

Stormwater Construction Site Inspection Report

Project Name

Rattlesnake Creek Substation and Transmission Line

NPDES Tracking Number

CWS-201802602

Location

Rattlesnake Creek Substation And Transmission LINE

Conducted on

11 Jun 2018 09:20 AM

Name

Mario Mendez

Title

Engineer

Contact Information

Mmendez@atwell-group.com

Inspector's Qualifications

Registered Professional Engineer, AZ

Describe Present Phase of Construction

Substation: Steel erection. T-Line: foundation construction

Type of Inspection

Post-Storm Event

Completed on

11 Jun 2018 04:08 PM



Score



1/1.0 - 100.00%

Weather

Question	Response	Details
Has there been a storm since the last inspection?	Yes	
Date and time of storm:	10 Jun 2018 03:23 AM	
Storm Duration (hrs):	6	
Approximate amount of precipitation (in):	1	
Weather at the time of this inspection	Cloudy	
Temperature	73 °F	
Have any discharges occurred since the last inspection?	Yes	
Describe		
Are there any discharges at the time of inspection?	Yes	
Describe	Water from rain event exiting site at southeast corner of substation.	

Site BMPs

Question	Response	Details
Add BMP		
BMP 1		
BMP Number	Silt Fence	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
 <p style="text-align: center;">Appendix 1</p>		
Corrective action needed, Notes	Fix at entrance to Substation. Remove excess silt behind silt fence on west side approximately 320ft north of entrance and reattach to tee posts. Fix outstanding issues from Burns and McDonnell report and last SWPPP inspection 6/9/18	
BMP 2		
BMP Number	Concrete Washout: Substation	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
 <p style="text-align: center;">Appendix 2</p>		
Corrective action needed, Notes	Washout at substation is full of water. Cannot be used until water is removed or it evaporates.	
BMP 3		
BMP Number	Concrete Washout: T-line	


Question		Response	Details
Is BMP Installed?		Yes	
BMP Maintenance Required?		Yes	
<div></div> <div>Appendix 3</div>			
Corrective action needed, Notes		Washout at t-line is full, sides are down, can no longer be used and needs to be removed. Second washout at t-line needs to be removed. Both washout are now out of service.	
BMP 4			
BMP Number		Erosion control: wattles	
Is BMP Installed?		Yes	
BMP Maintenance Required?		Yes	
<div></div> <div>Appendix 4</div>			
Corrective action needed, Notes		Wattles around concrete washout need to be staked to the ground. Spoil piles at structure 2 and structure 4 do not have wattles. Wattles are required to prevent erosion. Per SWPPP all spoil piles must be stabilized with mulch, soil tackifier, silt fence or other applicable BMP if in place for more than 14 days.	

Overall Site Issues

Question	Response	Details
Question 1		
Are all slopes and disturbed areas not actively being worked properly stabilized?		
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 previous section	
Question 4		
Are discharge points and receiving waters free of any sediment deposits?		
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	
Maintenance Required?	Yes	
Corrective Action Needed, Notes	Dumpster requires cover	

Question	Response	Details
Question 8		
Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	Yes	
Maintenance Required?	Yes	
Corrective Action Needed, Notes	See previous section	
Question 9		
Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?		
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?	Yes	
Maintenance Required?	No	
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:		11 Jun 2018 10:27 AM	
Date:		11 Jun 2018	

Media



Appendix 1



Appendix 2



Appendix 3



Appendix 4