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ENVIRONMENT DEPARTMENT

*Surface Water Quality Bureau*

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DAVE MARKLIN  
Secretary

BUTCH TONGATE  
Deputy Secretary

February 27, 2012

Mr. Harry Burgess  
Los Alamos County Administrator  
133 Central Park Square  
Los Alamos, New Mexico 87544

**RE: Construction Storm Water; SIC 1611; NPDES Compliance Evaluation Inspection; White Rock Visitor Center; NMR10HN55; February 21, 2012**

Dear Mr. Burgess:

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

Problems noted during this inspection are discussed in the Further Explanations section of the inspection report. You are encouraged to review the inspection report; and required to correct any problems noted during the inspection and to modify your operational and/or administrative procedures, as appropriate. Further, you are encouraged to notify in writing, both USEPA and NMED regarding modifications and compliance schedules.

If you have any questions, please feel free to contact me at the above address or by telephone at (505) 827-2575.

Sincerely,

*/s/Daniel Valenta*

Daniel Valenta  
Surface Water Quality Bureau

CC: Marcia Gail Adams, EPA, Enforcement Section by e-mail  
Carol Peters-Wagnon, EPA by e-mail  
Diana McDonald, EPA by e-mail  
Samual Tate, EPA, by e-mail  
Darlene Whitten-Hill, EPA, by e-mail  
NMED District II 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	0	H	N	5	5	11	12	1	2	0	2	2	1	17	18	}	19	S	20	2
Remarks																								
C O N S T R U C T I O N > 1 A C R E																								
Inspection Work Days						Facility Evaluation Rating						BI		QA		-----Reserved-----								
67						70						71		72		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)  <b>White Rock Visitor Center, B115 NM-4, Los Alamos, New Mexico, 87544</b>  <b>Los Alamos County</b>	Entry Time /Date <b>1028 hours/2-21-2012</b>	Permit Effective Date <b>9-29-2008</b>
	Exit Time/Date <b>1312 hours/2-21-2012</b>	Permit Expiration Date <b>2-15-2012</b>
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)  <b>Mr. Dana Neice /Project Superintendent/ 505-480-4439</b> <b>Mr. Victor Martinez/ Los Alamos County Project Manager/505-662-8116</b>	Other Facility Data  <b>GPS:</b> <b>N. 35° 49' 39.93"</b> <b>W. -106° 12' 40.42"</b>  <b>SIC: 1611</b>	
Name, Address of Responsible Official/Title/Phone and Fax Number  <b>Mr. Harry Burgess, 133 Central Park Square, Los Alamos, New Mexico 87544/ Los Alamos County Administrator/505-663-1750/fax 505-662-8079</b>	Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

#### Section C: Areas Evaluated During Inspection

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

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

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

- Inspector arrived on site at 1028 hours on 2/21/2012, the inspector conducted an entrance interview with Mr. Dana Neice where he presented his credentials and explained the purpose of the inspection. An exit interview to discuss the preliminary finding of the inspection was conducted with Mr. Neice and Mr. Martinez at approximately 1210 hours on 2/21/2012 at the construction site.
- This report is based on review of files maintained by the permittee and NMED, on site observation by NMED personal and verbal information provided by the facility's representative.

Name(s) and Signature(s) of Inspector(s)  <b>Daniel Valenta /s/Daniel Valenta</b>	Agency/Office/Telephone/Fax  <b>NMED/SWQB 505-827-2575</b>	Date  <b>2/27/2012</b>
Signature of Management QA Reviewer  <b>Richard Powell /s/Richard Powell</b>	Agency/Office/Phone and Fax Numbers  <b>NMED/SWQB 505-827-2798</b>	Date  <b>2/27/2012</b>

## NPDES Industrial Storm Water Worksheet (Construction)

National Database Information		General	
Inspection Type	Compliance Evaluation	Inspector Name	Daniel Valenta
NPDES ID Number	NMR10HN55/NMR10HK75	Telephone	(505) 827-2575
Inspection Date	2/21/2012	Entry Time	1028
Inspector Type <i>(circle one)</i>	EPA <input type="checkbox"/> State      EPA Oversight	Exit Time	1312
Facility Type <i>(circle one)</i>	Commercial /Industrial   Residential <input type="checkbox"/> Municipal	Signature	

Facility Location Information					
Name/Location/ Mailing Address	White Rock Visitor Center, B115 NM-4, Los Alamos, New Mexico 87544				
GPS Coordinates	Latitude	N. 35° 49' 39.93"	Longitude	W. -106° 12' 40.42"	
Receiving Water(s)	Canada Del Buey and thence to the Rio Grande				
Disturbed Area	5.5 acres	Start Date	11/10/2011	Stop Date	8/1/2012

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator	Owner/Developer: County of Los Alamos General Contractor: Gerald Martin	(505)663-1750 (505) 828-1144
Facility Contact	Mr. Dana Neice: Project Superintendent	(505) 480-4439
Authorized Official(s)	Harry Burgess: County Administrator Victoria Martin: Company President and CEO	(505)663-1750 (505) 828-1144

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

## NPDES Industrial Storm Water Worksheet (Construction)

Basic Permit Information			Basic SWPPP Information		
Permit Coverage <i>ESO Element 3 &amp; 4</i>	<input checked="" type="checkbox"/> Y	N	SWPPP Prepared & Available <i>ESO Element 5 &amp; 30</i>	<input checked="" type="checkbox"/> Y	N
Permit Type	General	Individual	SWPPP Contents Satisfactory <i>ESO Elements 5 - 31</i>	Y	<input type="checkbox"/> N
Permit notice/sign visibly posted including: copy of NOI, contact name & phone number, location of SWPPP <i>ESO Element 41</i>	Y	<input type="checkbox"/> N	SWPPP Implementation Satisfactory <i>ESO Elements 32 - 48</i>	Y	<input type="checkbox"/> N
NOI Date	11/4/11-GM 1/27/12-LA		SWPPP Date	11/1/2011	
If applicable, is waiver certification & approval on file?	Y	N	<i>Intentionally left blank</i>		

<b>SWPPP Review</b> <i>(can be completed in office)</i>			
General	Notes:		
Is there a SWPPP? <i>ESO Element 5</i>	<input checked="" type="checkbox"/> Y	N	
SWPPP completed prior to NOI submission? <i>ESO Element 6</i>	<input checked="" type="checkbox"/> Y	N	SWPPP signed on 11/3/2011 NOI signed on 11/4/2011
Copy of permit language? <i>ESO Element 25</i>	<input checked="" type="checkbox"/> Y	N	
Is SWPPP consistent with state/tribal/local regulations and permits? <i>ESO Element 26</i>	<input checked="" type="checkbox"/> Y	N	A decrease in the runoff coefficient from 0.4 to 0.33 A decrease in soil loss from 0.14 to 0.10. acre/tons/year
SWPPP updated to incorporate changes to State, Tribal, Local erosion plans? <i>ESO Element 27</i>	Y	<input type="checkbox"/> N	No changes in State, Tribal, Local erosion plans.
Have copies of inspection reports/all other documentation been retained as part of the SWPPP for 3 years from date permit coverage expires? <i>ESO Element 28</i>	<input checked="" type="checkbox"/> Y	N	Construction began in 11/10/2011.
Is a copy of the SWPPP on site or made available? <i>ESO Element 30</i>	<input checked="" type="checkbox"/> Y	N	
Did all "operators" sign/certify the SWPPP? <i>ESO Element 31</i>	Y	<input type="checkbox"/> N	SWPPP not signed by County official.

## NPDES Industrial Storm Water Worksheet (Construction)

Site Description			Notes:
SWPPP identifies potential sources of pollution? <i>ESO Element 7</i>	<input checked="" type="checkbox"/>	N	
SWPPP identifies all operators and their areas of control? <i>ESO Element 8</i>	<input checked="" type="checkbox"/>	N	
Is there a site description? <i>ESO Element 9</i>	<input checked="" type="checkbox"/>	N	
Nature/sequence of construction activity? <i>ESO Element 9A - 9B</i>	<input checked="" type="checkbox"/>	N	
Total area of site and total area to be disturbed? <i>ESO Element 9C</i>	<input checked="" type="checkbox"/>	N	
Is there a general location map? <i>ESO Element 9D</i>	<input checked="" type="checkbox"/>	N	
Is there a site map? <i>ESO Element 9E</i>	<input checked="" type="checkbox"/>	N	
Drainage patterns/outfalls on site map? <i>ESO Element 9F</i>	Y	<input checked="" type="checkbox"/>	Outfalls not on map.
Area of soil disturbance on site map? <i>ESO Element 9F</i>	Y	<input checked="" type="checkbox"/>	
Location of major structural controls on site map? <i>ESO Element 9F</i>	<input checked="" type="checkbox"/>	N	Waddles on map.
Location of storm water discharges to a surface water on site map? <i>ESO Element 9F</i>	Y	<input checked="" type="checkbox"/>	
Location of materials or equipment storage on site map (on-site or off-site)? <i>ESO Element 9F</i>	<input checked="" type="checkbox"/>	N	
Location/description industrial activities? <i>ESO Element 9G</i>	Y	N	NA
Name of Receiving water(s) or MS4 listed?	<input checked="" type="checkbox"/>	N	<i>Note: Indicate whether receiving water is 303(d) listed.</i> Canada Del Buey and thence to the Rio Grande, receiving water is 303(d) listed.
Does the SWPPP include dates of major grading activities, temporary/permanent construction cessation, and initiation of stabilization practices? <i>ESO Element 14</i>	<input checked="" type="checkbox"/>	N	
Endangered Species Documentation? <i>ESO Element 23</i>	<input checked="" type="checkbox"/>	N	Criterion E on NOI.

## NPDES Industrial Storm Water Worksheet (Construction)

<u>Controls to Reduce Pollutants</u>			<b>Notes:</b>
Does the SWPPP include a description of all pollution control measures (BMPs) that will be implemented to control pollutants in storm water discharges, including sequence and which operator responsible for implementation? <i>ESO Element 10 A – C</i>	<input checked="" type="checkbox"/>	N	
Does the SWPPP include a description of interim and permanent <i>stabilization practices</i> (e.g., seeding, mulching, riprap for the site)? <i>ESO Element 11; 12</i>	<input checked="" type="checkbox"/>	N	
Does the SWPPP identify the contractor(s) and timing by which <i>stabilization practices</i> will be implemented? <i>ESO Element 13</i>	<input checked="" type="checkbox"/>	N	
Does the SWPPP include a description of <i>structural practices</i> (e.g., vehicle track-out, silt fences, sediment traps, storm drain inlet protection) for the site? <i>ESO Element 15</i>	<input checked="" type="checkbox"/>	N	Cobble stones for track-out Compost filter socks
Does the SWPPP identify the contractor(s) and timing by which <i>structural practices</i> will be implemented? <i>ESO Element 10B - 10C</i>	<input checked="" type="checkbox"/>	N	
Does the SWPPP identify storm water management measures to address storm water runoff once the construction is completed (e.g., retention ponds, velocity dissipation controls)? <i>ESO Element 16</i>	<input checked="" type="checkbox"/>	N	
Does SWPPP describe measures to prevent discharge of dredge/fill materials to waters of the U.S.? Does site have 404 permit? <i>ESO Element 17</i>	<input checked="" type="checkbox"/>	N	The site has a 404 Permit to perform work in the arroyo, SPA-2011-00173-ABQ.
Does SWPPP describe measures to minimize off-site vehicle tracking and generation of dust? <i>ESO Element 18</i>	<input checked="" type="checkbox"/>	N	
Does SWPPP describe controls for pollutants from storage of construction or waste materials? <i>ESO Element 19</i>	Y	<input checked="" type="checkbox"/>	No storage of construction or waste material on the site.
Does the SWPPP describe controls for pollutants from non-construction activities? <i>ESO Element 20</i>	<input checked="" type="checkbox"/>	N	
Does SWPPP identify allowable non-storm water discharges? <i>ESO Element 21</i>	<input checked="" type="checkbox"/>	N	

## NPDES Industrial Storm Water Worksheet (Construction)

<b>Controls to Reduce Pollutants (cont'd)</b>		<b>Notes:</b>
Does SWPPP ensure implementation of pollution prevention measures for non-storm water discharges? <i>ESO Element 22</i>	<input checked="" type="checkbox"/> Y	N
Is SWPPP revised when BMPs added/modified within 7 days after inspection reveals problems? <i>ESO Element 29</i>	Y	N
		No BMP's have been added/modified.

<b>Inspections</b>		<b>Notes:</b>
Inspections performed once every 7 days, or every 14 days within 24 hours of a rain event greater 0.5"? <i>ESO Element 32</i>	Y	<input checked="" type="checkbox"/> N
Inspections performed by qualified personnel? <i>ESO Element 33</i>	<input checked="" type="checkbox"/> Y	N
All disturbed areas and/or used for storage and exposed to rain inspected? <i>ESO Element 34</i>	<input checked="" type="checkbox"/> Y	N
All pollution control measures inspected to ensure proper operation? <i>ESO Element 35</i>	<input checked="" type="checkbox"/> Y	N
All discharge locations inspected if accessible, or if not accessible, are nearby downstream locations inspected? <i>ESO Element 36; 37</i>	<input checked="" type="checkbox"/> Y	N
Entrance/exit inspected for off-site tracking? <i>ESO Element 38</i>	<input checked="" type="checkbox"/> Y	N
Inspection report contain all required items and certified? <i>ESO Element 39; 40</i>	<input checked="" type="checkbox"/> Y	N
		Inspection has not been preformed for the last 31 days.

## NPDES Industrial Storm Water Worksheet (Construction)

### Notes on SWPPP Review

#### **Site Description:**

Construction is taking place on a 5.4 acre site. The project is a 3,318 square feet Visitor Center on Hwy 4 as it enters the city of White Rock. The building will have an adjacent outdoor area including a turf plaza, xeric demonstration garden and large covered patio. A recreational vehicle parking area will be located on the east side of the site with associated utilities. The site slopes from the back to the front, towards Hwy 4, a wide shallow bar ditch runs along the roadway. There is a stormwater drain in this area. Running northwest beside the property is the Canada del Buey arroyo which discharges to the Rio Grande.

**SWPPP Implementation** (*complete in field*)

**Stabilization Practices**

**List and describe stabilization practices**  
*ESO Element 43, 48*

(*e.g., seeding, mulching, geotextiles, sod stabilization*)

Stabilization practices noted in the SWPPP are:

**Listed in SWPPP**

**Present at the site**

Seeding – Temporary/Vegetation

No, active phase of construction

**Are stabilization measures initiated no more than 14 days after temporary or permanent construction cessation?**  
*ESO Element 46*

(*e.g., indicate “yes” or “no”; if “yes”, how long without stabilization measures?*)

No temporary stabilization practices have been initiated and it appears that the entire construction site has been continuously active.

**Structural Practices**

**List and describe structural controls**  
ESO Element 42, 43, 47

*(e.g., silt fences, hay bales, storm drain inlet protection, sedimentation pond, rip rap, check dam, diversion structure, off-site vehicle track-out)*

Structural controls on site, small dirt berms, cobble stones, and compost socks placed around two sides of the property.

**Non-Structural Practices**

**Street Cleaning**  
ESO Element 44

*(e.g., describe measures taken to remove offsite accumulation of sediment)*

The entrance/exit faces Hwy 4; it is a busy two lane road. Due to the heavy traffic cleaning the road would be difficult if not impossible. On the day of the inspection the cobblestone track out was buried, sediment was being tracked onto the road.

## NPDES Industrial Storm Water Worksheet (Construction)

<b><u>Non-Structural Practices</u></b>	
<b>Good Housekeeping &amp; Waste Disposal Practices</b> <i>ESO Element 45</i>	<p><i>(e.g., describe measures taken to prevent litter and debris from becoming a pollutant source)</i></p> <p>Good housekeeping practices are discussed in detail in the SWPPP. Site appeared clean and ordered.</p>
<b>Equipment Wash/Maintenance Area</b> <i>ESO Elements 43</i>	<p><i>(provide brief description)</i></p> <p>No equipment maintenance is conducted on-site or equipment washed.</p>
<b>Concrete Washout Areas</b> <i>ESO Elements 43</i>	<p><i>(provide brief description)</i></p> <p>A portable steel containment vessel was present on site and being used.</p>
<b><u>Miscellaneous</u></b>	
<b>Evidence of Sediment Deposition to Surface Waters</b> <i>*ESO Eligibility - if "yes," site not eligible for ESO</i>	<p><i>(e.g., significant turbidity observed in a receiving water body)</i></p> <p>Discharge point at the Rio Grande was not observed.</p>

## NPDES Industrial Storm Water Worksheet (Construction)

<u>Miscellaneous</u>	
<p><b>Pollution prevention measures for non-storm water discharges?</b>  <i>*ESO Eligibility - If evidence of non-allowable non-storm water discharges, site not eligible for ESO</i></p>	<p><i>(provide brief description and determine whether/if non-storm water discharges allowable)</i></p> <p>The only controls observed for waterline flushing and watering for dust control appears to be the limited site structural controls discussed above.</p>
<p><b>Has implementation of additional/modified BMPs been completed before next anticipated storm event?</b>  <i>ESO Element 43.C.1</i></p>	<p><i>(provide brief description)</i></p> <p>See below.</p>
<u>Notes on SWPPP Implementation</u>	
<p>At the time of the inspection the entrance/exit BMP needed maintenance or replacement. The natural drainage of the east side of the site is towards a grated stormwater drain that had no BMP around it. The NOI was posted on the side of the trailer away from the view of the public. There were gaps in the compost socks at the front of the property facing the bar ditch along Hwy 4.</p> <p>The day after the inspection, pictures were submitted that showed each of the above deficiencies have been corrected.</p>	