SUSANA MARTINEZ
Governor
JOHN A. SANCHEZ
Lieutenant Governor

NEW MEXICO
ENVIRONMENT DEPARTMENT

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

Certified Mail - Return Receipt Requested

RYAN FLYNN
Cabinet Secretary
BUTCH TONGATE
Deputy Secretary

September 4, 2015

Michael T. Sanchez, President
Crescent Custom Homes, Inc.
P.O. Box 45091
Rio Rancho, NM 87174

Re: Crescent Custom Homes, Inc., 856 Calle David Santa Fe, NM 87507 (Lot 18 Ridge Canyon Subdivision); Construction Stormwater; NPDES Compliance Evaluation Inspection; NMU001901; August 11, 2015

Dear Mr. Sanchez,

Enclosed please find a copy of the report for the referenced inspection at construction sites that the New Mexico Environment Department (NMED) conducted 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.

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

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

Bruce Yurdin
New Mexico Environment Department
Surface Water Quality Bureau, Point Source Regulation Section (PSRS)
P.O. Box 5469
Santa Fe, New Mexico 87502

If you have any questions about this inspection report, please contact Erin Trujillo of PSRS staff at 505-827-0418 or at erin.trujillo@state.nm.us.

Sincerely,

/s/Bruce J. Yurdin

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

cc: Rashida Bowlin, USEPA (6EN-W) by e-mail
Racquel Douglas, USEPA (6EN-WM) by e-mail
Robert Italiano, NMED District II by e-mail
Carol Peters-Wagnon, USEPA (6EN-WM) by e-mail
Darlene Whittten-Hill (6EN-WC) 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 U 0 0 1 9 0 1 11	12 1 5 0 8 1 1 17	18 }	19 S 20	2

Remarks

C O N S T R U C T I O N - C O M M O N P L A N

Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved
67 69	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
Location at 856 Calle David Santa Fe, NM 87507 (Lot 18 Ridge Canyon Subdivision). Santa Fe County	~1445 hours / 08/11/2015	unpermitted 2012 CGP effective February 16, 2012
	Exit Time/Date ~1510 hours / 08/11/2015	Permit Expiration Date unpermitted 2012 CGP expires February 16, 2017

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)
No on-site representative on day of inspection / Not applicable

Name, Address of Responsible Official/Title/Phone and Fax Number
Michael T. Sanchez, President / Crescent Custom Homes, Inc., P.O. Box 45091, Rio Rancho, NM 87174 / 505-220-7507

Contacted: Yes [*] No [ ]

Other Facility Data
Approximate Entrance
Latitude 35.711649°
Longitude -105.951991°

SIC 1521 (Single Family House)

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**
N	**Records/Reports**	N	**Self-Monitoring Program**	N	**Sludge Handling/Disposal**	N	**Pollution Prevention**
U	**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)

1. A National Pollutant Discharge Elimination System (NPDES) Compliance Evaluation Inspection (CEI) was conducted at the above-referenced construction activity site from public right of way at the above-referenced approximately 1.7 acre lot in the common plan of development Ridge Canyon Subdivision.
2. Based on telephone conversations with the owner/operator representatives, a written Stormwater Pollution Prevention Plan (SWPPP) had not been completed (certified/signed) and neither operator submitted a Notice of Intent (NOI) to obtain permit coverage for stormwater discharges under the USEPA 2012 Construction General Permit (CGP) prior to disturbance or on the day of this CEI.
3. Separate EPA Form 3560 will be completed and sent to Monica A. Hardeman (owner/operator) and Crescent Custom Homes, Inc. (general contractor).
4. See attached further explanations and photo log.

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone/Fax	Date
Erin S. Trujillo */s/Erin S. Trujillo*	**NMED/SWQB/505-827-0418**	**08/31/2015**
Signature of Management QA Reviewer	**Agency/Office/Telephone/Fax**	**Date**
Sarah Holcomb */s/Sarah Holcomb*	**NMED/SWQB/505-827-2798**	**08/31/2015**

Single Family House Construction Activity
856 Calle David, Santa Fe, NM 87507 (Lot 18 Ridge Canyon Subdivision)
Monica A. Hardeman, NPDES Tracking No. NMU001902
Crescent Custom Homes, Inc., NPDES Tracking No. NMU001901

Compliance Evaluation Inspection
August 11, 2015

Further Explanations

Introduction

On August 11, 2015, Erin Trujillo of the New Mexico Environment Department (NMED) Surface Water Quality Bureau (SWQB) conducted a Compliance Evaluation Inspection (CEI) of the single-family house construction activity (disturbance) on a portion of the approximately 1.7 acre lot at 856 Calle David Santa Fe, New Mexico 87507, Lot 18 in Ridge Canyon Subdivision, in Santa Fe County, New Mexico. This inspection followed NMED SWQB's receipt of an inquiry on August 6, 2015 on the site's compliance with stormwater regulations, indicating that construction had begun and there were no stormwater controls.

The purpose of this inspection was to document the site or facility's status regarding the National Pollutant Discharge Elimination System (NPDES) storm water permit program and storm water regulations found at 40 Code of Federal Regulations (CFR) Section (§) 122.26. Stormwater discharges from construction activities (such as clearing, grading, excavating, and stockpiling) that disturb one or more acres, or smaller sites that are part of a larger common plan of development or sale, are regulated under USEPA's NPDES stormwater program. Prior to stormwater discharge, construction operators must obtain coverage under an NPDES permit per 40 CFR § 122.26.

Storm water discharges to the City of Santa Fe small Municipal Separate Storm Sewer System (sMS4) and on-site drainageways, thence approximately 0.5 miles to Cañada Rincon subject to unclassified Segment 20.6.4.98 NMAC (New Mexico Administrative Code), thence to an unnamed tributary (arroyo), thence to Santa Fe River approximately 1.5 miles south of the site in the Rio Grande Basin.

Upon arrival at the site at approximately 1445 hours on the day of the CEI, the inspector did not observe an owner/operator representative at the above-referenced construction activity (disturbance). There was no sign observed that indicated the operators of the construction activity had permit coverage under the USEPA 2012 CGP. Photos of the site were obtained from public rights of way. Contact names were obtained from an on-site City of Santa Fe sign. The inspector left the site at approximately 1510 hours on the day of this CEI. Following the CEI on August 13, 2015, the inspector contacted Ms. Monica A. Hardeman (owner/operator) and Mr. Michael T. Sanchez, President, Crescent Custom Homes, Inc., Rio Rancho, New Mexico, made introductions and explained the purpose of the inspection and provided preliminary findings of the inspection by telephone. Following the CEI, Monica Hardeman signed/certified/submitted an NOI for the above-referenced construction activity under the 2012 CGP on August 18, 2015.

This report is based on a review of the USEPA online notice of intent (eNOI) database query and available on-line information; review of files maintained by NMED; on-site observation by NMED personnel; and verbal information provided by the owner/operator representatives. Lot information was obtained from City of Santa Fe mapping available at http://www.santafenm.gov/gis. Corporation information was obtained from the on-line Office of the Secretary of the State, Business Services Division web site at https://portal.sos.state.nm.us/Corps/. Readily available precipitation data was obtained from Weather Underground at http://www.wunderground.com. Additional information was also obtained from Mr. Michael Farrell, Vice President, Superior Storm Water Services, Albuquerque, New Mexico, 505-433-3693/505-400-2866 on August 13, 2015.

Federal Clean Water Act and NPDES Requirements

Section 301 (a) of the Federal Water Pollution Control Act states *"Except as in compliance with this section and sections 302, 306, 307, 318, 402 and 404 of this Act, the discharge of any pollutant by any person shall be unlawful."*

40 CFR § 122.21(a) Duty to apply (1) states *"Any person who discharges or proposes to discharge pollutants …must submit a complete application to the Director in accordance with this section and part 124 of this chapter."*

Large construction activity is defined in 40 CFR Part 122.26(b)(14)(x) as "*Construction activity including clearing, grading and excavation, except operations that result in the disturbance of less than five acres of total land area. Construction activity also includes the disturbance of less than five acres of total land area that is a part of a larger common plan of development or sale if the larger common plan will ultimately disturb five acres or more."*

Beginning on March 10, 2003, 40 CFR § 122.26 (b)(15) states *"Storm water discharge associated with small construction activity means the discharge of storm water from: (i) Construction activities including clearing, grading, and excavating that result in land disturbance of equal to or greater than one acre and less than five acres. Small construction activity also includes the disturbance of less than one acre of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than one and less than five acres. Small construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the facility."*

USEPA Construction General Permit

USEPA Construction General Permit (CGP) was re-issued effective February 16, 2012 (Federal Register/Vol. 77, No. 40/Wednesday, February 29, 2012, pg. 12286) replacing the 2008 CGP which expired on February 15, 2012 which replaced the 2003 CGP. Construction operators intending to seek coverage under USEPA CGP must submit a Notice of Intent (NOI) certifying that they have met the permit's eligibility conditions and that they will comply with the permit's effluent limits and other requirements. Permit coverage is required from the "commencement of earth-disturbing activities" until "final stabilization" (see Appendix A Definitions and Part 2.2 of the 2012 CGP). Part 1.4 of the 2012 CGP states, *"…if you have not previously obtained coverage under an NPDES permit, you must submit your NOI immediately."*

A site-specific storm water pollution prevention plan (SWPPP) is required to be completed prior to submitting a NOI. Among other things, the 2012 CGP requires compliance with effluent limits and other permit requirements, such as the development of a SWPPP, inspection, maintenance, and corrective action. Part 2 of the 2012 CGP (effluent limitations applicable to all discharges from construction sites and/or from construction support activities) includes the following types of requirements: erosion and sediment control requirements (Part 2.1), stabilization requirements (Part 2.2), and pollution prevention requirements (Part 2.3).

Appendix A (Definitions) of the 2012 CGP states:

> *"Earth-Disturbing Activity" or "Land-Disturbing Activity" – actions taken to alter the existing vegetation and/or underlying soil of a site, such as clearing, grading, site preparation (e.g., excavating, cutting, and filling), soil compaction, and movement and stockpiling of top soils.*
>
> *"Final Stabilization" – on areas not covered by permanent structures, either (1) vegetation has been established, or for arid or semi-arid areas, will be established that provides a uniform (e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70 percent of the natural background vegetative cover, or (2) non-vegetative stabilization methods have been implemented to provide effective cover for exposed portions of the site.*

"Operator" – for the purpose of this permit and in the context of stormwater discharges associated with construction activity, any party associated with a construction project that meets either of the following two criteria: 1. The party has operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or 2. The party has day-to-day operational control of those activities at a project that are necessary to ensure compliance with the permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the permit). This definition is provided to inform permittees of EPA's interpretation of how the regulatory definitions of "owner or operator" and "facility or activity" are applied to discharges of stormwater associated with construction activity.

"Site" – for construction activities, the land or water area where earth-disturbing activities take place, including construction support activities.

"Temporary Stabilization" – a condition where exposed soils or disturbed areas are provided a temporary vegetative and/or non-vegetative protective cover to prevent erosion and sediment loss. Temporary stabilization may include temporary seeding, geotextiles, mulches, and other techniques to reduce or eliminate erosion until either final stabilization can be achieved or until further construction activities take place to re-disturb this area.

USEPA Guidance

More information on the CGP, electronic NOI system and SWPPP guidance is available at http://cfpub.epa.gov/npdes/stormwater/cgp.cfm#final2012cgp.

USEPA 2003 CGP Fact Sheet at http://water.epa.gov/polwaste/npdes/stormwater/upload/cgp2003_fs.pdf states:

"Common plan" is broadly defined as any announcement or piece of documentation (including a sign, public notice or hearing, sales pitch, advertisement, drawing, permit application, zoning request, computer design, etc.) or physical demarcation (including boundary signs, lot stakes, surveyor markings, etc.) indicating construction activities may occur on a specific plot.

Available Precipitation Information

The on-site sign for the City of Santa Fe Notice of Construction Permit indicated a date of July 16, 2015. Between July 16, 2015 and the day of this CEI, the following precipitation was recorded at weather station KNMSANTA52, North Hills, Santa Fe, NM (Latitude 35.700°, Longitude -105.944°, Elevation 7080 feet), approximately one mile southeast of the site:

Date	Recorded Precipitation (inches)
2015-07-20	0.53
2015-07-29	0.64
2015-07-31	0.52
2015-08-01	0.37
2015-08-10	0.21

Findings

Monica A. Hardeman, a property owner building a single-family house, may meet one or both of the definitions of "operator" for construction activity (earth-disturbing or land-disturbing activity) in a common plan of development. Ms. Hardeman had not prepared or completed a SWPPP in written form and had not submitted a NOI to obtain permit coverage for stormwater discharges under the USEPA 2012 CGP on the day of this CEI.

Crescent Custom Homes, Inc., general contractor, with a date of incorporation of August 22, 2002 in the State of New Mexico, may meet the definition of "Operator" for construction activity in a common plan of development.

Crescent Custom Homes, Inc. had not prepared or completed a SWPPP in written form and had not submitted a NOI to obtain permit coverage for stormwater discharges under the USEPA 2012 CGP on the day of this CEI.

Vegetation and underlying soil was disturbed (cleared) on portions of the site in the area of a soil stockpile and driveway entrance. No sediment or erosion control measures were observed at the soil stockpile from the public right of way. Cobble-size rock at the driveway entrance appeared to provide some sediment and erosion control; but, accumulated sediment in the rock and street at the entrance indicated that periodic inspection and maintenance (e.g., sweeping, re-installation, etc.) may be needed.

According to Mr. Farrell, Superior Storm Water Services, Albuquerque, New Mexico had been hired by Ms. Hardeman to prepare a SWPPP. Mr. Farrell indicated that the document was in progress. Mr. Farrell and Mr. Sanchez indicated that no sediment or erosion control measures had been installed for the on-site soil stockpile. There was no stabilization to reduce or eliminate erosion until further construction activities take place to re-disturb the stockpile.

A request for the date of initial disturbance, including the date that soil was stockpiled at the site, was requested from Mr. Farrell and Mr. Sanchez following this CEI, but the date(s) have not been received as of the writing of this report.

NMED/SWQB Official Photograph Log Photo # 1		
Photographer: Erin S. Trujillo	Date: 08/11/2015	Time: 1450 hours
City/County: Santa Fe / Santa Fe County		State: New Mexico
Location: 856 Calle David Santa Fe, NM 87507 (Lot 18 Ridge Canyon Subdivision), Santa Fe, New Mexico		
Subject: Sign for City of Santa Fe Notice of Construction Permit dated 7-16-15		

NMED/SWQB Official Photograph Log Photo # 2		
Photographer: Erin S. Trujillo	Date: 08/11/2015	Time: 1451 hours
City/County: Santa Fe / Santa Fe County		State: New Mexico
Location: 856 Calle David Santa Fe, NM 87507 (Lot 18 Ridge Canyon Subdivision)		
Subject: Looking generally west-southwest at accumulated soil and mulch on Calle David at the site entrance (site entrance also shown in next photo). Arrows point to drop inlets of culvert crossing for drainageway along Camino Francisca (street at intersection in background).		

NMED/SWQB Official Photograph Log Photo # 3		
Photographer: Erin S. Trujillo	Date: 08/11/2015	Time: 1452 hours
City/County: Santa Fe / Santa Fe County		State: New Mexico
Location: 856 Calle David Santa Fe, NM 87507 (Lot 18 Ridge Canyon Subdivision)		
Subject: Looking generally south from construction site entrance on Calle David at on-site disturbed soils in foreground and soil stockpile in background. Cobble rock had some accumulated soil at entrance.		

NMED/SWQB Official Photograph Log Photo # 4		
Photographer: Erin S. Trujillo	Date: 08/11/2015	Time: 1453 hours
City/County: Santa Fe / Santa Fe County		State: New Mexico
Location: 856 Calle David Santa Fe, NM 87507 (Lot 18 Ridge Canyon Subdivision)		
Subject: Looking generally south from Calle David, drainageway was down gradient of the disturbance at the site entrance.		

NMED/SWQB Official Photograph Log Photo # 5		
Photographer: Erin S. Trujillo	Date: 08/11/2015	Time: 1502 hours
City/County: Santa Fe / Santa Fe County		State: New Mexico
Location: 856 Calle David Santa Fe, NM 87507 (Lot 18 Ridge Canyon Subdivision)		
Subject: Looking generally north-east from Calle David and west corner of the site, arrows point to on-site soil stockpile and disturbance. In foreground of photo (near the drop inlets in Calle David shown in Photo #2), a culvert outlet existed at the on-site drainageway along Camino Francisca.		

Attachment

Operator Response

Erin

RECEIVED
BY OCT 01 2015
SURFACE WATER
QUALITY BUREAU

SUPERIOR
StormWater Services, LLC

8505 Paseo Alameda NE
Albuquerque, NM 87113
P: 505-433-3693 F: 505-433-3697
www.superiorstormwater.com

September 30th, 2015

To whom it may concern,

This letter is in response to the inspection that was conducted at 856 Calle David Santa Fe, NM 87507 (Lot 18 Ridge Canyon Subdivision) Santa Fe County on 08/11/2015 by Erin Trujillo with the NMED.

Below is the sequence of events and the steps that were taken and are still being taken to ensure NPDES compliance moving forward with this site:

08/3/2015: Harolds Grading starts clearing and grubbing the site to prep for construction.

08/05/2015: The site was visited by Charlie Gonzalez, Project Manager for Design Enginuity, LLC. Mr Gonzales talked to the on site representative for Harolds Grading and let him know that he needed to have a storm water pollution prevention plan, a stabilized construction entrance and a posting sign. John stopped work immediately and contacted Michael Sanchez with Crescent Custom Homes, LLC, who is the contractor that is building the residence.

08/06/2015: John with Harolds Grading installed the stabilized construction entrance. Michael Sanchez contacted Michael Farrell at Superior StormWater Services, LLC to discuss what was needed for this site. Michael advised that they stop work immediately until all the proper documentation was filed and the site was in compliance with all local, state and federal guidelines. Michael Sanchez agreed and ceased all operations at the site until he talked to the owner of the property and let them know what was required.

08/07/2015: Michael Farrell with Superior StormWater Services, LLC spoke with the owner, Monica Hardeman and she agreed to hire us to prepare the storm water pollution prevention plan, prepare the NOI and start conducting the site inspections.

08/11/2015: Erin Trujillo of the NMED performed the compliance evaluation inspection.

08/13/2015: Erin Trujillo spoke with Michal Farrell of Superior StormWater Services, LLC about the inspection and Michael Farrell let Erin Trujillo that he had already been contacted by Monica Hardeman and Michael Sanchez about preparing the storm water pollution prevention plan, NOI and inspections.

08/14/2015: David Tull, PE with Superior StormWater Services, LLC completes the storm water pollution prevention plan.

08/18/2015: Tim Slatunas with Superior StormWater Services, LLC prepared the NOI for Monica Hardeman and Crescent Custom Homes, LLC. Monica Hardeman certifies the NOI.

09/01/2015: Harolds Gradiing picked up 150 LF of filter sock to install at the site per the storm water pollution prevention plan.

09/03/2015: Harolds Grading resumes clearing and grubbing at the site.

09/09/2015: Kathleen Leiting, CPESC-IT, CESSWI, CISEC with Superior StormWater Services, LLC conducts the first site inspection.

09/30/2015: Michael Sanchez certifies his NOI for Crescent Custom Homes, LLC.

Best Management Practices that have been implemented:

- Maintain the stabilized construction entrance to minimize sediment to be tracked out onto Calle David.
- Sweep Calle David as necessary to make sure that Calle David is free of any sediment discharging from the site.
- Conduct the required inspections per the CGP.
- Installed erosion and sediment controls based on the BMP plan provided in the SWPPP and make adjustments based on site conditions and inspection reports.
- On site representative conduct daily visual site inspections to make sure there are no issues or causes of non compliance issues.
- Complete all corrective actions in accordance with the time frames out lined in the CGP.
- Provide information to all trades that might have an impact on NPDES related issues and make sure they adhering to the storm water pollution prevention plan.

Monica Hardeman has hired Superior StormWater Services, LLC to perform the site inspections every 14 days and as a consultant to advise her on making sure that her construction site stays in compliance until she meets all NOT filing requirements.

Attached to this email is the initial inspection performed by Superior StormWater Services, LLC, site map and the active NOI for Monica Hardeman. An electronic copy of the SWPPP can be emailed if needed. If there is any additional information needed please feel free to contact us via phone at 505-353-2558 or via email at tim@superiorstormwater.com.

Thank you,

Tim Slatunas CESSWI, CISEC
President
Superior StormWater Services, LLC

NPDES FORM 3510-9	EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER AN NPDES GENERAL PERMIT	Form Approved. OMB Nos. 2040-0004

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

I. Approval to Use Paper NOI Form

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

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

Reason for using paper form:

Name of EPA staff person:

Date approval obtained:

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

II. Permit Information: Tracking Number (EPA Use Only) NMR12B977

Permit Number: NMR120000 (see Appendix B of the CGP for the list of eligible permit numbers)

III. Operator Information

Name: Peter Wanco and Monica Hardeman

Phone: (505) 795-9133 Fax (Optional):

Email: monica.hardeman@gmail.com

IRS Employer Identification Number (EIN):

Point of Contact (First Name, Middle Initial, Last Name): Peter Wanco

Mailing Address:

Street: 1333 Avenida Rincon

City: Santa Fe State: NM Zip: 87506

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

Prepared by (First Name, Middle Initial, Last Name): Tim Slatunas

Organization: SUPERIOR STORMWATER SERVICES LLC

Phone: (505) 353-2558 Fax (Optional):

E-mail: tim@superiorstormwater.com

IV. Project/Site Information

Project/Site Name: Lot 18 Ridge Canyon Subdivision

Project/Site Address:

Street/Location: 856 Calle David

City: Santa Fe State: NM Zip: 87506

County or similar government subdivision: Santa Fe

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

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

Latitude 1.		N(degrees, minutes, seconds)	Longitude 1.		W(degrees, minutes, seconds)
2.		N(degrees, minutes, decimal)	2.		W(degrees, minutes, decimal)
3.	35.7114	N(degrees, decimals)	3.	105.9525	W(degrees, decimals)

Latitude/Longitude Data Source: ☐ U.S.G.S topographical map ☐ EPA Web Site ☐ GPS ☑ Other: Google Earth

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

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

Is your project located in Indian Country lands? ☐ Yes ☑ No

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

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

Estimated Project Start Date: 08/25/2015 Estimated Project Completion Date: 12/30/2015

Estimated Area to be Disturbed (to the nearest quarter acre): 1.0

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

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

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

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

V. Discharge Information

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

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

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

Surface water(s) to which discharge	Impaired Water	Listed Water Pollutant(s)	Tier 2, 2.5 or 3	Source	TMDL Name and Pollutant
Santa Fe River	Yes	POLYCHLORINATED BIPHENYLS (PCBS)	Yes	NMED Website	

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

VI. Chemical Treatment Information

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

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

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

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

Please indicate the treatment chemicals that you will use:

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

VII. Stormwater Pollution Prevention Plan (SWPPP) Information

Has the SWPPP been prepared in advance of filing this NOI? ☑ Yes ☐ No

SWPPP Contact Information:

First Name, Middle Initial, Last Name: Monica Hardeman

Organization: Home Owner

Phone: (505) 795-9133 Fax (Optional):

E-mail:

VIII. Endangered Species Protection

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

☐ A ☐ B ☑ C ☐ D ☐ E ☐ F

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

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

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

What federally-listed species or federally-designated critical habitat are located in your "action area": Santa Fe River

What is the distance between your site and the listed species or critical habitat (miles): ~1.8 Miles to the south

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

IX. Historic Preservation

Is your project/site located on a property of religious or cultural significance to an Indian tribe? ☐ Yes ☑ No

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

Are you installing any stormwater controls as described in Appendix E that require subsurface earth disturbance? (Appendix E, Step 1) ☑ Yes ☐ No

If yes, have prior surveys or evaluations conducted on the site have already determined historic properties do not exist, or that prior disturbances have precluded the existence of historic properties? (Appendix E, Step 2) ☑ Yes ☐ No

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

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

If yes, describe the nature of their response:

☐	Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions.
☐	No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater controls.
☐	Other: ____

X. Certification Information

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

First Name, Middle Initial, Last Name: Monica Hardeman

Title: Home Owner

Signature:

Date: Wednesday, August 19, 2015

E-mail: monica.hardeman@gmail.com

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

Storm Water Compliance Inspection Form

Inspection Type: Initial

Date: 09/09/2015 Time: 12:00pm Permit Tracking #: NMR12B353

Inspector Name: Kathleen Leiting Qualifications: CESSWI, CISEC, CPESC-IT

Current Weather Conditions: partly cloudy, breezy

Date and Amount of Last Recordable Storm Event: N/A

Construction Time Line:

Action	Start Date	Date Complete
Initial BMP Installation	9/3/15	
Clearing and Grubbing	8/16/15	
Utility Installation		
Curbing		
Paving		
Construction of Structure		
Final Stabilization		

Site Walk:

Question	Yes	No	N/A	Comment
Is there a proper posting sign?		X		
Are there signs of pollutants leaving the site?		X		
Are all materials stored properly?	X			
Were all outfalls inspected?	X			
Are there signs of a recent discharge?		X		
Have all areas disturbed areas not under construction been properly stabilized?	X			Existing vegetation maintained
Is construction trash and other debris managed properly?	X			
Are all concrete and paint washouts properly marked and maintained?			X	None needed at this time
Has there been a non storm water discharge?		X		

BMP's:

Question	Yes	No	N/A	Comments
Were all BMP's Inspected?	X			
Are there any BMP's in need of repair?	X			Rock pad
Are current BMP's effective?	X			
Are additional BMP's needed?	X			See CAL
Were previous corrections made prior to this inspection?			X	Initial inspection

SWPPP Information:

Question	Yes	No	N/A	Comments
Is the SWPPP kept on site?		X		Kept with inspector Kathleen Leiting 505-314-6962
Was the SWPPP updated at the time of the inspection?	X			
Are all certification pages signed?		X		See notes
Are inspector qualifications in the SWPPP?	X			
Is there a copy of the NOI and acknowledgement letter?	X			
Is there a delegation letter in the SWPPP?	X			
Was the last inspection/CAL certified?			X	Initial inspection

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

Owner:_____
Name Signature Date

Operator: _____
Name Signature Date

Additional Comments:

The site contact is Mike Sanchez at Crescent Custom Homes (505) 220-7507, homeowner is Monica Hardeman (505) 795-9133. The NMED filed a report after a visit to the site on August 11, 2015. A copy of this report is available in the SWPPP book under Section 5. (An electronic copy of the report as well as the SWPPP is available through a request made to kathleen@superiorstormwater.com) I called and spoke to both Mike and Monica. I spoke to Harold Dominguez of Harold's Grading (505) 867-2753 on site (dirtwork contractor) and found that he had begun work on the site on Sep 3. He is in the process of digging the foundation. There is a stock pile on site that is watered at least once or twice a week (was watered today) and he plans to dig the hole another 2 feet lower this week. I spoke to his son Jonathon on the phone who told me they began clearing and grubbing on August 16, 2015. I couldn't determine the date when the rock pad was installed. Mulch sock is installed along the west side at the base of the active area. The site drains south into an existing drainage area filled with natural vegetation. An existing drainage ditch is along the east side with a small riprap of rocks on the northeast corner. A residence is to the east of the site. An existing retaining wall is in place on the south side along Camino Francisco, above the existing drainage area. Two inlets drain into this area: one on Calle David downhill from the entrance and one to the west that goes under the roadway. Both lead to existing culverts in the drainage area.

Street was swept at the time of inspection. There is existing natural vegetation surrounding the site and within the perimeter. Harold said the only place to be disturbed is the center where the house will be. We spoke about adding additional BMP to the south of the rock pad as well as keeping an eye on the height of the stockpile and the existing drainage on the east side near the residence. The site has plans for more retaining wall on the middle west and middle east portions of the site. Harold plans on adding a temporary rock berm along the mulch sock for additional protection to the drainage area. I will scan and email a copy of the signature forms to both the owner and operator for signatures.

SUPERIOR
StormWater Services, LLC

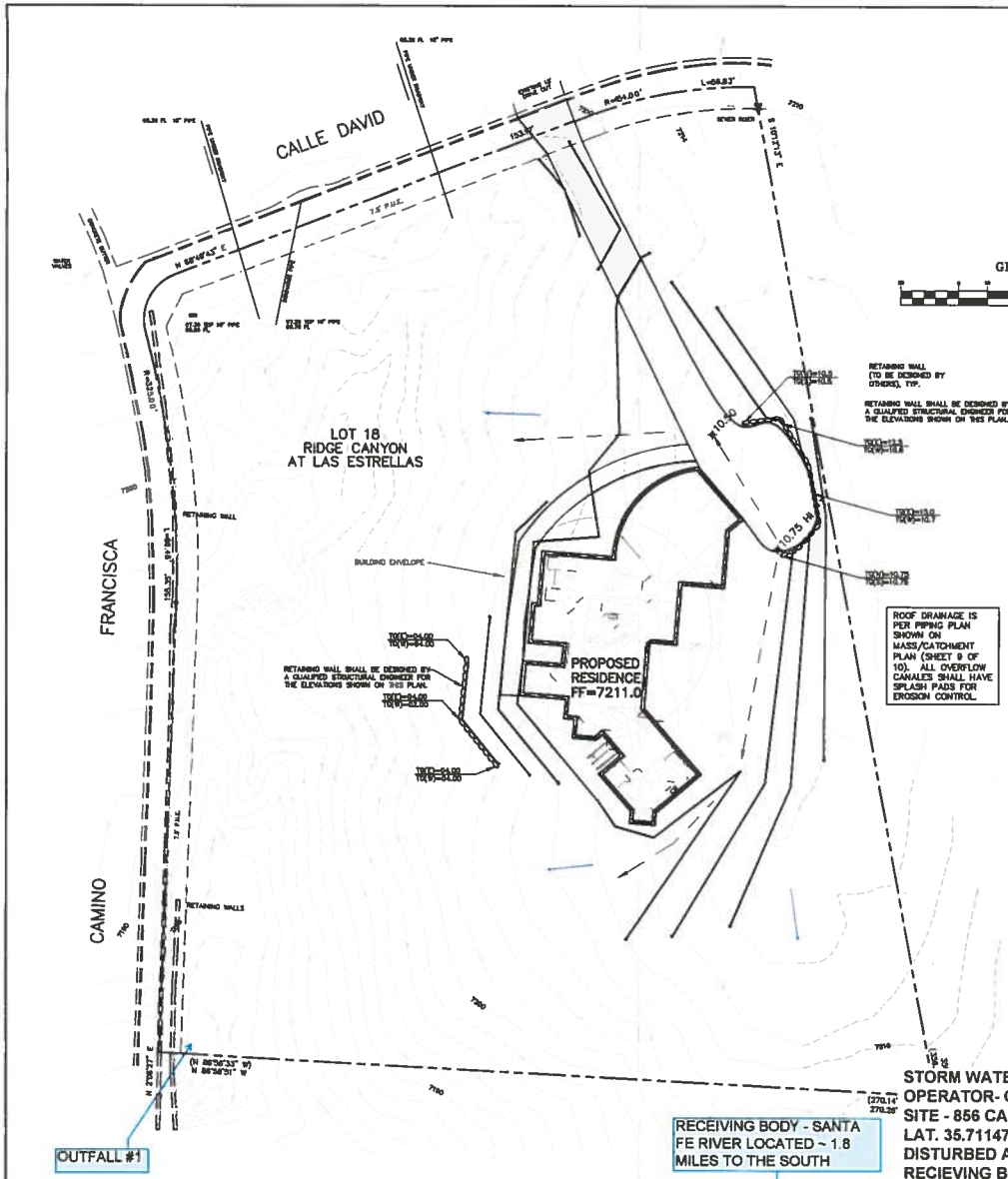
Corrective Action Log
Kathleen Leiting 505-314-6962

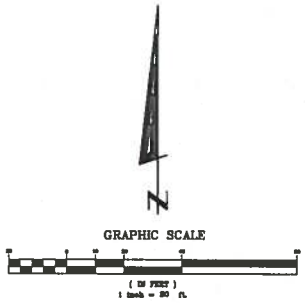
Location	Corrective action needed	Date and time noted	Date Completed	Initials
Calle David	Protect the storm inlet.	09/09/2015 12:00pm		
South side of the rock pad	Install an appropriate BMP on the edge of the pad to minimize sediment loss into the drainage.	09/09/2015 12:00pm		

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

Owner: _____
Name Signature Date

Operator: _____
Name Signature Date





FEMA FLOODWAY MAP PANEL #404

VICINITY MAP

22-Oct-14

Calculations - Total Basin

Calculations are based on "Section 22.2 Hydrology of the Development Process Manual, Volume 2, Design Criteria for the City of Albuquerque, New Mexico, basins < 40 acres".

Precipitation Zone = 4

Depth at 100-year, 6-hour storm, (Table A-2) P(360) = 2.90 inches

P(10 day) = 5.55 inches

Land Treatments:

Areas (acres)	Existing	Proposed
Treatment A	1.72	1.42
Treatment B	0.00	0.05
Treatment C	0.00	0.12
Treatment D	0.00	0.13
Total (acres) =	1.72	1.72

Volume	100 year Existing	100 year Proposed	10 year Existing	10 year Proposed	2 year Existing	2 year Proposed
Volume (acre-feet) =	0.11	0.14	0.04	0.06	0.00	0.02
Volume (cubic feet) =	4,995	6,291	1,749	2,642	125	717

Total Q(p) cfs	100 year Existing Q'p/'A	100 year Proposed Q'p/'A	10 year Existing Q'p/'A	10 year Proposed Q'p/'A	2 year Existing Q'p/'A	2 year Proposed Q'p/'A
Treatment A	3.73	3.12	1.96	1.24	0.07	0.07
Treatment B	0.00	0.15	0.00	0.07	0.00	0.02
Treatment C	0.00	0.46	0.00	0.27	0.00	0.12
Treatment D	0.00	0.69	0.00	0.46	0.00	0.23
Total Q (cfs) =	3.73	4.42	1.96	2.04	0.07	0.45

DRAINAGE PLAN

SCOPE:

Pursuant to the City of Santa Fe standards, the Drainage Plan shown hereon outlines the drainage management criteria for controlling developed runoff on and exiting the project site. One single family home is proposed for the subject property, with associated access, landscaping, and utility improvements.

EXISTING CONDITIONS:

Presently, the 1.72 acre site is undeveloped. The site is bounded on the east and south by private property, on the north by Calle David Road, and on the west by Camino Francisca Road. The site well vegetated and slopes from the east to the west with an average slope of 15 percent. As shown on FEMA Panel #404 the site is not located in a 100 year flood plain. This plan follows the approved Plat and Development Plan for the Ridge Canyon Subdivision which states that "no on-lot ponding is required". There are regional pond, therefore, this development is not required to hold/detain any storm water runoff due to development of the property.

PROPOSED CONDITIONS:

LEGEND

	EXISTING	PROPOSED
CONTOUR	6945	6945
PROPERTY LINE		
ROAD		
SETBACK		
WALL		
SPOT ELEVATION		

SWPPP LEGEND

DISTURBED / PERMITTED AREA

PERIMETER BMP

SANITARY TOILETS (TBD)

DUMPSTER (TBD)

VTC (TBD)

CWA (TBD)

FLOW DIRECTION (AS INDICATED ON PLANS BY CONTOURS)

MATERIAL STORAGE / STAGING AREA (TBD)

MAINTAIN EXISTING VEGETATION - BUFFER BMP

STANDARD GRADING NOTE: THE MAXIMUM GRADED SIDE SLOPE SHALL NOT EXCEED 3 FEET (HORIZONTALLY) TO 1 FOOT (VERTICALLY). AREAS DISTURBED BY GRADING WHICH WILL NOT BE TREATED WITH LANDSCAPING SHALL BE SEEDED.

STORM WATER POLLUTION PREVENTION PLAN - LOT 18 RIDGE CANYON SUBDIVISION
OPERATOR- CRESCENT CUSTOM HOMES
SITE - 856 CALLE DAVID SANTA FE NM SANTA FE COUNTY
LAT. 35.711477° LONG. -105.952555°
DISTURBED AREA = ~1.0 ACRES, PERMITTED AREA ~1.0 ACRES
RECIEVING BODY OF WATER = SANTA FE RIVER LOCATED ~ 1.8 MILE TO THE SOUTH. THE BODY IS 303(b)(d) LISTED AT THIS LOCATION.
SEE APPENDIX K OF THE SWPPP
MS4 OPERATOR - CITY OF SANTA FE
CT, CWA, DUMPSTERS, SANITARY TOILETS, INLET PROTECTION, MATERIAL STORAGE AREAS AND ANY OFFSITE BORROW OR WASTE SITES TO BE DETERMINED IN THE FIELD AND INDICATED ON THE PLANS.
SITE SLOPES AS INDICATED ON THE PLANS.

SUPERIOR StormWater Services, LLC

SANTA FE COUNTY NEW MEXICO

LOT 18
RIDGE CANYON SUBDIVISION
856 CALLE DAVID

WANCO CUSTOM HOME – GRADING & DRAINAGE PLAN

McDowell Engineering, Inc.
7820 BEVERLY HILLS AVE. NE • ALBUQUERQUE, NM 87122
TEL: 505-828-2430 • FAX: 505-821-4857

Designed	Drawn	Checked	Sheet	of
JSM	STAFF	JSM	1	1
File WAN0113L	Date OCTOBER,2013			

GRADING
10-11-13
1=20
WAN0113L