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Certified Mail – Return Receipt Requested



RYAN FLYNN
Cabinet Secretary-Designate

BUTCH TONGATE
Deputy Secretary

June 18, 2013

Michael L. Smith, Member
Double B & S LLC
221 North Auburn Avenue
Farmington, New Mexico 87401

RE: Construction Storm Water, SIC 1521, NPDES Compliance Evaluation Inspection, Mike Smith and/or Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237, May 16, 2013

Dear Mr. Smith:

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 2012 Construction General Permit (CGP), Definitions, Appendix A). 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 discussed in the worksheet inspection report. You are encouraged to review the inspection report; and required to correct any problems noted during the inspection and to modify your operational and/or administrative procedures, as appropriate. Further, you are encouraged to notify in writing regarding modifications and compliance schedules both the USEPA (Diana McDonald, USEPA (6EN-WM), 1445 Ross Avenue, Dallas, Texas 75202-2733) and Bruce Yurdin, Program Manager, Point Source Regulation Section, NMED Surface Water Quality (at the address above).

If you have any questions about this inspection report, please contact me at 505-827-0418.

Sincerely,

/s/Erin S. Trujillo
Erin S. Trujillo
Surface Water Quality Bureau

cc: Rashida Bowlin, USEPA (6EN) by e-mail
Jan Walker, USEPA (6EN-WC) by e-mail
Hannah Branning, USEPA (6EN-WC) by e-mail
Darlene Whitten-Hill, USEPA (6EN-WC) by e-mail
Carol Peters-Wagnon, USEPA (6EN-WM) by e-mail
Diana McDonald, USEPA (6EN-WM) by e-mail
Robert Italiano, NMED District II Santa Fe by e-mail



Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code			NPDES										yr/mo/day				Inspec. Type		Inspector		Fac Type								
1	N	2	5	3	N	M	R	1	2	A	2	3	7	11	12	1	3	0	5	1	6	17	18	}	19	S	20	2	
Remarks																													
C O N S T R U C T I O N ~ 5 A C R E S																													
Inspection Work Days						Facility Evaluation Rating						BI		QA		-----Reserved-----													
67						70	2	71	N	72	N	73			74	75													80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)		Entry Time /Date		Permit Effective Date	
Flora Vista Hillside Estates #2. From NM 516 (near Flora Vista), turn north onto County Road (CR) 3450, after crossing Famers Ditch, turn east onto shared driveway access to terraced tract. San Juan County		~0940 hours / 05/16/2013		February 16, 2012	
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)		Exit Time/Date		Permit Expiration Date	
Michael L. (Mike) Smith, Member, Double B & S LLC / 505-325-2895 Don Becker / 505-320-0291 Paul Martin, P.E., Sakura Engineering, 125 West Main St, Farmington, NM 87401 / 505-564-2139		~1405 hours / 05/16/2013		February 16, 2017	
Name, Address of Responsible Official/Title/Phone and Fax Number		Contacted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Other Facility Data	
Michael L. Smith, Member, Double B & S LLC, 221 North Auburn, Farmington, New Mexico 87401 / 505-325-2895 and fax 505-327-1585				Entrance Latitude 36.811270° Longitude -108.078543° SIC 1521 (Primary Code for Construction Activity)	

Section C: Areas Evaluated During Inspection

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

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

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

- Owner/Operator (Property Owner/Developer/Self-Contractor) = Michael (Mike) L. Smith and/or Double B & S LLC, Farmington, New Mexico
- A Notice of Intent (NPDES Tracking No. NMR10HN08) was signed/certified by Paul Martin for Mike Smith – Guardian Abstract Title Co., Inc. on 01/16/2012 to obtain permit coverage for stormwater discharges under the USEPA 2008 Construction General Permit (CGP). A NOI was signed/certified by Paul Martin for Mike Smith on 04/16/2012 to obtain permit coverage under the 2012 CGP (NPDES Tracking No. NMR12A237). The NMR10HN08 and NMR12A237 NOIs were not signed by a responsible corporate officer, or a general partner or the proprietor for a partnership or sole proprietorship.
- A stormwater pollution prevention plan (SWPPP) prepared 01/16/2012 was made available on the day of this inspection. The SWPPP was not updated to meet requirements of the 2012 CGP.
- See attached worksheet with notes and photo log.

Name(s) and Signature(s) of Inspector(s) Erin S. Trujillo /s/Erin S. Trujillo	Agency/Office/Telephone/Fax NMED/SWQB/505-827-0418/505-827-0160	Date 06/18/2013
Signature of Management QA Reviewer Bruce Yurdin /s/Bruce Yurdin	Agency/Office/Phone and Fax Numbers NMED/SWQB/505-827-2798/505-827-0160	Date 06/18/2013

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

National Database Information		General	
Inspection Type	CEI	Inspector Name	Erin S. Trujillo
NPDES ID Number	NMR12A237	Telephone	505-827-0418
Inspection Date	05-16-2013	Entry Time	0940 hours
Inspector Type (circle one)	EPA <input checked="" type="checkbox"/> State EPA Oversight	Exit Time	1405 hours
Facility Type (circle one)	Commercial / <input checked="" type="checkbox"/> Residential / Municipal / Industrial	Signature	/s/Erin S. Trujillo

Facility Location Information				
Name/Location/Mailing Address	Flora Vista Hillside Estates #2. From NM 516 (near Flora Vista), turn north onto County Road (CR) 3450, after crossing Famers Ditch, turn east onto shared driveway access to site. San Juan County, New Mexico			
Coordinates	Latitude	36.811270°	Longitude	-108.078543°
Receiving Waters	USGS topographic shows unclassified unnamed tributary generally along CR 3450, thence approximately 1 mile south to Animas River in Segment 20.6.4.403 NMAC			
Disturbed Area	~5 / 7.75 acres	Start/Stop Dates	See Notes Below	

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator	Mike Smith and/or Double B & S LLC- Roles Property Owner/Developer/Self-Contractor	505-325-2895
Facility Contact	Michael (Mike) L. Smith, Double B & S LLC Don Becker	505-325-2895 505-320-0291
Authorized Official(s)	Michael L. Smith, Member, Double B & S LLC	505-325-2895

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

Basic Permit Information			Basic SWPPP Information		
Permit Coverage	<input checked="" type="checkbox"/> Y	N	SWPPP Prepared & Available? <i>Part 7.1.1, 7.2.1</i>	<input checked="" type="checkbox"/> Y	N
Permit Type	<input checked="" type="checkbox"/> General	Individual	SWPPP Contents Satisfactory?	Y	<input checked="" type="checkbox"/> N
Notice Posted (visible, font large, NPDES Permit tracking#, contact name & phone #) <i>Part 1.5</i>	<input checked="" type="checkbox"/> Y	N	SWPPP Implementation Satisfactory?	Y	<input checked="" type="checkbox"/> N
	NMR10HN08	NMR12A237		Prepared	Signed/Certified
NOI Date	01/16/2012	04/16/2012	SWPPP Date	01/16/2012	NA
Is NOI Satisfactory?	Y	<input checked="" type="checkbox"/> N			

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

Additional Facility and Inspection Information (optional)

Introduction: A Compliance Evaluation Inspection (CEI) was conducted by Erin S. Trujillo of the New Mexico Environment Department (NMED) Surface Water Quality Bureau (SWQB) on May 16, 2013 from approximately 0940 hours to 1305 hours at Flora Vista Hillside Estates #2, County Road (CR) 3450, San Juan County, New Mexico. 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, and compliance with USEPA's Construction General Permit (CGP).

Upon arrival, this inspector contacted, made introductions and explained the purpose of the inspection by telephone to Michael L. Smith, Member, Double B & S LLC. Mr. Smith provided contact information for Mr. Don Becker. Upon arrival of Mr. Becker on site, the inspector made introductions, explained the purpose of the inspection, and presented credentials. Mr. Becker identified himself as a partner with Mr. Smith since 2011 on the Flora Vista Hillside Estates #2 residential subdivision. Mr. Becker provided inspection record-keeping, site maps and other information. The inspector and Mr. Becker toured the site. At approximately 1245 hours, the inspector and Mr. Becker traveled off site to 221 North Auburn, Farmington, New Mexico 87401, where a copy of the Stormwater Pollution Prevention Plan (SWPPP) was made available. The inspector conducted an exit interview to discuss preliminary findings with Mr. Smith, Mr. Becker, and Mr. Paul Martin, P.E., Sakura Engineering, Farmington, New Mexico.

This report is based on a review of the USEPA online notice of intent (eNOI) database, review of files maintained by the Permittee and NMED, on-site observation by NMED personnel, and verbal information provided by the permittees' representatives.

Background/Estimated Construction Start/End Dates: Based on readily available Google Earth imagery, the site was disturbed with cut roads and terraces since at least 10/08/1997. An aerial photograph plat provided for review on site by Mr. Becker showed Double B & S LLC as owner of the tract since at least 2009. The SWPPP describes the construction activities as cutting, filling and grading for individual home sites. According to Mr. Becker, construction plans or a final subdivision plat (with individual residential lots) was not available. The site map provided on site used a South Flora Vista Hillside Estates Subdivision Plat prepared by Basin Surveying, Inc. and Sakura Engineering field work dated 06/12/2008. The NMR10HN08 NOI indicates an estimated start date of 01/23/2012. A corrective action (inspection) report for 01/03/2012 was provided for review on site. The NMR12A237 NOI indicates an estimated start date of 04/17/2012 and project completion date of 04/16/2013. An estimated timeframe for completion, including completion of final stabilization was not documented in the SWPPP.

Signature/Certification on NOIs: The NMR10HN08 NOI was signed/certified by Mr. Martin for Mike Smith – Guardian Abstract Title Co., Inc. on 01/16/2012 and the NMR12A237 NOI was signed/certified by Mr. Martin for Mike Smith on 04/16/2012. The NMR10HN08 and NMR12A237 NOIs were not signed by responsible corporate officer for either Guardian Abstract Title Co., Inc. or Double B & S LLC, or a general partner or the proprietor for a partnership or sole proprietorship.

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? <i>Part 7.2.15, Appendix I.11</i>	Y	<input type="checkbox"/> N	SWPPP prepared 01/16/2012 by Mr. Paul Martin, P.E., Farmington, New Mexico was not signed/certified by owner/operator.
SWPPP completed prior to NOI? <i>Part 7.1.1, Part 1.2.1</i>	Y	<input type="checkbox"/> N	SWPPP prepared prior to NOI, but was not updated for requirements of the 2012 CGP and as previously noted was not completed (signed/certified) by owner/operator.
Endangered Species Act. Does SWPPP include documentation supporting determination? <i>Part 7.2.14.1; Part 1.1.e, Appendix D</i>	<input checked="" type="checkbox"/> Y	N	
Historic Properties. Does SWPPP include documentation supporting determination? <i>Part 7.2.14.2, Appendix E</i>	<input checked="" type="checkbox"/> Y	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>	Y	N	Not applicable
Post-Authorization Additions. Does SWPPP include: <ul style="list-style-type: none"> ➤ Copy of acknowledgement letter N ➤ Copy of NOI N ➤ Copy of permit Not updated <i>Part 7.2.16.3</i>	Y	<input type="checkbox"/> N	Not updated with 2012 CGP post-authorizations. SWPPP contained acknowledgement letter for NMR10HN08, but not NMR12A237. SWPPP contained copy of Federal Register dated July 8, 2011 (extending permit coverage of the 2008 CGP) and the CGP modified effective 01/21/2005 expiring in 2008, but not 2008 or 2012 CGP.
If applicable, SWPPP describes compliance with any case-by-case basis USEPA imposed water quality-based effluent limitation requirements? <i>Part 3</i>	Y	N	Not applicable
If discharge to an impaired water, includes records of all data used to complete NOI: <ul style="list-style-type: none"> ➤ List of all impaired waters Y/N ➤ Pollutant(s) for which the surface water is impaired Y/N ➤ Whether a TMDL has been approved or established Y/N <i>Part 3.2.1, Appendix I.15</i>	Y	N	Not applicable
Required SWPPP modifications completed? <ul style="list-style-type: none"> ➤ Completed w/7 days N ➤ Maintains modification records showing dates, name of person authorizing change and summary N ➤ Signed/Certified N ➤ Immediately notified other operators NA <i>Parts 7.4, 5.2.2, Appendix I.11.b</i>	Y	<input type="checkbox"/> N	SWPPP not updated/not modified. Date of modifications (e.g., riser pipe added at containment pond, deletion or removal of silt fence and straw bales controls around pond, addition of pond on terrace, rip rap, and earth berms) was not documented.
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>	Y	<input type="checkbox"/> N	As discussed above, authorization documentation was not retained as part of SWPPP

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

Team & Activity Description			Notes:
Identifies stormwater team personnel and responsibilities? ➤ Personnel (by name or position) N ➤ Individual responsibilities N <i>Part 7.2.1</i>	Y	<input checked="" type="checkbox"/> N	
Is staff training documented? ➤ Training occurs prior to the commencement of earth-disturbing activities or pollutant-generating activities, whichever occurs first N ➤ Ensures following understand the requirements of this permit and their specific responsibilities: ○ Personnel responsible for the design, installation, maintenance, and/or repair of controls/measures Y ○ Personnel responsible for the application and storage of treatment chemicals NA ○ Personnel responsible for conducting inspections Y ○ Personnel responsible for taking corrective actions Y ➤ At a minimum, training includes: ○ Location of all stormwater controls on the site required by this permit, and how maintained Y ○ Proper procedures to follow with respect to the permit’s pollution prevention requirements Y ○ When and how to conduct inspections, record applicable findings, and take corrective actions Y <i>Parts 7.2.13, 6 and permit notes for emergency-related construction activities</i>	Y	<input checked="" type="checkbox"/> N	Available training documentation provided for review on site included copies of handouts and certification dated 12/05/2012 for Donald Becker (10 hour SWPPP Inspection Report seminar provided by John and Hunter, Santa Fe Environmental, Inc.). But, documented training did not occur prior to earth disturbance.
Describes nature of construction activities? ➤ Size of the property Y ➤ Total area to be disturbed Y ➤ Construction support activity areas N ➤ Maximum area to be disturbed at any one time Y <i>Part 7.2.2</i>	Y	<input checked="" type="checkbox"/> N	SWPPP did not describe site specific “Construction Support Activities” (e.g., equipment staging yards, materials storage areas).
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 <i>Parts 7.2.3, 1.2</i>	Y	<input type="checkbox"/> N	Not applicable
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 <i>Part 7.2.4</i>	Y	<input type="checkbox"/> N	Not applicable

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

<p>Describes sequence, estimated dates (departures) and duration of construction activities?</p> <ul style="list-style-type: none"> ➤ Installation of control measures when operational N ➤ Commencement/duration clearing & grubbing, mass grading, site preparation (excavating, cutting & filling), final grading, and creation of soil & vegetation stockpiles N ➤ Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of site N ➤ Final/temporary stabilization areas of exposed soil N ➤ Removal of temporary stormwater conveyances/channels and other stormwater control measures N ➤ Removal of construction equipment and vehicles N <p><i>Part 7.2.5</i></p>	Y	<input type="checkbox"/> N	<p>SWPPP listed general sequence. But, SWPPP did not describe estimated dates and duration.</p>
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Industrial Storm Water Worksheet (Construction) – State of New Mexico

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 ➤ Locations construction activities will occur Y ➤ Locations earth-disturbing activities will occur (note any phasing) Y ➤ Approximate slopes before and after major grading (note steep slopes) N ➤ Locations sediment, soil, or materials will be stockpiled N ➤ Locations of crossings of surface waters NA ➤ Designated points vehicles exit onto paved roads Y ➤ Locations of structures/impervious surfaces upon completion NA ➤ Locations of construction support activity areas N <i>Part 7.2.6.1</i>	Y	<input checked="" type="checkbox"/> N	Site map(s), including aerial photographs, did not indicate approximate slopes, stockpile, or support activity (equipment and material storage areas)
<ul style="list-style-type: none"> ➤ Locations of surface waters/wetlands, within or in immediate vicinity Y ➤ Indicates waters listed as impaired, and Tier 2, Tier 2.5, or Tier 3 NA <i>Part 7.2.6.2</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	Farmers Ditch shown
<ul style="list-style-type: none"> ➤ Boundary lines of natural buffers <i>Parts 7.2.6.3, 2.1.2.1a</i> 	Y	<input checked="" type="checkbox"/> N	Not documented/not updated. Applicability of 2012 CGP buffer requirements not described in SWPPP.
<ul style="list-style-type: none"> ➤ Areas of federally-listed critical habitat for endangered or threatened species <i>Part 7.2.6.4</i> 	Y	<input type="checkbox"/> N	Not applicable
<ul style="list-style-type: none"> ➤ Topography N ➤ Existing vegetative cover Y (aerial photos) ➤ Drainage pattern of stormwater/authorized non-stormwater flow onto, over, and from site <u>before and after</u> major grading N <i>Part 7.2.6.5</i>	Y	<input checked="" type="checkbox"/> N	
<ul style="list-style-type: none"> ➤ Stormwater and allowable non-stormwater discharge locations Not documented ➤ Locations of storm drain inlets on site and immediate vicinity NA ➤ Locations stormwater or allowable non-stormwater will be discharged to surface waters (including wetlands) on or near site Not documented <i>Part 7.2.6.6</i>	Y	<input checked="" type="checkbox"/> N	A sediment containment pond described in the SWPPP was constructed at the shared access road culvert crossing. The culvert crossing inlet/outlet was not shown on site maps. The date that a high riser pipe was installed on the culvert within the pond area was not documented in the inspection record-keeping provided for review on the day of this inspection or site map.
<ul style="list-style-type: none"> ➤ Locations of potential pollutant-generating activities <i>Part 7.2.6.7, Part 7.2.7</i> 	Y	<input checked="" type="checkbox"/> N	Site map showed portable toilet location, but map was not updated with locations of potential pollutant associated with equipment and materials storage areas.
<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	Site map showed location of entrance stone pad, retention pond along county road and pond on terrace, concrete berm along Farmers's Ditch, earth berms, portable toilet and spill kit; but not rip rap.
<ul style="list-style-type: none"> ➤ Locations polymers, flocculants, or treatment chemicals will be used/stored <i>Part 7.2.6.9</i> 	Y	<input type="checkbox"/> N	Not applicable / Use of polymers, flocculants, or treatment chemicals not described in SWPPP

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

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 Y ➤ Potential spills/leaks Y ➤ Departures from manufacturer’s specifications for applying fertilizers containing nitrogen & phosphorus 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 type="checkbox"/> Y	<input type="checkbox"/> N	No non-stormwater discharges identified in SWPPP / none allowable.
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 Y ➤ Uses velocity dissipation devices, if necessary NA ➤ Documents natural buffer width Not documented ➤ Delineates, and clearly marks off, with flags, tape, or other similar marking device all natural buffer areas No / Not documented ➤ Documents erosion and sediment control(s) used to achieve an equivalent sediment reduction Not documented ➤ Documents any information relied upon to demonstrate equivalency Not documented <i>Parts 7.2.9, 2.1.2, Appendix G</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Not documented / not described. Farmers Ditch is approximately 50 feet down slope from the lower terrace, but is within 50 feet of the shared access road.
As applicable, describes and documents <u>buffer exceptions</u>? <ul style="list-style-type: none"> ➤ Describes rationale/why infeasible to provide and maintain an undisturbed natural buffer of any size Not documented ➤ For linear project, describes buffer width retained and supplemental controls installed NA ➤ Small residential lot options Not documented ➤ Documents CWA Section 404 Permit, water-dependent structure/access disturbances NA <i>Parts 7.2.9; 2.1.2.1e, Appendix G</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Allowable 2012 CGP buffer exceptions were not documented in SWPPP.

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

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 N ➤ Specific sediment controls installed and made operational prior to conducting earth-disturbing activities N (berms, riser pipe) ➤ For exit points, stabilization techniques and any additional controls planned to remove sediment prior to vehicle exit Y ➤ For linear projects (if applicable), where/why it has been determined that the use of perimeter controls is practicable NA <p><i>Part 7.2.10.1</i></p>	<p>Y</p> <p><input type="checkbox"/> N</p>	<p>SWPPP referred to a field manual that the operator was to obtain, but did not include site specific design information. Plan did not include / was not updated with specific installation, maintenance and design (dimensions) of earth berms. SWPPP, including site maps, were not updated to include riser pipe installed in pond, or rip rap on side of hill on inspection/corrective action recordkeeping dated 09/22/2012.</p>
Erosion and Sediment Controls		Notes:
<p>Minimizes area of disturbance?</p> <p><i>Part 2.1.1.1</i></p>	<p>Y</p> <p>N</p>	<p>Not applicable, as described in SWPPP</p>
<p>Describes erosion and sediment control <u>design</u> requirements?</p> <ul style="list-style-type: none"> ➤ Accounts for expected amount, frequency, intensity, duration of precipitation Y ➤ Accounts for nature of run-on and run-off (channelized peak flow rates & total volume at outlet) NA ➤ Accounts for range of soil particle sizes (distribution, erosivity and cohesiveness) Y ➤ Directs discharge to vegetated areas to increase sediment removal and infiltration unless infeasible Y ➤ Uses velocity dissipation, if necessary NA ➤ Complies with State of New Mexico except Indian country requirements: <ul style="list-style-type: none"> ○ Includes site-specific BMPs/controls designed to prevent to the maximum extent practicable an increase in sediment yield/flow velocity from pre-construction, pre-development conditions both during and after construction. Y ○ Selection based on appropriate soil loss prediction models (results in sediment yields/flow velocities, that to the maximum extent practicable, will not be greater than the sediment yield levels and flow velocities from pre-construction, pre-development conditions) Y <p><i>Parts 2.1.1.2, 9.4.1.1</i></p>	<p><input checked="" type="checkbox"/> Y</p> <p>N</p>	<p><u>Comment:</u> SWPPP included RUSLE Soil Loss Computations (pre, during and post = 3.0 t/ac/yr).</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 Y ➤ Installs all other controls and makes operational as soon as conditions allow Y ➤ Uses good engineering practices and follows manufacturer's specifications or explain departures Not documented (berms) <p><i>Part 2.1.1.3</i></p>	<p><input checked="" type="checkbox"/> Y</p> <p>N</p>	<p>See notes above</p>

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

<p>Describes erosion and sediment control maintenance requirements?</p> <ul style="list-style-type: none"> ➤ Initiates fix immediately and completed by close of next work day (routine maintenance) N ➤ Installs new measure/significant repair no later than 7 calendar days or document why infeasible N <p><i>Part 2.1.1.4</i></p>	Y	<input type="checkbox"/> N	2012 CGP maintenance timeframe requirements not described
<p>Installs perimeter controls 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>	Y	N	Not applicable / No installed structural perimeter controls
<p>Minimizes sediment track-out?</p> <ul style="list-style-type: none"> ➤ Restricts vehicle use to properly designated exit points? Y ➤ Uses appropriate stabilization techniques at all points that exit onto paved roads? Y ➤ Where necessary, uses additional measures to remove sediment prior to exit? Not documented ➤ Removes tracked out sediment prior to the end of the same work day or if occurs on non-work day the next work day? N <p><i>Part 2.1.2.3</i></p>	Y	<input type="checkbox"/> N	2012 CGP maintenance additional measures and specific timeframe requirements not described.
<p>Controls discharges from stockpiled sediment or soil?</p> <ul style="list-style-type: none"> ➤ Locates piles outside of buffers N ➤ Locates piles separate from stormwater controls N ➤ Uses temporary sediment barrier N ➤ Where practicable, provides cover or temporary stabilization N ➤ Does not hose down or sweep into stormwater conveyance unless connected to basin, trap, etc. NA ➤ Contains and securely protects pile from wind? N <p><i>Part 2.1.2.4</i></p>	Y	<input type="checkbox"/> N	Not updated / Need for stockpile observed on site was not described in SWPPP / 2012 CGP requirements not described.
<p>Minimizes dust?</p> <p><i>Part 2.1.2.5</i></p>	Y	<input type="checkbox"/> N	
<p>Minimizes disturbance of steep slopes?</p> <p><i>Part 2.1.2.6</i></p>	Y	<input type="checkbox"/> N	
<p>Preserves topsoil, unless infeasible?</p> <p><i>Part 2.1.2.7</i></p>	Y	<input type="checkbox"/> N	If feasible, not described in SWPPP.
<p>Minimizes soil compaction where final vegetative stabilization or infiltration installed?</p> <p><i>Part 2.1.2.8</i></p>	Y	<input type="checkbox"/> N	
<p>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)?</p> <p><i>Part 2.1.2.9</i></p>	Y	N	Not applicable / No storm drain inlets
<p>Describes constructed conveyance channel controls (if installed)?</p> <p><i>Part 2.1.3.1</i></p>	Y	N	Not applicable

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

<p>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></p>	Y	<input checked="" type="checkbox"/>	Design only generally described. 2012 CGP maintenance requirements not described. SWPPP indicated maintenance at 2/3, not 1/2 capacity.
<p>Describes <u>treatment chemical</u> controls (if used)? <i>Part 2.1.3.3</i></p>	Y	N	Not applicable / Use of treatment chemicals not described in SWPPP
<p>Includes documentation for use of <u>treatment chemicals</u> (polymers, flocculants, or other treatment chemicals)?</p> <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 <p><i>Parts 7.2.10.2, 2.1.3.3h</i></p>	Y	N	Not applicable / Use of treatment chemicals not described in SWPPP
<p>Describes <u>dewatering</u> controls (if installed)? <i>Part 2.1.3.4</i></p>	Y	N	Not applicable / Need for dewatering not described in SWPPP.

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

Stabilization Requirements	Notes:		
<p>Describes compliance with deadlines for vegetative and/or non-vegetative stabilization practices, including exceptions?</p> <p><u>Deadline to Initiate</u></p> <ul style="list-style-type: none"> ➤ Initiates stabilization immediately (no later than end of next work day following earth-disturbing activities permanently/temporarily ceased) Not documented <p><u>Deadline to Complete</u></p> <ul style="list-style-type: none"> ➤ As soon as practicable, but no later 14 calendar days after initiation, completes stabilization (for vegetative, all activities to initially seed or plant, and/or for non-vegetative, installation or application) 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 Not documented ➤ Documents/describes circumstances beyond control that prevent meeting deadlines N ➤ If discharging to sediment or nutrient-impaired waters or Tier 22.5 or 3 waters, completes stabilization (vegetative or non-vegetative) w/7 calendar days after temporary or permanent cessation NA <p><i>Parts 7.2.10.3, 2.2.1, 3, 9.4.1.3</i></p>	Y	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<p>2012 CGP deadlines not described</p>
<p>Describes compliance with vegetative (final) stabilization criteria?</p> <ul style="list-style-type: none"> ➤ Provides uniform vegetation (e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for all unpaved areas / areas not covered by permanent structures 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 N <p><i>Parts 7.2.10.3, 2.2.2.a, 3, 9.4.1.4</i></p>	Y	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<p>2012 CGP vegetative (final) stabilization criteria not described</p>

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/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 <p><i>Parts 7.2.10.3, 2.2.2.b, 3, 9.4.1.5</i></p>	Y	N	Not applicable / Not described in SWPPP
<p>If using, provides effective non-vegetative cover to stabilize?</p> <p><i>Parts 7.2.10.3, 2.2.2.2</i></p>	Y	N	Not applicable / Non-vegetative cover not described. Not updated / Use of rip rap not described.

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

Pollution Prevention Procedures			Notes:
Describes procedures for <u>spill prevention and response</u>? <i>Parts 7.2.11.1, 2.3.4</i>	<input type="checkbox"/> Y	N	
Describes procedures for <u>waste management</u>? <i>Part 7.2.11.2, 2.3.3.3</i>	<input type="checkbox"/> Y	N	
Eliminates prohibited discharges? <ul style="list-style-type: none"> ➤ Concrete washout, unless managed by control in Part 2.3.3.4 NA ➤ Washout/cleanout of stucco, paint, form release oils, curing compounds and other materials unless managed by control in Part 2.3.3.4 NA ➤ Fuels, oils or other from vehicle and equipment O&M N ➤ Soaps, solvents, or detergents used in vehicle and equipment washing NA ➤ Toxic or hazardous substances from spill/release Y <i>Part 2.3.1</i>	Y	<input type="checkbox"/> N	Controls for on-site storage of fuels only briefly described. See notes below.
Properly maintains and protects all pollution prevention controls? <i>Part 2.3.2</i>	Y	<input type="checkbox"/> N	Not updated for 2012 CGP
Complies with pollution prevention standards for certain activities? <ul style="list-style-type: none"> ➤ Fueling/maintenance of equipment or vehicles N ➤ Washing of equipment and vehicles NA ➤ Storage, handling, disposal of materials, products and waste Y ➤ Washing applicators/containers NA <i>Part 2.3.3</i>	<input type="checkbox"/> Y	N	2012 CGP requirements (e.g., compliance with Spill Prevention Control and Countermeasures (SPCC), use of drip pans and absorbents under or around leaky vehicles) not described.
Minimizes discharge/complies with restrictions of <u>fertilizer application</u>? <i>Part 2.3.5</i>	Y	N	Not applicable / SWPPP does not describe use of fertilizer

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 N ➤ Inspection schedule Not updated ➤ Reduction of inspection frequency NA. As applicable: <ul style="list-style-type: none"> ○ location of the rain gauge or the address of weather station to obtain rainfall data Y/N/NA ○ beginning and ending dates of the seasonally-defined arid period for your area or the valid period of drought Y/N/NA ○ beginning and ending dates of frozen conditions Y/N/NA ➤ Inspection or maintenance checklists or other forms that will be used Y <p><i>Parts 7.2.12</i></p>	Y	<input type="checkbox"/> N
<p>In SWPPP, inspection schedule (precipitation amounts), maintenance and corrective action requirements were not updated for 2012 CGP requirements. Reduction of inspection frequency not applicable because not described / not updated in SWPPP. Example inspection forms from training class attended by permittee on-site representative were provided for review, but were not used for record-keeping</p>		
Inspections	Notes:	
<p>Inspections performed by “qualified” person?</p> <p><i>Part 4.1.1</i></p>	Y	<input type="checkbox"/> N
<p>N = Not documented prior to 12/05/2012 Y = After 12/05/2012</p>		
<p>Conducts inspections at a minimum of required frequency unless reductions documented?</p> <ul style="list-style-type: none"> ➤ Every 7 days <u>or</u> 14 days & w/in 24 hrs of a 0.25” rain event N <p><i>Part 4.1.2</i></p>	Y	<input type="checkbox"/> N
<p>Inspection frequency was not consistent. Corrective action/inspection record-keeping (01/03/2012 thru 05/22/2013) indicated inspections often every 7 days and also within 14 days. But, provided record-keeping indicate that it had been 23 days since the last inspection.</p>		
<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>	Y	N
<p>Not applicable</p>		
<p>If allowable (begin/end dates recorded), documents reduced inspection frequency?</p> <ul style="list-style-type: none"> ➤ Stabilized area - 1/mo in areas where stabilization has been completed Y/N/NA ➤ For arid/semi arid during seasonally dry period or drought-stricken areas - 1/mo and w/24 hrs of the occurrence of a storm event ≥ 0.25” Y/N/NA ➤ For frozen conditions (runoff unlikely, disturbance suspended, areas stabilized) - suspends until thawing conditions Y/N/NA <p><i>Part 4.1.4.1 thru 3</i></p>	Y	N
<p>Not applicable / Reduced inspections not described, therefore, not allowable</p>		
<p>Inspection areas includes:</p> <ul style="list-style-type: none"> ➤ All cleared, graded, excavated, and not completed stabilization N ➤ All controls/measures N ➤ Material/waste/borrow/equipment storage and maintenance areas N ➤ All areas stormwater typically flows N ➤ All points of discharge N ➤ All locations stabilization implemented N <p><i>Part 4.1.5</i></p>	Y	<input type="checkbox"/> N
<p>Not documented. Forms labeled “Corrective Action Reports” were completed with the following inspection and maintenance information: site location, report date, inspection date, repair description, date repaired, and signature. According to inspector, all areas of the tract were inspected. But, specific areas and controls were not documented on written inspection/corrective action record-keeping provided for review on the day of this inspection.</p>		

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

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

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? <i>Part 5</i>	Y	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Y = Discovered maintenance N = SWPPP Modifications as previously noted.
Within 24 hours of discovering the occurrence, completes a report of the following: ➤ Condition identified Y ➤ Nature of the condition identified Y ➤ Date and time of the condition identified and how it was identified Y = Date, N = time <i>Part 5.4</i>	Y	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No times recorded
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 N ➤ Summary of stormwater control modifications taken or to be taken N ➤ Schedule of activities necessary to implement changes N ➤ Date the modifications are completed or expected to be completed N ➤ Notice of whether SWPPP modifications are required as a result of the condition identified or corrective action N ➤ Signed and certified in accordance with Appendix I.11 N <i>Parts 5.4.2, 5.4.3</i>	Y	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No 7-day reports for SWPPP modifications.

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:	<p><i>(Provide brief description)</i></p> <p>Entire tract appears to have been disturbed. Majority of tract was disturbed by terrace activities prior to 2009.</p>
Buffer compliance:	<p><i>(e.g., provide and maintain a 50-foot undisturbed natural buffer)</i></p> <p>Farmers Ditch is approximately 50 feet down slope of the lower terrace. Along shared access road, the area was vegetated and not re-disturbed by construction activities.</p>
Perimeter controls:	<p><i>(e.g., filter berms, silt fences, temporary diversion dikes)</i></p> <p>A concrete berm installed prior to 2009 existed along Farmer's Ditch.</p>
Exit point or sediment track out:	<p><i>(e.g., aggregate stone with an underlying geotextile or non-woven filter fabric, or turf mats, wheel washing, rumble strips, plates, sweeping)</i></p> <p>Aggregate stone existed on shared access road at paved county road. No accumulated sediment was on county road on day of this inspection.</p>
Stockpiled sediment or soil:	<p><i>(e.g., berms, dikes, fiber rolls, silt fences, sandbag, gravel bags)</i></p> <p>A stockpile of finer grained fill material was located on the middle terrace separate from stormwater controls. The stockpile was set back from the middle terrace slope edge which had a berm. Stockpile was partially protected from wind. No erosional features were observed on stockpile.</p> <p><u>Comment:</u> Dirt had been dumped near the access road to the construction site. The on-site representative indicated that the dirt was not associated with the Flora Vista Hillside Estates #2 construction project.</p>
Minimize dust:	<p><i>(e.g., application of water or other dust suppression techniques)</i></p> <p>No substantial dust observed on day of this inspection.</p>
Steep slopes:	<p><i>(e.g., standard erosion and sediment control practices, phasing disturbances, stabilization practices)</i></p> <p>Steep slopes existed on site. It did not appear that new erosion rills or gullies had formed on the steep slope below the lower terrace above Farmer's Ditch. Rock cuts appeared to be stable. But, there were locations of run on and unconsolidated material (s) from higher adjacent property onto this tract. Material slides were observed on slopes on the upper terraces of this tract.</p>
Preserve topsoil:	<p><i>(e.g., stockpiling or transfer of topsoil to other locations)</i></p> <p>Preservation of topsoil of this existing project with disturbance prior to 2009 may not have been feasible (applicable).</p>
Soil compaction:	<p><i>(e.g., restrict vehicle / equipment use, soil conditioning techniques)</i></p> <p>There were no structural controls to restrict vehicle access on areas that were seeded.</p>

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Storm drain inlet protection:	<p><i>(e.g., fabric filters, sandbags, concrete blocks, gravel barriers)</i></p> <p>Not applicable.</p>
Conveyance channels:	<p><i>(e.g., erosion controls, and velocity dissipation check dams, sediment traps, riprap, or grouted riprap at outlets)</i></p> <p>Not applicable / No conveyance channels described in SWPPP and none observed.</p>
Sediment basin:	<p><i>(e.g., outlet structures that withdraw from the surface, stabilization, erosion controls, velocity dissipation, kept at least ½ design capacity)</i></p> <p>As described in the SWPPP, the sediment containment pond was to include straw bales and silt fence. No straw bales and silt fence observed.</p> <p>The shared access road culvert crossing had high riser pipe that would allow withdraw of water from the surface in case of flooding. The area around the standpipe appeared stabilized with vegetation and rock. No substantial accumulation of sediment was observed on the day of this inspection.</p>
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>Not applicable / No use of treatment chemicals described in SWPPP and none observed.</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>Not applicable / No dewatering described in SWPPP and none observed.</p>
Other erosion and sediment controls or practices:	<p><i>(Provide brief description)</i></p> <p>Terrace edges had low earth berms where excavated dirt from shallow trenches had been piled. The earth berms were not compacted, and did not have consistent height or width. In one area along the road cut to the middle terrace, the berm was low where water had ponded. Additional fill/maintenance of the berm appeared needed in this area to minimize the potential for rills and gullies to further form on the steep slope below.</p>

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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>It did not appear that recent erosional features (rills or gullies) had formed on the steep slope of the lower terrace above Farmers Ditch on the day of this inspection. Inspection/corrective action record keeping dated 08/01/2012 stated “seeded middle pads.” Seeding of other areas was not documented on record-keeping provided for review. Re-seeding and/or other control measures of the upper and middle terrace of this track appeared needed to stabilize disturbed areas.</p>
Are stabilization measures initiated immediately? N Are they completed within 14 days of construction cessation? 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>Not documented.</p>
Pollution Prevention Measures Part 2.3	
Fueling and maintenance of vehicles:	<p><i>(e.g., locating activities away from surface waters and stormwater inlets or conveyances, providing secondary containment (e.g., spill berms, decks, spill containment pallets) and cover where appropriate, and/or having spill kits readily available)</i></p> <p>No fueling or maintenance of vehicles observed on the day of this inspection. Two above-ground fuel storage tanks were stored on site. The permittee on-site representative stated that the fuel storage tanks were empty (not used). A lined pit, described by on-site permittee representative as the former location of fuel storage, was observed. A spill kit was located on site. Heavy equipment on the lower terrace leaked oil. Corrective action reports indicated repeated activities to clean up leaks by grader, and replace card board under equipment. Stains and oil was limited to the area around the equipment, but the leaked oil needed to be cleaned up.</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>Not applicable / No washing equipment & vehicles observed on the day of this inspection.</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>Not applicable / No washing observed on the day of this inspection.</p>
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>Not applicable / No storage, handling, disposal of construction materials, products and waste on the day of this inspection.</p>
	<p><i>Pesticides, herbicides, insecticides, fertilizers, and landscape materials:</i></p> <p>Not applicable / None observed</p>

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

Pollution Prevention Measures - Continued	
	<p><i>Diesel fuel, oil, hydraulic fluids, other petroleum products, and other chemicals:</i></p> <p>Inspection reports indicate removal of cardboard used to collect leaking oil from heavy equipment. Cardboard does not appear to provide containment from runoff. A few stains were observed on the ground surface.</p>
	<p><i>Hazardous or toxic waste (e.g., paints, solvents, petroleum-based products, wood preservatives, additives, curing compounds, acids):</i></p> <p>Not applicable / None observed</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>No windblown domestic trash was observed on the day of this inspection. Inspection/corrective action record-keeping indicated repeated activities to pick up trash left by others. Access to the tract, thru the shared access roads, was not controlled. Also, the site contained items (e.g., vacant mobile home, heavy equipment, empty drum, empty above-ground storage tanks, plastic liner, tire) that may attract illegal dumping by others. There was one pile that appeared to be construction trash. The permittee on-site representative indicated that the pile of plastic pipe, containers and other materials may be the property of the adjacent public water company. Additional controls or methods (e.g., recycling, removal, requesting owners to remove property, securing some equipment or materials, and/or proper disposal, etc.) appeared needed to make the tract less attractive to illegal dumping by others.</p>
	<p><i>Sanitary waste:</i></p> <p>A portable toilet was on site during this inspection. There were no construction staff on site. Inspection/corrective action record-keeping indicated repeated activities to maintain the toilet. The permittee on-site representative indicated that vandalism was a problem. The permittee on-site representative indicated that there was no current need to maintain a portable toilet on site for workers and called to have it removed on the day of this inspection.</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>Not applicable. No use of fertilizers described in SWPPP, and no fertilizer storage observed.</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>None observed.</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>None observed.</p>

Figures 1 and 2: General Site and Imagery Maps

Map created by: Erin Trujillo

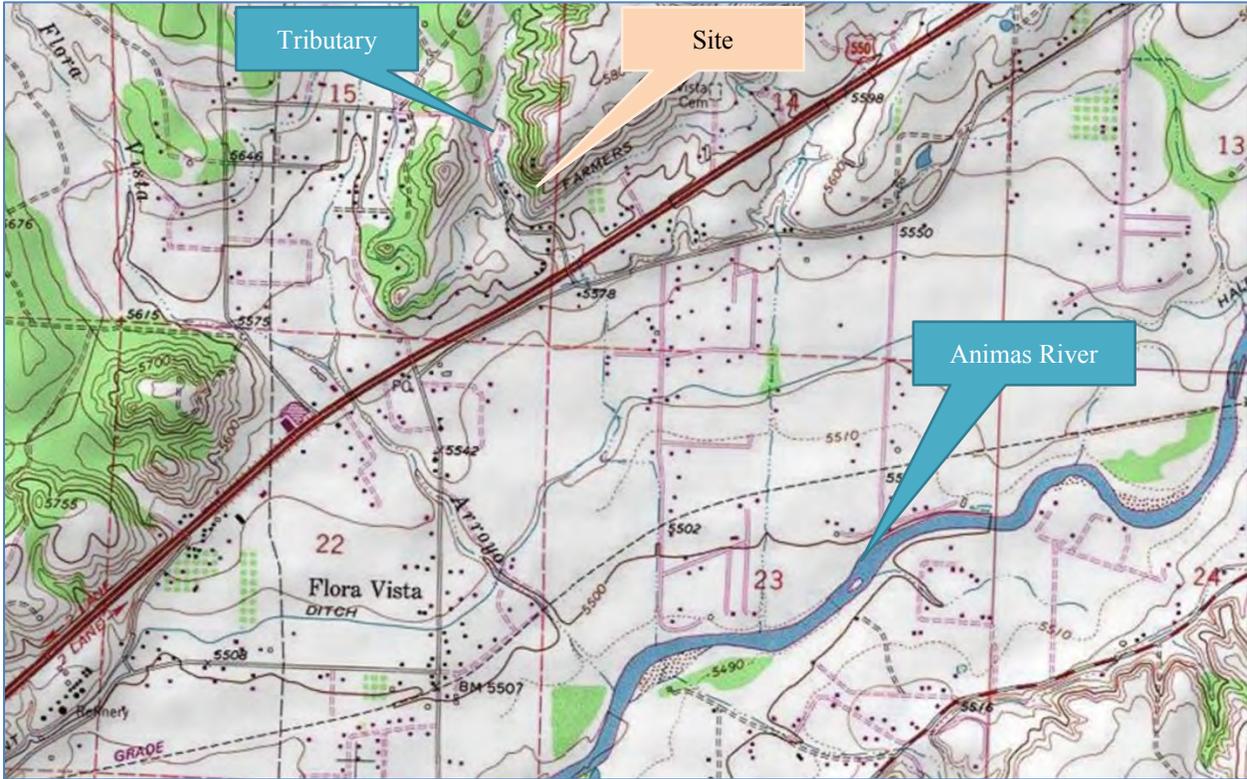
Scale 1:10,000

City/County: Flora Vista / San Juan County

State: New Mexico

Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237

Subject: Readily available topographic map shows an unnamed tributary along the adjacent county road. On the day of this inspection, evidence of a remaining watercourse (definite bed and bank) was not observed in the area described as a sediment containment pond and shared access road.



NMED/SWQB Official Photograph Log Photo # 1		
Photographer: Erin Trujillo	Date: 05/16/2013	Time: 1137 hours
City/County: Flora Vista / San Juan County		State: New Mexico
Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237		
Subject: Example of stains and oil on cardboard and below on site heavy equipment.		



NMED/SWQB Official Photograph Log Photo # 2		
Photographer: Erin Trujillo	Date: 05/16/2013	Time: 1142 hours
City/County: Flora Vista / San Juan County		State: New Mexico
Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237		
Subject: Example steep slope between lower and middle terraces. Portion of lower terrace is not stabilized. Limits of access (road) is not delineated.		



NMED/SWQB Official Photograph Log Photo # 3		
Photographer: Erin Trujillo	Date: 05/16/2013	Time: 1143 hours
City/County: Flora Vista / San Juan County		State: New Mexico
Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237		
Subject: Remaining plastic liner described as containment by permittee on-site representative. Abandoned tire in background		



NMED/SWQB Official Photograph Log Photo # 4		
Photographer: Erin Trujillo	Date: 05/16/2013	Time: 1144 hours
City/County: Flora Vista / San Juan County		State: New Mexico
Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237		
Subject: Vegetation on slope above Farmer's Ditch. Arrow points to low earth berm along edge of slope. Rills on this slope observed from below on CR 3450 did not appear to be active erosional features. Berm appeared to reduce runoff to this slope.		



NMED/SWQB Official Photograph Log Photo # 5		
Photographer: Erin Trujillo	Date: 05/16/2013	Time: 1157 hours
City/County: Flora Vista / San Juan County		State: New Mexico
Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237		
Subject: Arrow points to low earth berm on middle terrace. Photo shows status of vegetation on the lower (right) and middle (left) terrace.		



NMED/SWQB Official Photograph Log Photo # 6		
Photographer: Erin Trujillo	Date: 05/16/2013	Time: 1157 hours
City/County: Flora Vista / San Juan County		State: New Mexico
Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237		
Subject: Earth berm in this area was lower and needed maintenance to reduce erosion onto lower steep slope.		



NMED/SWQB Official Photograph Log Photo # 7		
Photographer: Erin Trujillo	Date: 05/16/2013	Time: 1201 hours
City/County: Flora Vista / San Juan County		State: New Mexico
Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237		
Subject: Stockpile of finer grained/fill material on middle terrace and status of vegetation.		



NMED/SWQB Official Photograph Log Photo # 8		
Photographer: Erin Trujillo	Date: 05/16/2013	Time: 1201 hours
City/County: Flora Vista / San Juan County		State: New Mexico
Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237		
Subject: Pile of construction materials (plastic buckets, PVC pipes, cable, plastic bags on middle terrace.		



NMED/SWQB
Official Photograph Log
Photo # 9

Photographer: Erin Trujillo	Date: 05/16/2013	Time: 1210 hours
City/County: Flora Vista / San Juan County	State: New Mexico	
Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237		
Subject: One of two shared access roads to terraces. Steep slopes between road and terrace. Equipment storage on upper terrace.		



NMED/SWQB Official Photograph Log Photo # 10		
Photographer: Erin Trujillo	Date: 05/16/2013	Time: 1210 hours
City/County: Flora Vista / San Juan County		State: New Mexico
Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237		
Subject: Arrow points to unconsolidated material between upper terraces. Fence at background is near tract property boundary.		



NMED/SWQB Official Photograph Log Photo # 11		
Photographer: Erin Trujillo	Date: 05/16/2013	Time: 1212 hours
City/County: Flora Vista / San Juan County		State: New Mexico
Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237		
Subject: Status of vegetation on top terrace.		



NMED/SWQB
Official Photograph Log
Photo # 12

Photographer: Erin Trujillo

Date: 05/16/2013

Time: 1214 hours

City/County: Flora Vista / San Juan County

State: New Mexico

Location: Double B & S LLC / Flora Vista Hillside Estates #2, NMR12A237

Subject: Example of unconsolidated material above upper terrace shown in previous photo. Fence at top of photo is at property boundary.

