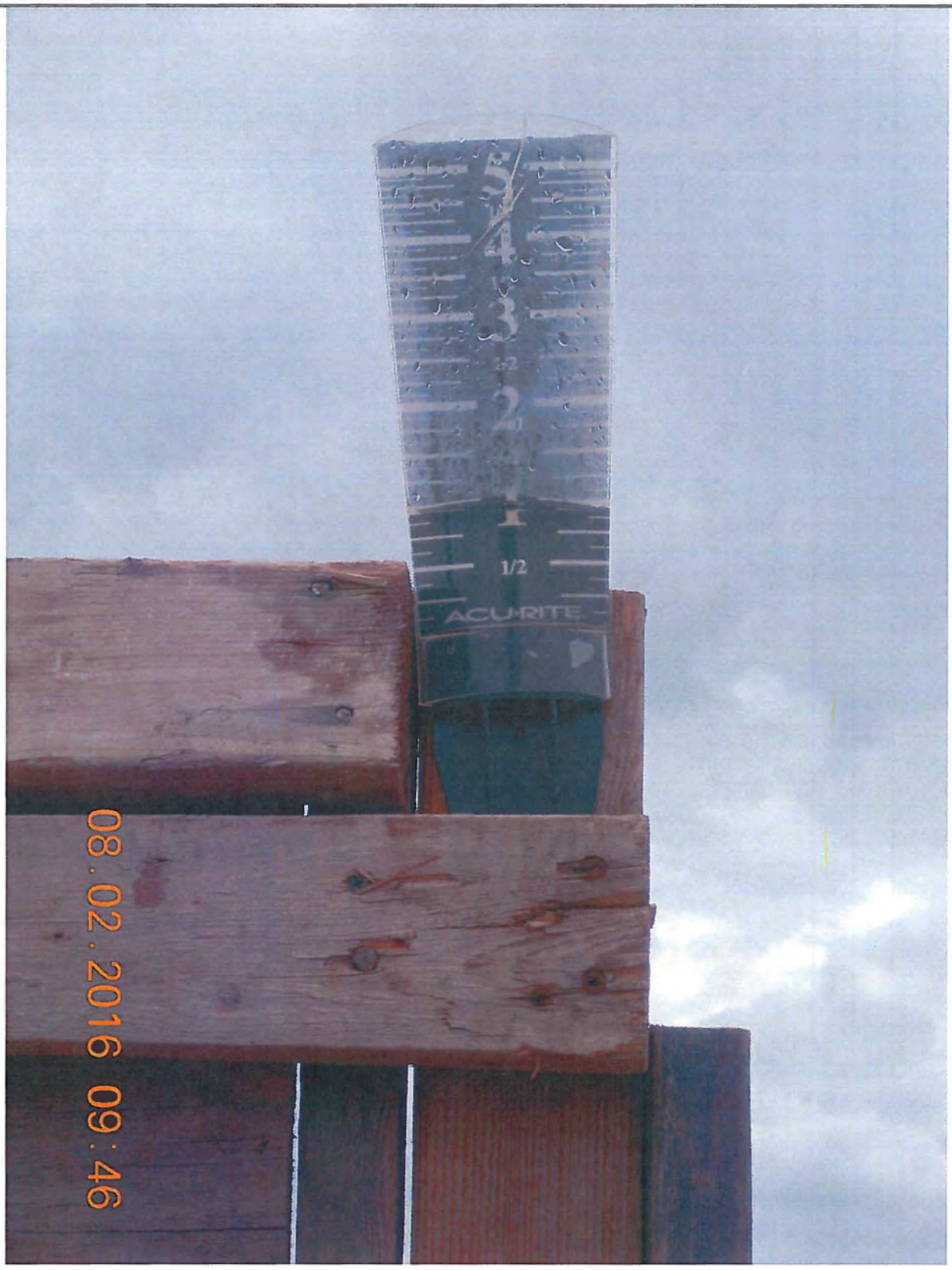
NMED/SWQB Official Photograph Log Photo # 2		
Photographer: J. Foote	Date: 8/2/16	Time: 10:53
City/County: Santa Fe		State: New Mexico
Location: Hospital Tank Removal		
Subject: inspector qualifications		



NMED/SWQB Official Photograph Log Photo # 3 & 4		
Photographer: J. Foote	Date: 8/2/16	Time: 11:03 and 11:04
City/County: Santa Fe		State: New Mexico
Location: Hospital Tank Removal		
Subject: example of identical inspection report pages		



NMED/SWQB Official Photograph Log Photo # 5		
Photographer: J. Foote	Date: 8/2/16	Time: 9:46
City/County: Santa Fe		State: New Mexico
Location: Hospital Tank Removal		
Subject: rain gage reads approximately 1"		



NMED/SWQB Official Photograph Log Photo # 6		
Photographer: J. Foote	Date: 8/2/16	Time: 10:26
City/County: Santa Fe		State: New Mexico
Location: Hospital Tank Removal		
Subject: sediment in channel, straw bales placed in channel as a primary sediment control device where they will intercept concentrated flow, debris on top of straw bales indicating storm water discharged from the site, piping erosion at silt fence, silt fence installed to concentrate/redirect flow downhill		

NMED/SWQB Official Photograph Log Photo # 7		
Photographer: J. Foote	Date: 8/2/16	Time: 10:07
City/County: Santa Fe		State: New Mexico
Location: Hospital Tank Removal		
Subject: stabilized entrance and tracking		

NMED/SWQB Official Photograph Log Photo # 8		
Photographer: J. Foote	Date: 8/2/16	Time: 10:08
City/County: Santa Fe		State: New Mexico
Location: Hospital Tank Removal		
Subject: soil storage with no BMPs between it and channel upstream of culvert. Rills on slopes and in roadside channel.		

NMED/SWQB Official Photograph Log Photo # 9		
Photographer: J. Foote	Date: 8/2/16	Time: 10:05
City/County: Santa Fe		State: New Mexico
Location: Hospital Tank Removal		
Subject: erosional rills and no sediment controls at channel		

NMED/SWQB Official Photograph Log Photo # 10		
Photographer: J. Foote	Date: 8/2/16	Time: 10:08
City/County: Santa Fe		State: New Mexico
Location: Hospital Tank Removal		
Subject: upstream side of culvert with no sediment controls and erosional rills		

Attachment 1
Post storm event inspection dated 8/1/16

Date: 8-1-16

After Rain Event Construction Compliance Inspection For

Contractor: AUI Inc/City Of Santa FE

Site: Hospital Tank Replacement

Conducted By: Jeff Hartman

Time of visit: 200pm

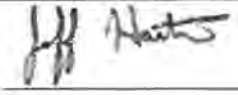
Part 1: Walk through the facility and look for signs of erosion control measures that may have failed or been damaged from the recent rainfall event.

a. Site Inspection	Y	N	Notes
1. Are there any erosion control structures damaged from the rain event?	☐	☒	
2. Are there signs of new ruts or gullies from the rain event?	☒	☐	ruts on both sides of road at culvert
3. Are there signs of significant amounts of mud in the street or outfalls from the rainfall event?	☐	☒	
4. Are there any conditions that need immediate attention?	☐	☒	

Part 2: Inspection report summary.

b. Inspection Report Summary	Information/Comments
1. Name of Inspector	Jeff Hartman
2. Qualifications of Inspector	Training and work experience – see inspector qualification page in the SWPPP
3. Measures/Areas Inspected	entire site
4. Observed Conditions.	good
5. Changes Necessary to the SWPPP.	none
6. Were there any discharges?	No
What did the water look like at the time of the discharge? 7. Clear ☐ Partly sandy ☐ Very sandy	N/A
8. Was Inspection Conducted Within 24 Hours of Last Rainfall Over 1/4"? How much did it rain?	No .75 on site rain gauge

"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."

Signature:  Printed Name: Jeff Hartman

Date: 8-1-16 Title: Inspector

SWPPP Management Signature _____ Date: _____