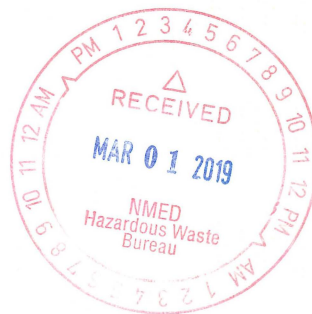




DEPARTMENT OF ENERGY
Environmental Management Los Alamos Field Office (EM-LA)
Los Alamos, New Mexico 87544

Mr. John E. Kieling
Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303



MAR 01 2019

Dear Mr. Kieling:

Subject: Response to Comments on the Biennial Inspection and Maintenance Report on Erosion Controls Associated with Solid Waste Management Unit 16-003(o) within Fishladder Canyon

This letter is being submitted in response to the New Mexico Environment Department's (NMED's) letter dated February 4, 2019, "Review and Comments, Biennial Inspection and Maintenance Report on Erosion Controls Associated with Solid Waste Management Unit 16-003(o) within Fishladder Canyon" (HWB-LANL-18-066). NMED provided two comments on the "Biennial Inspection and Maintenance Report on Erosion Controls Associated with Solid Waste Management Unit 16-003(o) within Fishladder Canyon" submitted by the U.S. Department of Energy (DOE) Environmental Management Los Alamos Field Office (EM-LA) and Newport News Nuclear BWXT – Los Alamos, LLC (N3B) on December 17, 2018.

NMED's first comment states "The DOE provided the documentation of November 29, 2018 inspection with photos but did not provide any documentation for the 2017 inspection in the Report. The DOE is required to perform annual inspections and provide documentation (e.g., photos) of each annual inspection in a biennial report (see NMED Review Letter dated January 5, 2017). The DOE must either provide documentation of the 2017 inspections or provide justification for not documenting the 2017 inspections."

In response to the comment, documentation of inspections performed in 2017 at Solid Waste Management Unit (SWMU) 16-003(o) is included as Enclosure 1. Photographs were not taken in 2017 because the erosion controls remained stable, as noted in the enclosed inspection records.

NMED's second comment states, "In the photos taken on November 29, 2018, the controls are not visible in Figures 5 and 6 due to snow accumulation. NMED recommend that future visual inspections documenting the status of erosional controls be performed under conditions where the view of controls is not obstructed by snow."

Because of the persistence of snow at the site, DOE is unable to update Figures 5 and 6 at this time but will implement NMED's recommendation of conducting future visual inspections when the view of controls is not obstructed by snow. Additionally, DOE will attempt to ensure

photographs for each inspection year are included in future biennial inspection and maintenance reports on erosion controls associated with SWMU 16-003(o) within Fishladder Canyon.

If you have any questions, please contact Steve Veenis at (505) 309-1362 (steve.veenis@em-la.doe.gov) or Cheryl Rodriguez at (505) 665-5330 (cheryl.rodriguez@em.doe.gov).

Sincerely,



Arturo Q. Duran
Compliance and Permitting Manager
Environmental Management
Los Alamos Field Office

Enclosures:

1. 2017 Control Measure Inspections for the Biennial Inspection and Maintenance Report on Erosion Controls Associated with Solid Waste Management Unit 16-003(o) within Fishladder Canyon (EM2019-0051)

cc (letter and enclosure[s] emailed):

L. King, EPA Region 6, Dallas, TX
R. Martinez, San Ildefonso Pueblo, NM
D. Chavarria, Santa Clara Pueblo, NM
S. Yanicak, NMED
D. Carlson, N3B
E. Evered, N3B
J. Legare, N3B
F. Lockhart, N3B
G. Morgan, N3B
B. Robinson, N3B
S. Veenis, N3B
D. Nickless, EM-LA
D. Rhodes, EM-LA
C. Rodriguez, EM-LA
emla.docs@em.doe.gov
N3B Records
Public Reading Room (EPRR)
PRS Website

EM-LA-40AD-00401





ENCLOSURE 1

**2017 Control Measure Inspections for the Biennial
Inspection and Maintenance Report on Erosion
Controls Associated with Solid Waste Management
Unit 16-003(o) within Fishladder Canyon**

Maintenance Details














Requested: 6/7/2017 10:24:00 AM
Procedure: Storm Water Control Measures Inspection Form (EP-DIV-SOP-20012-1 IPC3)
Last PM: 9/19/2016
Project: IP Rain Event on June 6, 2017 at RG257 (P-BMP-5600)
Reason: IP Rain Event on June 6, 2017 at RG257
Special Instructions: Route 4, V007-13-0006-58-CDV2.3-R18.

Target: 6/20/2017
Priority/Type: Normal / Inspection

 IP
 RG257
 V007
 CDV-SMA-2.3

Contact:
Phone:

Tasks

#	Description	Meas.	No	Yes
Project Map Review, If Yes, submit altered Project Map.				
20	Have you changed the location of a BMP on the Project Map?			<input type="checkbox"/>
30	Have you ammended the Project Map in any other way?			<input type="checkbox"/>
Control Measure Review. Describe recommended action in task comment line as appropriate.				
50	Established Vegetation [V00702040021] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
60	Established Vegetation [V00702040021] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
70	Earthen Berm [V00703010027] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
80	Earthen Berm [V00703010027] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
90	Straw Wattle [V00703060028] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
100	Straw Wattle [V00703060028] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
110	Straw Wattle [V00703060030] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
120	Straw Wattle [V00703060030] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
130	Straw Wattle [V00703060031] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
140	Straw Wattle [V00703060031] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
150	Rock Berm [V00703120026] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
160	Rock Berm [V00703120026] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
170	Rock Check Dam [V00706010019] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
180	Rock Check Dam [V00706010019] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>

190	Rock Check Dam [V00706010020] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
200	Rock Check Dam [V00706010020] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
210	Rock Check Dam [V00706010024] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
220	Rock Check Dam [V00706010024] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
230	Rock Check Dam [V00706010025] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
240	Rock Check Dam [V00706010025] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
250	Gabions [V00707010002] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
260	Gabions [V00707010002] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SMA Controls. Describe recommended action in task line as appropriate			
280	Is there evidence of floatable waste, floatable garbage, or floatable debris within the SMA that could be discharged to receiving waters?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
290	Is there evidence of dust generation or evidence of off-site vehicle tracking of raw, final, or waste materials or sediments?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
300	Is there evidence of the introduction of raw, final, or waste material to the SMA?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
310	Has there been a significant increase in erosion potential at the SMA since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
320	Firing Site [13-001:CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
330	Landfill [13-002:CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
340	Sump [16-003(N)] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
350	Sump- fish ladder [16-003(O):CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
360	Outfalls from Former Building 16-478 [16-029(H):CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
370	Outfall from Former Building 16-478 [16-031(H)] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Labor

Labor	Work Date	Reg Hrs	OT Hrs	Other Hrs
Jonathan Romero	6/20/2017	1	0	0
Roybal, Albert	6/20/2017	1	0	0

Labor Report

Completed: 6/20/2017
10:45:00 AM

Report: No Action Recommended

Images

Albert Rayburn

Certification Statement of Authorization

"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 managed 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 or imprisonment for knowing violations."

Name of Delegated Official of Permittees: Steve Veenis Z#: 109949

Date: Date on file Delegated Official Signature: Signature on File

Maintenance Details

Requested: 6/26/2017 1:46:00 PM **Target:** 7/9/2017
Procedure: Storm Water Control Measures Inspection Form (EP-DIV-SOP-20012-1 IPC3) **Priority/Type:** Normal / Inspection
Last PM: 6/20/2017
Project: IP Rain Event on June 25, 2017 at RG257 (P-BMP-5650) **Contact:**
Reason: IP Rain Event on June 25, 2017 at RG257 **Phone:**
Special Instructions: Route 4, V007-13-0006-58-CDV2.3-R18.

IP
 RG257
 V007
 CDV-SMA-2.3

Tasks

#	Description	Meas.	No	Yes
Project Map Review, If Yes, submit altered Project Map.				
20	Have you changed the location of a BMP on the Project Map?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
30	Have you ammended the Project Map in any other way?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Control Measure Review. Describe recommended action in task comment line as appropriate.				
50	Established Vegetation [V00702040021] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
60	Established Vegetation [V00702040021] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
70	Earthen Berm [V00703010027] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
80	Earthen Berm [V00703010027] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
90	Straw Wattle [V00703060028] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
100	Straw Wattle [V00703060028] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
110	Straw Wattle [V00703060030] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
120	Straw Wattle [V00703060030] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
130	Straw Wattle [V00703060031] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
140	Straw Wattle [V00703060031] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
150	Rock Berm [V00703120026] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
160	Rock Berm [V00703120026] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
170	Rock Check Dam [V00706010019] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
180	Rock Check Dam [V00706010019] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>

190	Rock Check Dam [V00706010020] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
200	Rock Check Dam [V00706010020] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
210	Rock Check Dam [V00706010024] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
220	Rock Check Dam [V00706010024] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
230	Rock Check Dam [V00706010025] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
240	Rock Check Dam [V00706010025] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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260	Gabions [V00707010002] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SMA Controls. Describe recommended action in task line as appropriate			
280	Is there evidence of floatable waste, floatable garbage, or floatable debris within the SMA that could be discharged to receiving waters?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
290	Is there evidence of dust generation or evidence of off-site vehicle tracking of raw, final, or waste materials or sediments?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
300	Is there evidence of the introduction of raw, final, or waste material to the SMA?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
310	Has there been a significant increase in erosion potential at the SMA since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
320	Firing Site [13-001:CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
330	Landfill [13-002:CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
340	Sump [16-003(N)] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
350	Sump- fish ladder [16-003(O):CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
360	Outfalls from Former Building 16-478 [16-029(H):CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
370	Outfall from Former Building 16-478 [16-031(H)] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Labor

Labor	Work Date	Reg Hrs	OT Hrs	Other Hrs
Jonathan Romero	7/3/2017	1	0	0
Roybal, Albert	7/3/2017	1	0	0

Labor Report

Completed: 7/3/2017
10:15:00 AM

Report: No Action Recommended

Images

allt fagh

Certification Statement of Authorization

"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 managed 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 or imprisonment for knowing violations."

















Name of Delegated Official of Permittees: Steve Veenis Z#: 109949

Date: Date on file Delegated Official Signature: Signature on File

Maintenance Details

Requested: 7/13/2017 12:08:00 PM**Target:** 7/26/2017 IP**Procedure:** Storm Water Control
Measures Inspection Form
(EP-DIV-SOP-20012-1 IPC3)**Priority/Type:** Normal / Inspection RG257 V007 CDV-SMA-2.3**Last PM:** 7/3/2017**Project:** IP Rain Event on July 12,
2017 at RG257 (P-BMP-
5697)**Contact:**
Phone:**Reason:** IP Rain Event on July 12, 2017 at RG257**Special Instructions:** Route 4, V007-13-0006-58-CDV2.3-R18.

Tasks

#	Description	Meas.	No	Yes
Project Map Review, If Yes, submit altered Project Map.				
20	Have you changed the location of a BMP on the Project Map?			<input type="checkbox"/>
30	Have you ammended the Project Map in any other way?			<input type="checkbox"/>
Control Measure Review. Describe recommended action in task comment line as appropriate.				
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230	Rock Check Dam [V00706010025] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
240	Rock Check Dam [V00706010025] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
250	Gabions [V00707010002] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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SMA Controls. Describe recommended action in task line as appropriate			
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310	Has there been a significant increase in erosion potential at the SMA since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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330	Landfill [13-002:CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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360	Outfalls from Former Building 16-478 [16-029(H):CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
370	Outfall from Former Building 16-478 [16-031(H)] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Labor

Labor	Work Date	Reg Hrs	OT Hrs	Other Hrs
Jonathan Romero	7/24/2017	1	0	0
Winch, Mary Jane	7/24/2017	1	0	0

Labor Report

Completed: 7/24/2017
1:40:00 PM

Report: No Action Recommended

Images

Justin Rando

Certification Statement of Authorization

"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 managed 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 or imprisonment for knowing violations."

















Name of Delegated Official of Permittees: Steve Veenis Z#: 109949

Date: Date on file Delegated Official Signature: Signature on File

Maintenance Details

Requested: 7/31/2017 11:39:10 AM**Target:** 8/12/2017 IP**Procedure:** Storm Water Control
Measures Inspection Form
(EP-DIV-SOP-20012-1 IPC3)**Priority/Type:** Normal / Inspection RG257 V007 CDV-SMA-2.3**Last PM:** 7/24/2017**Project:** IP Rain Event on July 29,
2017 at RG257 (P-BMP-
5768)**Contact:****Phone:****Reason:** IP Rain Event on July 29, 2017 at RG257**Special Instructions:** Route 4, V007-13-0006-58-CDV2.3-R18.

Tasks

#	Description	Meas.	No	Yes
Project Map Review, If Yes, submit altered Project Map.				
20	Have you changed the location of a BMP on the Project Map?			<input type="checkbox"/>
30	Have you ammended the Project Map in any other way?			<input type="checkbox"/>
Control Measure Review. Describe recommended action in task comment line as appropriate.				
50	Established Vegetation [V00702040021] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
60	Established Vegetation [V00702040021] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
70	Earthen Berm [V00703010027] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
80	Earthen Berm [V00703010027] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
90	Straw Wattle [V00703060028] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
100	Straw Wattle [V00703060028] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
110	Straw Wattle [V00703060030] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
120	Straw Wattle [V00703060030] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
130	Straw Wattle [V00703060031] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
140	Straw Wattle [V00703060031] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
150	Rock Berm [V00703120026] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
160	Rock Berm [V00703120026] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>
170	Rock Check Dam [V00706010019] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	
180	Rock Check Dam [V00706010019] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			<input type="checkbox"/>

190	Rock Check Dam [V00706010020] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
200	Rock Check Dam [V00706010020] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
210	Rock Check Dam [V00706010024] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
220	Rock Check Dam [V00706010024] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
230	Rock Check Dam [V00706010025] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
240	Rock Check Dam [V00706010025] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
250	Gabions [V00707010002] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
260	Gabions [V00707010002] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SMA Controls. Describe recommended action in task line as appropriate			
280	Is there evidence of floatable waste, floatable garbage, or floatable debris within the SMA that could be discharged to receiving waters?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
290	Is there evidence of dust generation or evidence of off-site vehicle tracking of raw, final, or waste materials or sediments?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
300	Is there evidence of the introduction of raw, final, or waste material to the SMA?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
310	Has there been a significant increase in erosion potential at the SMA since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
320	Firing Site [13-001:CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
330	Landfill [13-002:CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
340	Sump [16-003(N)] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
350	Sump- fish ladder [16-003(O):CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
360	Outfalls from Former Building 16-478 [16-029(H):CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
370	Outfall from Former Building 16-478 [16-031(H)] Has there been an increase in erosion potential at the Site since the last inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Labor

Labor	Work Date	Reg Hrs	OT Hrs	Other Hrs
Jonathan Romero	8/9/2017	1	0	0
Winch, Mary Jane	8/9/2017	1	0	0

Labor Report

8/9/2017
Completed: 11:15:26 AM

Report: No Action Recommended

Images

not

Certification Statement of Authorization

"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 managed 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 or imprisonment for knowing violations."

Name of Delegated Official of Permittees: Steve Veenis Z#: 109949

Date: Date on file Delegated Official Signature: Signature on File

Maintenance Details

Requested: 10/5/2017 9:30:00 AM**Target:** 10/18/2017**Procedure:** Storm Water Control
Measures Inspection Form
(EP-DIV-SOP-20012-1
IPC3)**Priority/Type:** Normal / Inspection

RG257



CDV-SMA-2.3

Last PM: 8/9/2017**Project:** IP Rain Event on October
4, 2017 (P-BMP-5813)**Contact:**
Phone:**Reason:** IP Rain Event on October 4, 2017**Special Instructions:** Route 4, V007-13-0006-58-CDV2.3-R18.

Tasks

#	Description	Meas.	No	Yes
Project Map Review, If Yes, submit altered Project Map.				
20	Have you changed the location of a BMP on the Project Map?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
30	Have you ammended the Project Map in any other way?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Control Measure Review. Describe recommended action in task comment line as appropriate.				
50	Established Vegetation [V00702040021] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
60	Established Vegetation [V00702040021] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
70	Earthen Berm [V00703010027] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
80	Earthen Berm [V00703010027] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
90	Straw Wattle [V00703060028] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
100	Straw Wattle [V00703060028] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
110	Straw Wattle [V00703060030] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
120	Straw Wattle [V00703060030] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
130	Straw Wattle [V00703060031] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
140	Straw Wattle [V00703060031] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
150	Rock Berm [V00703120026] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
160	Rock Berm [V00703120026] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
170	Rock Check Dam [V00706010019] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
180			<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Rock Check Dam [V00706010019] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.			
190	Rock Check Dam [V00706010020] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
200	Rock Check Dam [V00706010020] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
210	Rock Check Dam [V00706010024] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
220	Rock Check Dam [V00706010024] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
230	Rock Check Dam [V00706010025] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
240	Rock Check Dam [V00706010025] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
250	Gabions [V00707010002] Is BMP Operating effectively on arrival? If no, describe existing or installed backup control.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
260	Gabions [V00707010002] Is maintenance, modification, repair, or replacement recommended or conducted at inspection? If yes, identify maintenance type (repair, replacement, or modification) and describe the maintenance recommendation.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
SMA Controls. Describe recommended action in task line as appropriate				
280	Is there evidence of floatable waste, floatable garbage, or floatable debris within the SMA that could be discharged to receiving waters?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
290	Is there evidence of dust generation or evidence of off-site vehicle tracking of raw, final, or waste materials or sediments?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
300	Is there evidence of the introduction of raw, final, or waste material to the SMA?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
310	Has there been a significant increase in erosion potential at the SMA since the last inspection?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
320	Firing Site [13-001:CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
330	Landfill [13-002:CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
340	Sump [16-003(N)] Has there been an increase in erosion potential at the Site since the last inspection?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
350	Sump- fish ladder [16-003(O):CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
360	Outfalls from Former Building 16-478 [16-029(H):CDV-SMA-2_3] Has there been an increase in erosion potential at the Site since the last inspection?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
370	Outfall from Former Building 16-478 [16-031(H)] Has there been an increase in erosion potential at the Site since the last inspection?		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Labor

Labor	Work Date	Reg Hrs	OT Hrs	Other Hrs
Jonathan Romero	10/17/2017	1	0	0
Roybal, Albert	10/17/2017	1	0	0

Labor Report

10/17/2017
Completed: 10:55:00 AM
Report: 2017-10-17 10:24 am (MDT) - LANL/IPROUTE4: No Action Recommended

Images

Arthur Penn

Certification Statement of Authorization

"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 managed 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 or imprisonment for knowing violations."

Name of Delegated Official of Permittees: Steve Veenis Z#: 109949

Date: Date on file Delegated Official Signature: Signature on File