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NEW MEXICO ENVIRONMENT DEPARTMENT

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

Certified Mail - Return Receipt Requested

August 24, 2016

Mr. Jason Adams, Chief Operations Manager
Christus St. Vincent Regional Medical Center
455 St. Michaels
Santa Fe, NM 87505
Albuquerque, NM 87110

Re: Christus St. Vincent Nursing Unit; Major; Construction Stormwater; SIC 1522; NPDES Compliance Evaluation Inspection; NPDES Permit NMU001918; June 28, 2016

Dear Mr. Adams:

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. Adams
August 24, 2016

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

Sincerely,

/s/Sarah Holcomb

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

Cc: Carol Peters-Wagnon (6EN-AS) by email
Everett Spencer, USEPA (6EN-AS) by email
Darlene Whitten-Hill, USEPA (6EN-AS) by email
Racquel Douglas, USEPA (6EN-WM) by email
Robert Italiano, NMED District II Manager, by email

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

National Database Information		General	
Inspection Type	CEI	Inspector Name	Daniel Valenta
NPDES ID Number	NMR12BF85/NMU001918	Telephone	505-827-2575
Inspection Date	7/28/2016	Entry Time	0930
Inspector Type (check one)	<input type="checkbox"/> EPA <input checked="" type="checkbox"/> State <input checked="" type="checkbox"/> EPA Oversight	Exit Time	1150
Facility Type (check one)	<input checked="" type="checkbox"/> Commercial / <input type="checkbox"/> Residential / <input type="checkbox"/> Municipal / <input type="checkbox"/> Industrial	Signature	/s/Daniel Valenta

Facility Location Information				
Name/Location/Mailing Address	Christus St. Vincent Nursing Unit/455 St. Michaels Dr., Santa Fe, New Mexico, Santa Fe County			
Coordinates	Latitude	35.6581	Longitude	-105.9482
Receiving Waters	Unnamed arroyo to Arroyo de los Chamisos to Arroyo Hondo to the Santa Fe River			
Disturbed Area	16 acres	Start/Stop Dates	4/1/2016 to 6/1/2017	

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator	Mr. Lee O'Connell, Project Director McCarthy NM, Mr. Jason Adams, Operations Manager, Christus St. Vincent	505-232-2225 505-913-5171
Facility Contact	Mr. Devin McDonald, Project Superintendent	Office 505-232-2225 Mobile 505-554-7938 Fax 505-214-5699
Authorized Official(s)	Mr. Lee O'Connell, Project Director McCarthy NM, Mr. Jason Adams, Operations Manager, Christus St. Vincent	505-232-2225 505-913-5171

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

Basic Permit Information			Basic SWPPP Information		
Permit Coverage	<input checked="" type="checkbox"/> Y McCarthy	<input checked="" type="checkbox"/> N Christus St. Vincent	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	3/2/2016		SWPPP Date	2/24/2016	
Is NOI Satisfactory?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N			

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

SWPPP Review (<i>can be completed in office</i>)			
General	Notes:		
SWPPP Signed/Certified. Did all operators sign/certify the SWPPP? <i>Part 7.2.15, Appendix I.11</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
SWPPP completed prior to NOI? <i>Part 7.1.1, Part 1.2.1</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Endangered Species Act. Does SWPPP include documentation supporting determination? <i>Part 7.2.14.1; Part 1.1.e, Appendix D</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	No documentation for selection criterion A.
Historic Properties. Does SWPPP include documentation supporting determination? <i>Part 7.2.14.2, Appendix E</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
If applicable, documents contact with agency or office responsible for implementing Safe Drinking Water Act <u>underground injection control well(s)</u>? <i>Part 7.2.14.3, 40 CFR Parts 144 -147</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
Post-Authorization Additions. Does SWPPP include: ➤ Copy of acknowledgement letter <input checked="" type="checkbox"/> /N ➤ Copy of NOI <input checked="" type="checkbox"/> /N ➤ Copy of permit <input checked="" type="checkbox"/> /N <i>Part 7.2.16.3</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
If applicable, SWPPP describes compliance with any case-by-case basis USEPA imposed water quality-based effluent limitation requirements? <i>Part 3</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
If discharge to an impaired water, includes records of all data used to complete NOI: ➤ List of all impaired waters Y/ <input checked="" type="checkbox"/> ➤ Pollutant(s) for which the surface water is impaired Y/ <input checked="" type="checkbox"/> ➤ Whether a TMDL has been approved or established Y/ <input checked="" type="checkbox"/> <i>Part 3.2.1, Appendix I.15</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
Required SWPPP modifications completed? ➤ Completed w/7 days Y/N ➤ Maintains modification records showing dates, name of person authorizing change and summary Y/N ➤ Signed/Certified Y/N ➤ Immediately notified other operators Y/N <i>Parts 7.4, 5.2.2, Appendix I.11.b</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	No SWPPP modifications .
Records Retention. Have copies of inspection reports/all other documentation been retained as part of the SWPPP for 3 years from date permit coverage expires or is terminated? <i>Parts 4.1.7, 5.4.4, Appendix I.10.2, I.15</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A-active site.

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

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

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

<i>Part 7.2.4</i>			
Describes sequence, estimated dates (departures) and duration of construction activities? <ul style="list-style-type: none"> ➤ Installation of control measures when operational <input checked="" type="checkbox"/>/N ➤ Commencement/duration clearing & grubbing, mass grading, site preparation (excavating, cutting & filling), final grading, and creation of soil & vegetation stockpiles <input checked="" type="checkbox"/>/N ➤ Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of site <input checked="" type="checkbox"/>/N ➤ Final/temporary stabilization areas of exposed soil <input checked="" type="checkbox"/>/N ➤ Removal of temporary stormwater conveyances/channels and other stormwater control measures Y/N/<input checked="" type="checkbox"/>N/A ➤ Removal of construction equipment and vehicles <input checked="" type="checkbox"/>/N 	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<i>Part 7.2.5</i>	Site Map		Notes:
Includes legible site map(s)? <i>Part 7.2.6</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Boundaries of the property Y/<input checked="" type="checkbox"/>N ➤ Locations construction activities will occur <input checked="" type="checkbox"/>/N ➤ Locations earth-disturbing activities will occur (note any phasing) <input checked="" type="checkbox"/>/N ➤ Approximate slopes before and after major grading (note steep slopes) <input checked="" type="checkbox"/>/N ➤ Locations sediment, soil, or materials will be stockpiled Y/<input checked="" type="checkbox"/>N ➤ Locations of crossings of surface waters <input checked="" type="checkbox"/>/N ➤ Designated points vehicles exit onto paved roads Y/<input checked="" type="checkbox"/>N ➤ Locations of structures/impervious surfaces upon completion <input checked="" type="checkbox"/>/N ➤ Locations of construction support activity areas <input checked="" type="checkbox"/>/N 	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Secondary entrance road north of the property is not included in the present maps.
<i>Part 7.2.6.1</i>			
<ul style="list-style-type: none"> ➤ Locations of surface waters/wetlands, within or in immediate vicinity <input checked="" type="checkbox"/>/N ➤ Indicates waters listed as impaired, and Tier 2, Tier 2.5, or Tier 3 <input checked="" type="checkbox"/>/N 	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<i>Part 7.2.6.2</i>			
<ul style="list-style-type: none"> ➤ Boundary lines of natural buffers 	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Areas of federally-listed critical habitat for endangered or threatened species 	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
<i>Part 7.2.6.4</i>			
<ul style="list-style-type: none"> ➤ Topography <input checked="" type="checkbox"/>/N ➤ Existing vegetative cover <input checked="" type="checkbox"/>/N ➤ Drainage pattern of stormwater/authorized non-stormwater flow onto, over, and from 	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	

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

site before and after major grading <input checked="" type="checkbox"/> Y/ <input type="checkbox"/> N <i>Part 7.2.6.5</i>			
<ul style="list-style-type: none"> ➤ Stormwater and allowable non-stormwater discharge locations <input checked="" type="checkbox"/>Y/<input type="checkbox"/>N ➤ Locations of storm drain inlets on site and immediate vicinity <input checked="" type="checkbox"/>Y/<input type="checkbox"/>N ➤ Locations stormwater or allowable non-stormwater will be discharged to surface waters (including wetlands) on or near site <input checked="" type="checkbox"/>Y/<input type="checkbox"/>N <i>Part 7.2.6.6</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Locations of potential pollutant-generating activities <i>Part 7.2.6.7, Part 7.2.7</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Locations of control measures <i>Part 7.2.6.8</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Locations polymers, flocculants, or treatment chemicals will be used/stored <i>Part 7.2.6.9</i>	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
Construction Site Pollutants		Notes:	
Includes pollutant-generating activities list and description? <i>Part 7.2.7.1</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Includes inventory of pollutants or constituents? <ul style="list-style-type: none"> ➤ Inventory <input checked="" type="checkbox"/>Y/<input type="checkbox"/>N ➤ Potential spills/leaks <input checked="" type="checkbox"/>Y/<input type="checkbox"/>N ➤ Departures from manufacturer's specifications for applying fertilizers containing nitrogen & phosphorus Y/N/<input checked="" type="checkbox"/>NA <i>Parts 7.2.7.2, 2.3.5.1</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Identifies all sources of allowable non-stormwater discharges? <i>Parts 7.2.8, 1.3.d</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
If required (surface water w/50 feet of earth disturbance), documents and describes <u>buffer compliance alternative</u> selected? <ul style="list-style-type: none"> ➤ Ensures that all discharges from the area of earth disturbance to the natural buffer are first treated by the site's erosion and sediment controls <input checked="" type="checkbox"/>Y/<input type="checkbox"/>N/NA ➤ Uses velocity dissipation devices, if necessary Y/<input checked="" type="checkbox"/>N/NA ➤ Documents natural buffer width Y/<input checked="" type="checkbox"/>N/NA ➤ Delineates, and clearly marks off, with flags, tape, or other similar marking device all natural buffer areas Y/<input checked="" type="checkbox"/>N/NA ➤ Documents erosion and sediment control(s) used to achieve an equivalent sediment reduction Y/<input checked="" type="checkbox"/>N/NA ➤ Documents any information relied upon to demonstrate equivalency Y/<input checked="" type="checkbox"/>N/NA <i>Parts 7.2.9, 2.1.2, Appendix G</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<p style="color: red; margin: 0;">Arroyo next to site was not recognized in the NOI or in the SWPPP as a surface water of the US at the time of the inspection.</p> <p style="color: red; margin: 0;">Secondary entrance road north of the property is not included in the maps or SWPPP, no BMP's in place or buffer zone along this short road.</p>

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

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

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

<p>maximum extent practicable, will not be greater than the sediment yield levels and flow velocities from pre-construction, pre-development conditions) <input checked="" type="checkbox"/>/N</p> <p><i>Parts 2.1.1.2, 9.4.1.1</i></p>			
<p>Describes erosion and sediment control <u>installation</u> requirements?</p> <ul style="list-style-type: none"> ➤ Completes installation of downgradient stormwater/sediment controls by the time or immediately following earth-disturbance begins unless infeasible <input checked="" type="checkbox"/>/N/NA ➤ Installs all other controls and makes operational as soon as conditions allow <input checked="" type="checkbox"/>/N ➤ Uses good engineering practices and follows manufacturer’s specifications or explain departures <input checked="" type="checkbox"/>/N <p><i>Part 2.1.1.3</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Describes erosion and sediment control <u>maintenance</u> requirements?</p> <ul style="list-style-type: none"> ➤ Initiates fix immediately and completed by close of next work day (routine maintenance) <input checked="" type="checkbox"/>/N ➤ Installs new measure/significant repair no later than 7 calendar days or document why infeasible <input checked="" type="checkbox"/>/N <p><i>Part 2.1.1.4</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Installs <u>perimeter controls</u> and describes maintenance (removes sediment before it has accumulated to 1/2 of the above-ground height)?</p> <p><i>Part 2.1.2.2</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Minimizes <u>sediment track-out</u>?</p> <ul style="list-style-type: none"> ➤ Restricts vehicle use to properly designated exit points? Y/<input checked="" type="checkbox"/> ➤ Uses appropriate stabilization techniques at all points that exit onto paved roads? Y/<input checked="" type="checkbox"/> ➤ 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 <p><i>Part 2.1.2.3</i></p>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<p>Secondary entrance road north of the property is not included in the maps or SWPPP, no BMP’s in place or buffer zone along this short road, (see attached photos).</p>
<p>Controls discharges from <u>stockpiled sediment or soil</u>?</p> <ul style="list-style-type: none"> ➤ Locates piles outside of buffers Y/<input checked="" type="checkbox"/> ➤ Locates piles separate from stormwater controls Y/<input checked="" type="checkbox"/> ➤ Uses temporary sediment barrier <input checked="" type="checkbox"/>/N ➤ Where practicable, provides cover or temporary stabilization Y/<input checked="" type="checkbox"/> ➤ Does not hose down or sweep into stormwater conveyance unless connected to basin, trap, etc. Y/<input checked="" type="checkbox"/> ➤ Contains and securely protects pile from wind? Y/<input checked="" type="checkbox"/> <p><i>Part 2.1.2.4</i></p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	

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

Minimizes <u>dust</u>? <i>Part 2.1.2.5</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Minimizes disturbance of <u>steep slopes</u>? <i>Part 2.1.2.6</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Preserves <u>topsoil</u>, unless infeasible? <i>Part 2.1.2.7</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	

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

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

Describes <u>dewatering</u> controls (if installed)? <i>Part 2.1.3.4</i>	<input type="checkbox"/> Y	<input type="checkbox"/> 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> ➤ Initiates stabilization immediately (no later than end of next work day following earth-disturbing activities permanently/temporarily ceased) <input checked="" type="checkbox"/> Y/N <u>Deadline to Complete</u> ➤ 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) <input checked="" type="checkbox"/> 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/ <input checked="" type="checkbox"/> N/A ➤ Documents/describes circumstances beyond control that prevent meeting deadlines <input checked="" type="checkbox"/> Y/N/N/A ➤ If discharging to sediment or nutrient-impaired waters or Tier 2 ^{2.5} or 3 waters, completes stabilization (vegetative or non-vegetative) w/7 calendar days after temporary or permanent cessation Y/N/ <input checked="" type="checkbox"/> N/A <i>Parts 7.2.10.3, 2.2.1, 3, 9.4.1.3</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
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 <input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/> Y/N <i>Parts 7.2.10.3, 2.2.2.a, 3, 9.4.1.4</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	

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

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

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

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

Rain gauge missing from site.

Documentation missing from the SWPPP.

Inspection on 5-18
6-1
6-15 (One inspection missing.)
7-13
7-27

N/A

N/A

Secondary entrance road north of the property is not included in the maps or SWPPP, no BMP's in place or buffer zone along this short road.

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

<p><i>Part 4.1.5</i></p> <p>Inspection includes minimum requirements?</p> <ul style="list-style-type: none"> ➤ Controls installed/operational Y/<input checked="" type="checkbox"/>N ➤ Determines need to replace, repair, or maintain <input checked="" type="checkbox"/>Y/N ➤ Conditions that could lead to spills, leaks, and accumulations of pollutants <input checked="" type="checkbox"/>Y/N ➤ Identifies where new or modified controls are necessary <input checked="" type="checkbox"/>Y/N ➤ At points of discharge, checks for visible erosion/sedimentation on banks <input checked="" type="checkbox"/>Y/N/NA ➤ Identifies noncompliance <input checked="" type="checkbox"/>Y/N ➤ If discharge is occurring: <ul style="list-style-type: none"> ○ Identifies all points of discharge <input checked="" type="checkbox"/>Y/N ○ 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 ○ Documents whether controls operating effectively, and describes controls not operating as intended or need maintenance <input checked="" type="checkbox"/>Y/N ➤ Based on results of inspection, initiates corrective action under Part 5. <p><i>Part 4.1.6</i></p> <p>Inspection reports:</p> <ul style="list-style-type: none"> ➤ Completed within 24 hrs <input checked="" type="checkbox"/>Y/N ➤ Includes inspection date <input checked="" type="checkbox"/>Y/N ➤ Includes names/titles of personnel <input checked="" type="checkbox"/>Y/N ➤ Includes summary of findings <input checked="" type="checkbox"/>Y/N ➤ Includes applicable rain gauge reading Y/<input checked="" type="checkbox"/>N/NA ➤ Signed and certified in accordance with Appendix I.11 Y/<input checked="" type="checkbox"/>N <p><i>Part 4.1.7.1 and 2</i></p>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<p style="color: red;">Secondary entrance road north of the property is not included in the maps or SWPPP, no BMP's in place or buffer zone along this short road.</p>
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Industrial Storm Water Worksheet (Construction) – State of New Mexico

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

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

Additional Notes on SWPPP Review (*optional*)

1. On the storm water compliance inspection forms the questions:

Are all certification pages signed?
Are the inspector qualifications in the SWPPP?
Is there a delegation letter in the SWPPP?
Was the last inspection/CAL certified?

These were all answered yes in the inspection reports however none of the above was present or completed.

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

Implementation (complete in field) <i>(Narrative Description if Control Measures Installed, Operational, Effective and Maintained)</i>	
Erosion and Sediment Control Practices Part 2.1	
Minimize area of disturbance:	<i>(Provide brief description)</i> Yes
Buffer compliance:	<i>(e.g., provide and maintain a 50-foot undisturbed natural buffer)</i> SWPPP did not address the drainage next to the construction site.
Perimeter controls:	<i>(e.g., filter berms, silt fences, temporary diversion dikes)</i> No BMP's along the north entrance road.
Exit point or sediment track out:	<i>(e.g., aggregate stone with an underlying geotextile or non-woven filter fabric, or turf mats, wheel washing, rumble strips, plates, sweeping)</i> No BMP's along the north entrance road.
Stockpiled sediment or soil:	<i>(e.g., berms, dikes, fiber rolls, silt fences, sandbag, gravel bags)</i> No stockpiles sediment.
Minimize dust:	<i>(e.g., application of water or other dust suppression techniques)</i> Dust suppression on site.
Steep slopes:	<i>(e.g., standard erosion and sediment control practices, phasing disturbances, stabilization practices)</i> Retaining wall constructed to redirect rainwater.
Preserve topsoil:	<i>(e.g., stockpiling or transfer of topsoil to other locations)</i> N/A
Soil compaction:	<i>(e.g., restrict vehicle / equipment use, soil conditioning techniques)</i> New building constructed on site.
Storm drain inlet protection:	<i>(e.g., fabric filters, sandbags, concrete blocks, gravel barriers)</i> No storm drains present.
Conveyance channels:	<i>(e.g., erosion controls, and velocity dissipation check dams, sediment traps, riprap, or grouted riprap at outlets)</i> N/A
Sediment basin:	<i>(e.g., outlet structures that withdraw from the surface, stabilization, erosion controls, velocity dissipation, kept at least 1/2 design capacity)</i> N/A

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

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

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

Pollution Prevention Measures – Continued	
Storage, handling, disposal of construction materials, products and waste:	<p><i>Building products (e.g., asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures):</i></p> <p style="color: red;">A waste bin on site.</p>
	<p><i>Pesticides, herbicides, insecticides, fertilizers, and landscape materials:</i></p> <p style="color: red;">A waste bin on site.</p>
	<p><i>Diesel fuel, oil, hydraulic fluids, other petroleum products, and other chemicals:</i></p> <p style="color: red;">A waste bin on site.</p>
	<p><i>Hazardous or toxic waste (e.g. paints, solvents, petroleum-based products, wood preservatives, additives, curing compounds, acids):</i></p> <p style="color: red;">A waste bin on site.</p>
	<p><i>Construction and domestic waste (e.g., packaging materials, scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, styrofoam, concrete, and other trash or building materials):</i></p> <p style="color: red;">A waste bin on site.</p>
	<p><i>Sanitary waste:</i></p> <p style="color: red;">A port-a-potty on site.</p>
Fertilizer application:	<p><i>(e.g., avoids applying before heavy rains, never applies to frozen ground, never applies to conveyance channels with flowing water)</i></p> <p style="color: red;">N/A</p>
Miscellaneous	
Evidence of not allowable non-storm water discharges or prohibited discharge?	<p><i>(Provide brief description and determine whether any non-storm water discharges allowable)</i></p> <p style="color: red;">No</p>
Evidence of sediment deposition to surface waters or MS4?	<p><i>(e.g. significant turbidity observed in a receiving water body)</i></p> <p style="color: red;">No</p>

**NMED/SWQB
Official Photograph Log**

Photo # 1

Photographer: Daniel Valenta	Date: July 28, 2016	Time: 1042 hours
City/County: Santa Fe/ Santa Fe County		
Location: Christus St. Vincent Nursing Unit, 455 St. Michaels Dr., Santa Fe, NM 87505		
Subject: Construction site is a tight active area, facing north.		



**NMED/SWQB
Official Photograph Log**

Photo # 2

Photographer: Daniel Valenta	Date: July 28, 2016	Time: 1047 hours
City/County: Santa Fe/ Santa Fe County		
Location: Christus St. Vincent Nursing Unit, 455 St. Michaels Dr., Santa Fe, NM 87505		
Subject: Terrace is in place to prevent stormwater from moving material from active upper area into arroyo next to the fence, facing northeast.		



**NMED/SWQB
Official Photograph Log**

Photo # 3

Photographer: Daniel Valenta	Date: July 28, 2016	Time: 1057 hours
City/County: Santa Fe/ Santa Fe County		
Location: Christus St. Vincent Nursing Unit, 455 St. Michaels Dr., Santa Fe, NM 87505		
Subject: North entrance to the construction site. Disturbance not addressed in the SWPPP, no BMP'S or buffer zone next to the arroyo which runs next to the road, facing south.		



**NMED/SWQB
Official Photograph Log**

Photo # 4

Photographer: Daniel Valenta	Date: July 28, 2016	Time: 1055 hours
City/County: Santa Fe/ Santa Fe County		
Location: Christus St. Vincent Nursing Unit, 455 St. Michaels Dr., Santa Fe, NM 87505		
Subject: North entrance to the construction site. Disturbance not addressed in the SWPPP, no BMP'S or buffer zone next to the arroyo which runs next to the road, facing south.		



Attachment

Response to Inspection

Daniel,

Attached is the documentation in response to the inspection that you conducted at Christus St Vincent in Santa Fe. There will be another email with some pictures that were taken today. I have also attached an electronic copy of the SWPPP with the revisions. Please let me know if you need anything else.

I will send another email with some pictures. Thank you and have a good weekend.

Tim Slatunas, CESSWI, CISEC

Superior StormWater Services, LLC.

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August 1, 2016

Tim,

The following is the response to the comments received for the McCarthy Christus St. Vincent SWPPP site.

1. The SWPPP has been revised with the addition of the arroyo buffer. The revision includes the requirement on an add an additional BMP (filter sock) at the location shown on the plan and noting the requirement of the 7 day disturbed area stabilization. The 7 day stabilization was already called out in SWPPP due to other stabilization requirements, but it is a requirement for the buffer as well.

2. Although I did not see a specific requirement in CGP for a "narrative" per se on the BMP selections, the SWPPP serves in its entirety to this purpose. The BMP have been chosen per the requirements of the part 7.2.10 Description of Stormwater Control Measures in the current CGP as referenced below as in the following order:

Requirement in CGP by part number - Section number location in the SWPPP

7.2.10.1.a - Section 2.3, Appendix H - BMP Details. The requirements of Part 2, referenced in this part 7.2.10.1 are addressed below.

7.2.10.1.b - 1.4, Tables 2.3 & 2.4, Site Map

7.2.10.1.c - Section 2, Site Map, Appendix H

7.2.10.1.d - N/A

7.2.10.2 - N/A

7.2.10.3.a - 2.4, Site Map

7.2.10.3.b - 2.4, Site Map, Appendices D, I

7.2.10.1.a (Part 2 requirements)

2.1.1.1 - 1.6, 2.4

2.1.1.2.a.i - R factor of the RUSLE equation

2.1.1.2.a.ii - 1.3, 1.5, Site Map

2.1.1.2.a.iii - 1.5

2.1.1.2.b - Section 2, Site Map

2.1.1.3.a - 1.4, Tables 2.4, 2.4, Appendices A, H, Site Map

2.1.1.3.b - Appendix H, Site Map

2.1.1.4.a - 3.2, Appendices B, C, D, H

Superior StormWater Services, LLC
8505 Paseo Alameda NE Albuquerque NM 87113
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www.superiorstormwater.com

2.1.1.4.b - 3.1, Appendices B, C, D, H
2.1.2.1 - 1.9, Appendix K
2.1.2.2.a - Site Map
2.1.2.2.b - 3.2
2.1.2.3 - 2.5, Site Map
2.1.2.4 - 1.3, Site Map
2.1.2.5 - 2.5.7
2.1.2.6 - Site Map
2.1.2.7 - Site Map
2.1.2.8 - 2.5
2.1.2.9 - Site Map, Appendices C, D, H
2.1.3 - Sections 1, 2, 3 where applicable
2.2 - 2.4, 3.2, Appendices D, H
2.3 - Sections 2, 3, Appendices B, K

3. The SWPPP has been revised to Criterion C to match the NOI per NMED guidance.
4. The soil loss equation in section 1.6 is the RUSLE equation. The terms are as follows;

$$A = R * K * LS * C * P$$

Where

A = estimated average soil loss in tons per acre per year

R = rainfall-runoff erosivity factor

K = soil erodibility factor

L = slope length factor

S = slope steepness factor

C = cover-management factor

P = support practice factor

As always, feel free to contact me if you have question or additional comments.

David Tull, P.E., CPSWQ, CPESC

Table G - 4. Risk Levels for Sites with Average Slopes of > 6 Percent and ≤ 9 Percent

Soil Type \ Location	Clay	Silty Clay Loam or Clay-Loam	Sand	Sandy Clay Loam, Loamy Sand or Silty Clay	Loam, Silt, Sandy Loam or Silt Loam
Guam	Moderate	High	Moderate	High	High
Puerto Rico	Moderate	High	Moderate	Moderate	High
Virgin Islands	Moderate	Moderate	Moderate	Moderate	High
American Samoa	High	High	High	High	High
Massachusetts and New Hampshire	Moderate	Moderate	Moderate	Moderate	High
Idaho	Low	Low	Low	Low	Low
New Mexico	Low	Low	Low	Low	Moderate
Washington D.C.	Moderate	Moderate	Moderate	Moderate	High

Table G - 5. Risk Levels for Sites with Average Slopes of > 9 Percent and ≤ 15 Percent

Soil Type \ Location	Clay	Silty Clay Loam or Clay-Loam	Sand	Sandy Clay Loam, Loamy Sand or Silty Clay	Loam, Silt, Sandy Loam or Silt Loam
Guam	High	High	High	High	High
Puerto Rico	High	High	High	High	High
Virgin Islands	Moderate	High	Moderate	High	High
American Samoa	High	High	High	High	High
Massachusetts and New Hampshire	Moderate	Moderate	Moderate	Moderate	High
Idaho	Low	Low	Low	Low	Low
New Mexico	Low	Moderate	Low	Moderate	Moderate
Washington D.C.	Moderate	High	Moderate	Moderate	High

Table G - 6. Risk Levels for Sites with Average Slopes of > 15 Percent

Soil Type \ Location	Clay	Silty Clay Loam or Clay-Loam	Sand	Sandy Clay Loam, Loamy Sand or Silty Clay	Loam, Silt, Sandy Loam or Silt Loam
Guam	High	High	High	High	High
Puerto Rico	High	High	High	High	High
Virgin Islands	High	High	High	High	High
American Samoa	High	High	High	High	High
Massachusetts and New Hampshire	High	High	Moderate	High	High
Idaho	Low	Low	Low	Low	Moderate
New Mexico	Moderate	Moderate	Moderate	Moderate	High
Washington D.C.	High	High	Moderate	High	High

Step 2 – Determine Which Additional Controls Apply

Once you determine your site's "risk level", you must next determine the additional controls you need to implement on your site, based on the width of buffer you plan to retain. Table G - 7 specifies the requirements that apply based on the "risk level" and buffer width retained. See footnote 3, above, for a description of the additional controls that are required.

For example, if you are the operator of a small residential lot that falls into the "moderate" risk level, and you decide to retain a 20-foot buffer, using Table G-7 you would determine that you need to implement double perimeter controls to achieve compliance with Part 2.1.2.1.

You must also document in your SWPPP your compliance with Alternative 2.

Table G - 7. Alternative 2 Requirements²

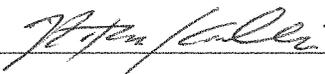
Risk Level Based on Estimated Soil Erosion	Retain ≥ 50' Buffer	Retain <50' and >30' Buffer	Retain ≤30' and >10' Buffer	Retain ≤ 10' Buffer
Low Risk	No Additional Requirements	No Additional Requirements	Double Perimeter Control	Double Perimeter Control
Moderate Risk	No Additional Requirements	Double Perimeter Control	Double Perimeter Control	Double Perimeter Control and 7-Day Site Stabilization
High Risk	No Additional Requirements	Double Perimeter Control	Double Perimeter Control and 7-Day Site Stabilization	Double Perimeter Control and 7-Day Site Stabilization

STORM WATER TEAM - OPERATOR

SWPPP Copy

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 contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained 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: Nathan Kowallis Title: Project Director

Signature:  Date: 8/5/16

Christus St Vincent Nursing Center – SWPPP

If the BMP details are not sufficient, or pose a threat to public health, properties, or safety by using the recommended BMPs, contact Superior StormWater Services LLC for alternatives.

This plan has been prepared according to the NMED / EPA 2012 Construction General Permit (CGP). It represents a planning tool to assist the operator to comply with environmental regulations during the projects construction. The decisions on how to operate the construction site rest solely with the permittee and not with Superior StormWater Services LLC. Superior StormWater Services LLC is not liable for the operational decisions of the site operator or the failure of the site operator to follow the requirements as outlined in the CGP.

This SWPPP has been prepared with information provided by the Owner and/or Operator. Superior StormWater Services LLC has not conducted a site assessment with regards to impacts involving threatened or endangered species, critical habitat, previous use of the site, environmental suitability, historic or archeological issues. It is the Owner's responsibility to complete these assessments and report those findings to Superior StormWater Services, LLC prior to implementation of this SWPPP.

Contractor agrees to hold Superior StormWater Services LLC harmless for any potential violations the permittee may receive for operational violations from regulatory agencies, Including but not limited to city governments, the State, or EPA.

By accepting the SWPPP, the permittee accepts this disclaimer and its conditions.

GRADING PLAN GENERAL NOTES

- I. SEE SHEET CG001 FOR COMPLETE LIST OF GENERAL NOTES AND SYMBOL/LINE/TYPED LEGEND THAT APPLY TO ALL SHEETS.
- II. PAVING PLAN KEYED NOTES ARE COMMON TO ALL SHEETS. NOT ALL KEYED NOTES WILL APPEAR ON EVERY PAGE.

WHR ARCHITECTS
Architecture with People in Mind

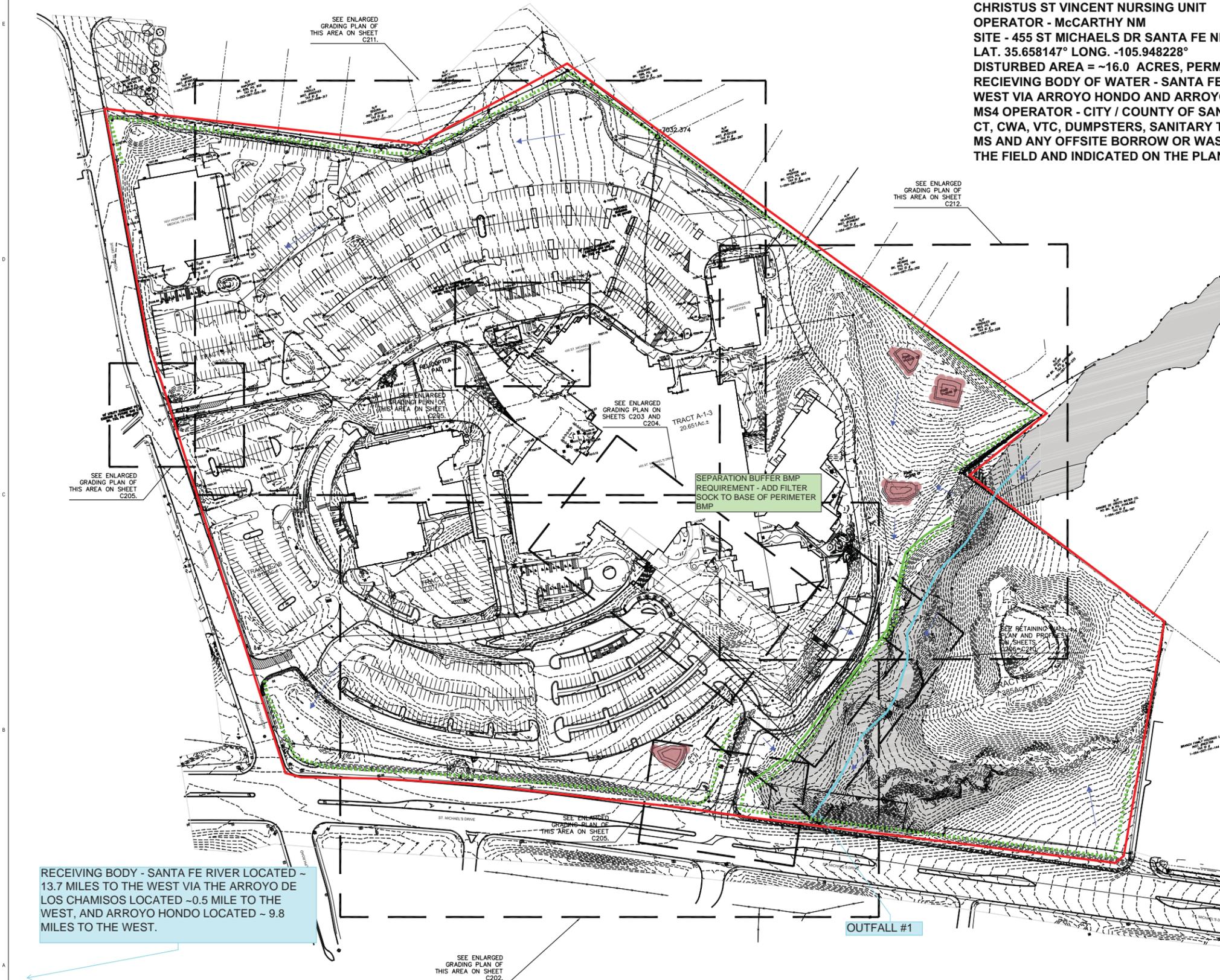
3131 McKinney Avenue, Suite 340
Dallas, Texas 75204
214.468.8505 phone - whrarchitects.com



120 Westwood Drive, Suite 100
Arlington, TX 76010
T 817.442.8880 • F 817.442.8881

Revisions		
No.	Date	Description

STORM WATER POLLUTION PREVENTION PLAN
CHRISTUS ST VINCENT NURSING UNIT
OPERATOR - MCCARTHY NM
SITE - 455 ST MICHAELS DR SANTA FE NM, SANTA FE COUNTY
LAT. 35.658147° LONG. -105.948228°
DISTURBED AREA = ~16.0 ACRES, PERMITTED AREA ~48.0 ACRES
RECEIVING BODY OF WATER - SANTA FE RIVER LOCATED 13.7 MILES TO THE WEST VIA ARROYO HONDO AND ARROYO DE LOS CHAMISOS
MS4 OPERATOR - CITY / COUNTY OF SANTA FE, NM
CT, CWA, VTC, DUMPSTERS, SANITARY TOILETS LOCATIONS, STOCKPILES, MS AND ANY OFFSITE BORROW OR WASTE SITES TO BE DETERMINED IN THE FIELD AND INDICATED ON THE PLAN.



- SWPPP LEGEND**
- PERIMETER BMP (SF, FS, WF) - AS SHOWN
 - LIMITS OF DISTURBANCE / PERMITTED AREA
 - INLET PROTECTION
 - SEDIMENT TRAP (USE PONDING AREAS, MONITOR FOR MAINTENANCE)
 - SANITARY TOILETS (TBD)
 - DUMPSTER (TBD)
 - FLOW ARROW
 - 50' SEPARATION BUFFER - ADD FILTER SOCK TO BASE OF PERIMETER BMP

RECEIVING BODY - SANTA FE RIVER LOCATED ~13.7 MILES TO THE WEST VIA THE ARROYO DE LOS CHAMISOS LOCATED ~0.5 MILE TO THE WEST, AND ARROYO HONDO LOCATED ~9.8 MILES TO THE WEST.

SEPARATION BUFFER BMP REQUIREMENT - ADD FILTER SOCK TO BASE OF PERIMETER BMP

OUTFALL #1

KEY PLAN

CHRISTUS ST. VINCENT NURSING UNIT



CHRISTUS ST. VINCENT REGIONAL MEDICAL CENTER
455 ST. MICHAEL'S DRIVE, SANTA FE, NEW MEXICO 87505

These documents are for interim review and are NOT for regulatory approval, permitting, or construction.
Date: 9-30-2015
Architect of record: WHR
State: NM
Registration No.: 00000

OVERALL SITE GRADING PLAN



OPERATOR: MCCARTHY NM
DATE 2-24-16
REVISED 7-29-16

PHASE: CONSTRUCTION DOCUMENTS
DATE: 09-30-2015
PROJECT NO: **C201**
D14002-00
Copyright © 2015 WHR Architects PC

A1 OVERALL SITE GRADING PLAN
1" = 80'-0"
GRAPHIC SCALE
(IN FEET)
1 inch = 80 ft.



Storm Water Pollution Prevention Plan

Christus St Vincent Nursing Unit

455 St Michaels Dr
Santa Fe NM 87505 Santa Fe County

Operator:

McCarthy NM
1717 Louisiana Blvd NE
Albuquerque NM 87110
505-228-0632

Owner:

Christus St Vincent Regional Medical Center
455 St Michaels Dr
Santa Fe NM 87505

SWPPP Provider:

Superior StormWater Services, LLC
8505 Paseo Alameda NE
Albuquerque NM 87113
505-433-3693

SWPPP Preparation Date:

February 24, 2016 REV 8-1-16

SITE INFORMATION
BEST MANAGEMENT PRACTICES
INSPECTIONS, TRAINING AND RECORD KEEPING
SWPPP APPENDICES
COMPLETED INSPECTIONS AND CORRECTIVE LOGS

1.5 Soils, Slopes, Drainage Patterns and Vegetation

Soil type (NRCS Web Soil Survey): Primarily an Alire – Urban land complex soil with an erosion potential of $k=0.32$.

Slopes: Both historic and proposed slopes fall primarily from east to west at 1.0% average.

Drainage Patterns: This site historically drains from east to west. See site plan for details.

Vegetation: This site is currently primarily buildings, parking and walkways. The finished site will have walkways, parking and drainage improvements and will be landscaped and or xeriscaped ground cover. See plans in section 1.18 for details.

1.6 Site Erosion and Runoff Determinations

RUSLE calculations

Total project area:	~48.0 acres
Construction site area to be disturbed	~16.0 acres
RUSLE prior to disturbance $R=20, k=0.32, LS=0.1290, C=0.05, P=1.0$	~0.04 tons/ac
RUSLE during construction $R=20, k=0.32, LS=0.1290, C=0.55, P=1.0$	~0.46 tons/ac
RUSLE after final stabilization $R=20, k=0.32, LS=0.1290, C=0.05, P=1.0$	~0.04 tons/ac

Wind Erosion Potential from NRCS

During land development / construction phase (highly disturbed)	~48 tons/ac/yr
Final Stabilized conditions (stabilized)	~5 tons/ac/yr

1.7 Receiving Waters

Description of receiving waters: The sites runoff historically flows to the receiving body, the Santa Fe River via the Arroyo de los Chamisos located ~ 0.5 miles to the west, then 9.8 miles west to the Arroyo Hondo, then 3.9 miles to the west to the Santa Fe River. The receiving body is 303(d) listed for impairments at this location. The receiving water is listed by New Mexico Environmental Department (NMED) as IR Category 5/5A (pending TMDLs assessment) for pollutants listed as probable sources of impairments. Per requirements of Part 3.3 of CGP, discharge to Tier 2 or Tier 1 water Part 4.1.3 & 4.1.4 (arid, semi-arid), Part 2.2.1.3.c (stabilization within 7 days) and Part 9.4.1.3 (New Mexico stabilization requirements) of the CGP applies. See Appendix K for listing. BMPs onsite have been chosen and placed to reduce or eliminate runoff contributing to impairment of the receiving body of water.

Description of MS4: The storm runoff is managed by Santa Fe City / County. It is the operator's responsibility to notify the MS4 this site will discharge to their storm system during construction.

1.8 Allowable Non-Storm Water Discharge Management

Refer to Part 1.3.d of the 2012 CGP for allowable non-storm water discharges and management conditions. It is anticipated that the discharges listed in Part 1.3.d will be used onsite at various stages of construction.

1.9 Buffer Documentation

This site is located within 50' of potential surface water. Per requirements of Part 2.1.2.1 of the CGP, the site was assigned a moderate risk level with a less than 10' existing buffer available. This requires double perimeter control and 7 day site stabilization. See Site Plan and Appendix K for details.

1.10 Use of Chemical Treatment

No cationic treatment chemicals will be used onsite. Polyacrylamide (PAM) may be used as a soil stabilizing agent onsite as determined based on construction conditions. The sites soil type is listed in Section 1.5. The PAM is used as a soil binder and moisture retention method to reduce wind and water erosion and to help establish vegetation. The PAM will not be stored onsite. It is brought to the site as needed for immediate application. The PAM is applied at the rate and concentration recommended by the manufacture. The MSDS is in Appendix K.

1.11 Site Features and Sensitive Areas to be Protected

Description of unique features that are to be preserved: No unique or sensitive areas have been identified within the project area.

Describe measures to protect these features: N/A

1.12 Endangered Species Documentation

Are endangered or threatened species and critical habitats in the project action area?

Yes No

Describe how this determination was made:

Review of the FWS Critical Habitat Portal indicated possible threatened or endangered species critical habitat identified in the action area (at receiving body).

Criterion used on NOI. A B C D E F

If yes, describe the species and/or critical habitat:

Rio Grande Silvery Minnow at the Rio Grande

1.13 Historic Preservation

Are there any historic sites on or near the construction site?

Yes No

Describe how this determination was made:

No historical or archeological sites were reported for the site by the owner or operator.

1.14 SWPPP Amendments

SWPPPs (including the site maps) should be revised or amended within 7 calendar days in the following cases:

- 1) The SWPPP, including the site map, should be amended whenever there is a change in design, construction, operation, or maintenance at the site when, or additional BMPs are added or relocated.
- 2) The SWPPP should be amended if it is determined during an inspection that the BMPs are not effective in eliminating or significantly minimizing pollutants in storm water discharges from the site.
- 3) If problems are identified during an inspection, the SWPPP should be modified as necessary to include additional or modified BMPs. Revisions to the SWPPP should be completed within 7 calendar days following the inspection.
- 4) Amendments and revisions to the SWPPP are documented in Appendix E.

1.15 Retention of Records

Records shall be retained and available for inspection for 3 years from project completion.

1.16 Applicable Federal, Tribal, State or Local Programs

The SWPPP complies with Santa Fe County Public Works Department Road and Drainage Standards.

The SWPPP complies with the State of New Mexico Environment Department Surface Water Quality Bureau requirements.

The SWPPP complies with the EPA NPDES general permit for storm water discharges from construction activities (2012 Construction General Permit) and 1974 Safe Drinking Water Act (as amended) with regards to construction stormwater discharges.

1.17 NOI and Acknowledgement Letter from EPA / State

The following pages are the SWPPP NOI and Acknowledgement letter.

Table 2.2 Potential Pollution Sources and BMP Selection (cont.)

Material/Potential Pollutant Source	Used/Found On Site Yes/No	Comments BMP Selection
Soil Stabilization Material	No	Contained on the site and not applied just before a storm event. Stored in leak-proof containers away from potential water sources, inlets or drainageways.
Management of Contaminated Soils	Yes	Contaminated soils discovered or caused by construction activities on this site will follow the procedures outlined in Section 2.5 of this SWPPP following local, state and federal laws and regulations.
Sanitary/Septic Waste Management	Yes	Portable toilets will be contained on the site in designated areas. Licensed sanitary services will ensure facilities are in working order at all times. Portable toilets will be secured at all four corners to prevent overturning. Portable toilets are not to be placed in any potential water source, drainageway and at least 20' from any inlet.
Soil sediment from erosion during construction	Yes	See Section 2.3.

2.3 BMPs for Storm Water Pollution Prevention (runoff management)

2.3.1 Erosion and Sediment Controls

All erosion and sediment controls must comply with the requirements of Part 2.1 of the 2012 CGP.

Three general types of BMPs are shown:

Erosion Control - These BMPs are used to limit the amount and extent of erosion.

Sediment control - These BMPs are designed to capture eroded sediments prior to their conveyance off site.

Procedural Control - These BMPs are related to construction access, staging, and management controls. Procedural practices are Best Management Practices used to reduce or eliminate the contribution of pollutants in storm water runoff; i.e. good housekeeping practices, litter, debris and chemical control, street sweeping, dust control, preventative maintenance practices, spill prevention, employee training, sanitary waste management, etc.

All existing vegetation on site should be maintained in place for as long as possible. Maintaining existing vegetation and existing vegetation buffer strips is the most effective storm water pollution prevention technique. All sediment must be contained onsite either by the use of perimeter BMPs or by providing a sediment basin capable of containing 3600 CF per acre of disturbed area.

See Site and BMP maps in Section 1 of this SWPPP for BMP locations on site. See individual BMP details in Appendix H for description, materials, installation and maintenance standards.

2.3.2 Phased BMP Implementation

Phase of Construction -The BMPs listed in Tables 2.3 apply to one or more of the following construction phases.

Initial Stage - These BMPs shall be installed at the outset of construction, prior to any other land-disturbing activities. Initial controls are to be placed on existing grades, but shall be based in part on proposed grading operations.

Interim Stage - These BMPs shall be based on proposed grades and drainage features and are installed after initial site grading. For some BMPs such as Inlet Protection, interim controls are installed after the construction of site infrastructure.

Final Stage - BMPs shown in the Final Stage shall be installed as one of the last steps in the construction process, such as final seeding and mulching, and site clean up. Post construction controls have been selected and included in the final stage BMPs listed. Post construction controls meet applicable local, state, and federal requirements.

Table 2.3 Erosion and Sediment Control BMPs and Phase. Not all BMPs listed have been selected for this site at the time the SWPPP was prepared. The additional BMPs are listed in case it is determined they are needed during the course of construction and can be checked off in the field as needed. If a BMP is not listed and is implemented, it can be written in at the bottom of the table.

	Technique/BMP	Used Onsite	Selected to Control	Installation Phase(s)		
				Initial	Interim	Final
Permanent BMPs	Detention or Retention Pond		Sediment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Storm Drain System		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Sediment Traps	✓	Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Gabions		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Retaining Wall	✓	Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Rock Outlet Protection		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Vegetated Berm		Erosion	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Ditch Checks		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Permanent Seeding, Landscaping, Xeriscaping	✓	Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Maintain Existing Trees		Erosion	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Velocity Dissipation Devices		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Percolation Pit		Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Drainage Swales		Sediment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Temporary BMPs	Mulch		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Seeding		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Erosion Control Blanket/Mat		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Hydro Seed		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Tackifiers (PAM)		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Filter sock, sediment control log, wattle (as needed)	✓	Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Dust Control	✓	Erosion	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Maintain Existing Vegetation		Erosion	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Erosion Control Grass Sod/Mesh		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Soil Cement (stabilize stream, banks)		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Silt Fence (as needed)	✓	Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Reinforced Silt fence		Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Wind Fence		Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Interceptor Swale		Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Diversion Dike		Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Buffer for potential water within 50' of site	✓	Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Sand/Gravel Bag Berm		Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Rock Dams/Checks		Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Sediment Trap - Permanent (use detention or retention pond and excavate prior to site grading, inspect and maintain until site is stabilized.)		Sediment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Sediment Trap - Temporary	✓	Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Pipe Slope Drain		Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Inlet Protection	✓	Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Cut Back Curb		Sediment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stabilized Construction Entrance	✓	Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Dewatering pit		Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Stabilized Staging Area	✓	Erosion	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Earth Berm		Sediment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Table 2.3 Erosion and Sediment Control BMPs and Phase (cont.)

	Technique/BMP	Used Onsite	Selected to Control	Installation Phase(s)		
				Initial	Interim	Final
Procedural BMPs	Contain Wash Waters Onsite (Concrete Washout Areas)	✓		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Concrete Sawcutting Waste Management	✓		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Remove Hazardous Chemicals from Site	✓		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Dust Control	✓		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Sweep Street as needed	✓		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Construction Barriers, Temporary Fencing	✓		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Sanitary / Waste Management Practices	✓		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Contractor / Subcontractor Training	✓		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Regular Trash Pickup	✓		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Maintain Existing Vegetation			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Use of Treatment Chemicals (PAM)			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Protection of Existing Trees			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Staging / Materials Storage Area	✓		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.4 Stabilization BMPs / Post Construction Controls

Stabilization and coverage criteria will follow the requirements of Part 2.1, 2.2, 2.3, 9.4.1.4 and 9.4.1.5 of the 2012 CGP. Use Appendix D – Grading and Stabilization Activities Log to record description, location and date of stabilization activity.

This site requires temporary or final stabilization within 7 days of work completion in each action area. The stabilization schedule follows requirements of Part 2.1, 3.3, 9.4.1.3 and 9.4.1.5 of the 2012 CGP.

Permanent vegetative cover and final stabilization will be accomplished by use of landscaping, and / or xeriscaping. Refer to the landscape plan and project specifications for installation and maintenance details.

Temporary vegetative cover on disturbed areas should be used to reduce erosion from both wind and water sources. Because of the complex climatic differences that exist throughout the state of New Mexico, seeding guidelines need to be tailored to specific natural resource areas of the state. In the absence of a landscape plan or specification, the guidance of the U.S. Department of Agriculture (USDA) Natural Resources Conservation Services (NRCS) shall serve as the basis for making seeding recommendations for temporary seeding on a particular site. NRCS Conservation Practice Standard and Specification Code 340, *Cover Crop*, shall serve as the preferred guide for seed species and rates, seeding methods, and seeding dates for construction projects in New Mexico.

A copy of NRCS Code 340 Cover Crop is in the Appendix I.

Table 2.4 Stabilization Practices Recommended for This Site

Technique/BMP	Used Onsite	Selected to Control
Temporary Seeding	✓	Erosion/Sediment
Mulching		Erosion/Sediment
Hydro Seeding		Erosion/Sediment
Sod Stabilization		Erosion/Sediment
Tree Protection		Erosion/Sediment
Runoff Control (runoff directed to erosion / sediment controls)	✓	Erosion/Sediment
Vegetated Berm		Erosion/Sediment
Bonded Fiber Matrix		Erosion/Sediment
Erosion Control Blanket/Mat		Erosion/Sediment Stabilization
Tackifiers		Erosion/Sediment
Permanent Seeding	✓	Erosion/Sediment
Maintain Existing Vegetation		Erosion /Sediment
Paving / Hardscape	✓	Erosion/Sediment
Landscaping, Xeriscaping	✓	Erosion / Sediment

2.5 Pollution Prevention Procedures

2.5.1 Waste Management – Construction and Domestic Waste

Litter, construction debris, and construction chemicals that could be exposed to storm water must be prevented from becoming a pollutant source in storm water discharges. All waste materials will be collected and disposed of into waste containers located onsite. Provide waste containers of sufficient size and number to contain all construction and domestic waste. In addition, on workdays clean up site, dispose of waste in designated containers, and clean up immediately if containers overflow. Dumpsters will be placed away from storm water conveyances and inlets or drains, and meet federal, state, and municipal regulations. Waste containers will be placed onsite prior to start of construction. Only trash and construction debris from the site will be deposited in the waste container. Construction demolition waste will kept separate from construction and domestic waste and handled as demolition waste for offsite removal or recycling. No waste materials will be buried on-site. The individual who manages day-today site operations will be responsible for seeing that these practices are followed.

2.5.2 Hazardous Materials

EPA 2012 CGP regulates hazardous or "toxic" materials / "waste" / "pollutants" / "substances" per Section 307(a) of the Clean Water Act, <http://water.epa.gov/scitech/methods/cwa/pollutants-background.cfm>. The SWPPP operator should eliminate the introduction and use of hazardous materials onsite to the greatest extent possible. Handling of hazardous materials (hazardous or toxic waste) onsite will follow these minimum guidelines

- Separate hazardous or toxic waste from construction and domestic waste;
- Store waste in sealed containers, which are constructed of suitable materials to prevent leakage and corrosion, and which are labeled in accordance with applicable Resource Conservation and Recovery Act (RCRA) requirements and all other applicable federal,
- state, tribal, or local requirements;
- Store all containers that will be stored outside within appropriately sized secondary containment (e.g., spill berms, decks, spill containment pallets) to prevent spills from being discharged, or

SWPPP Amendment Log

Project Name: Christus St Vincent Nursing Center
SWPPP Contact:

Amendment No.	Description of the Amendment	Date of Amendment	Amendment Prepared by Name(s) and Title
8-1-16	Added buffer requirement - double perimeter BMP as shown on revised plans and 7 day stabilization schedule. Revised T&E to Criterion C to match NMED guidance	8-1-16	D. Tull, SWPPP preparer

SWPPP Amendment Log

Project Name: Christus St Vincent Nursing Center
SWPPP Contact:

Amendment No.	Description of the Amendment	Date of Amendment	Amendment Prepared by Name(s) and Title



CISEC, Inc. Board of Directors

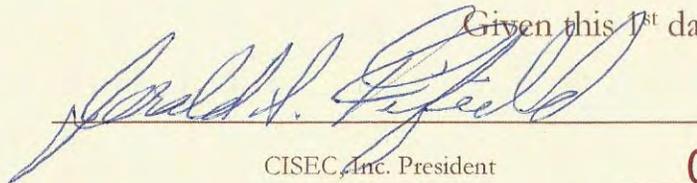
certifies that

Leroy Chavarria

has demonstrated satisfactory evidence of sediment and erosion control inspection skills and successfully passed the certification examination and therefore, as required by CISEC, Inc., is authorized to use the title of

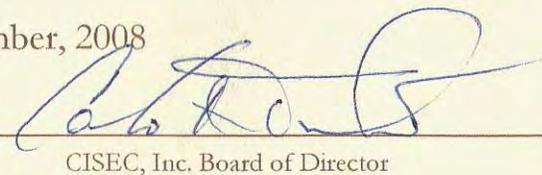
Certified Inspector of Sediment and Erosion Control

Given this 1st day of December, 2008


CISEC, Inc. President

0345

Certification Number


CISEC, Inc. Board of Director





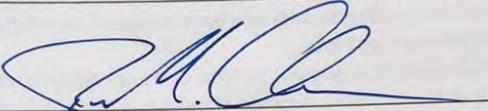


STORM WATER TEAM - OWNER

SWPPP Copy

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 contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained 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: Jason M. Adams Title: COO

Signature:  Date: 8-3-16

Christus St Vincent Nursing Center – SWPPP

If the BMP details are not sufficient, or pose a threat to public health, property, or safety by using the recommended BMPs, contact Superior StormWater Services LLC for alternatives.

This plan has been prepared according to the NMED / EPA 2012 Construction General Permit (CGP). It represents a planning tool to assist the operator to comply with environmental regulations during the projects construction. The decisions on how to operate the construction site rest solely with the permittee and not with Superior StormWater Services LLC. Superior StormWater Services LLC is not liable for the operational decisions of the site operator or the failure of the site operator to follow the requirements as outlined in the CGP.

This SWPPP has been prepared with information provided by the Owner and/or Operator. Superior StormWater Services LLC has not conducted a site assessment with regards to impacts involving threatened or endangered species, critical habitat, previous use of the site, environmental suitability, historic or archeological issues. It is the Owner's responsibility to complete these assessments and report those findings to Superior StormWater Services, LLC prior to implementation of this SWPPP.

Contractor agrees to hold Superior StormWater Services LLC harmless for any potential violations the permittee may receive for operational violations from regulatory agencies, including but not limited to city governments, the State, or EPA.

By accepting the SWPPP, the permittee accepts this disclaimer and its conditions.