

Stormwater Construction Site Inspection Report

Project Name

Rattlesnake Creek Substation

NPDES Tracking Number

CWS-201802602

Location

Rattlesnake Creek Substation

Conducted on

5/16/18, 10:07 AM

Name

Mario Mendez

Title

Engineer

Contact Information

4808483641 mmendez@atwell-group.com

Inspector's Qualifications

Registered PE, Arizona

Describe Present Phase of Construction

Foundation construction. Grading

Type of Inspection

Post-Storm Event



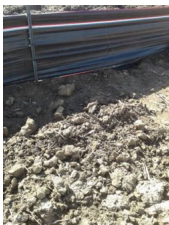


Completed on

5/16/18, 10:45 AM

Weather

Question	Response	Details
Has there been a storm since the last inspection?	Yes	
Date and time of storm:	5/11/18, 10:11 AM	
Storm Duration (hrs):	72 hrs	
Approximate amount of precipitation (in):	1.5in	
Weather at the time of this inspection	Clear	
Temperature	75.0°F	
Have any discharges occurred since the last inspection?	No	
Are there any discharges at the time of inspection?	No	

Site BMPs


Question	Response	Details
Add BMP		
1		
BMP Number	Silt Fence	
Is BMP Installed?	Yes	Could not inspect east side of substation pad because of construction activity hazards
<div style="text-align: center;">  <p>Appendix 1</p> </div>		
BMP Maintenance Required?	Yes	
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>Appendix 2</p> </div> <div style="text-align: center;">  <p>Appendix 3</p> </div> <div style="text-align: center;">  <p>Appendix 4</p> </div> <div style="text-align: center;">  <p>Appendix 5</p> </div> </div>		
Corrective action needed, Notes	Repair tee post at entrance. Bury silt fence on west side approx. 150ft South of entrance. Silt fence ripped on west side approx 300 ft South of entrance. Silt fence off tee post on southeast side of substation pad. Silt fence is no longer required at this corner because grading slopes into substation.	
2		
BMP Number	Concrete washout	
Is BMP Installed?	Yes	
BMP Maintenance Required?	No	Washout cleaned out per Burns McDonnell report 5/9/18

Overall Site Issues

Question	Response	Details
Question 1		
Are all slopes and disturbed areas not actively being worked properly stabilized?		Disturbed slopes on east and west sides of substation graded on 5/4/18. Soil is scheduled to be used for O&M pad grading prior to 5/18/18. Therefore stabilization not required.
Question 2		
Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?		
Question 3		
Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	No	
Maintenance Required?	Yes	
Corrective Action Needed, Notes	See BMP notes	
Question 4		
Are discharge points and receiving waters free of any sediment deposits?	Yes	
Maintenance Required?	No	
Question 5		
Are Storm Drain Inlets properly protected?		
Question 6		
Is the construction exit preventing sediment from being tracked into the street?	Yes	
Maintenance Required?	No	
Question 7		
Is trash/litter from work areas collected and placed in covered dumpsters?	Yes	

Question	Response	Details
Maintenance Required?	No	
Question 8		
Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	Yes	
Maintenance Required?	No	
Question 9		
Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	Yes	
Maintenance Required?	No	
Question 10		
Are materials that are potential stormwater contaminants stored inside or under cover?		
Question 11		
Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?		
Question 12		
Describe any other incidents of non-compliance not described above:		

Certification Statement

Question		Response	Details
<p>"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."</p>			
Name and Title:		Mario Mendez	
Signature:		5/16/18 10:44 AM	
Date:		5/16/18	

Media



Appendix 1



Appendix 2



Appendix 3



Appendix 4



Appendix 5