

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

09 Jun 2018 04:16 PM

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 10:56 AM







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:	08 Jun 2018 10:28 AM	
Storm Duration (hrs):	8	
Approximate amount of precipitation (in):	0.6	
Weather at the time of this inspection	Clear	
Temperature	80 °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		
BMP 1		
BMP Number	Silt Fence	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>Appendix 1</p> </div> <div style="text-align: center;">  <p>Appendix 2</p> </div> <div style="text-align: center;">  <p>Appendix 3</p> </div> </div>		
Corrective action needed, Notes	Fix silt fence per Burns and McDonnell report. Recover silt fence on west side approximately 300ft north of entrance. Silt fence is ripped on the east side of the O&M pad, south end.	
BMP 2		
BMP Number	Concrete washout: Substation	
Is BMP Installed?	Yes	
BMP Maintenance Required?	No	
BMP 3		
BMP Number	Concrete washout: T-line	
Is BMP Installed?	Yes	
BMP Maintenance Required?	No	
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>Appendix 4</p> </div> <div style="text-align: center;">  <p>Appendix 5</p> </div> <div style="text-align: center;">  <p>Appendix 6</p> </div> </div>		


Question	Response	Details
BMP 4		
BMP Number	Wattles: T-line	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
Corrective action needed, Notes	Two piles of dirt do not have wattles. Need to add straw wattles around dirt piles	

Overall Site Issues

Question	Response	Details
Question 1		
Are all slopes and disturbed areas not actively being worked properly stabilized?	Yes	East and west slopes at Substation graded and excess dirt moved to O&M pad 6/4/18.
Maintenance Required?	No	
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?	Yes	
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	

Question	Response	Details
Corrective Action Needed, Notes	Dumpsters require cover	
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?		
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, Engineer	
Signature:		11 Jun 2018 10:55 AM	
Date:		09 Jun 2018	

Media



Appendix 1



Appendix 2



Appendix 3



Appendix 4



Appendix 5



Appendix 6