

Stormwater Construction Site Inspection Report

Project Name

Rattlesnake Creek Substation and Transmission Line

NPDES Tracking Number

CWS-201802602

Location

Rattlesnake Creek Substation

Conducted on

07 Aug 2018 09:07 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: Bus work, wrenching and cable pulling. T-Line: cable pulling, spoil cleanup

Type of Inspection

Post-Storm Event

Completed on

08 Aug 2018 02:36 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:	05 Aug 2018 10:14 PM	
Storm Duration (hrs):	12 hrs	
Approximate amount of precipitation (in):	0.95	
Weather at the time of this inspection	Clear	
Temperature	71 °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	Substation: Silt Fence	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
Corrective action needed, Notes	A Mortenson contractor cut the silt fence on east side of substation and repair is required. Silt fence is uncovered on west side of substation approximately 500 ft south of entrance.	
BMP 2		
BMP Number	Substation: Dumpster	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
Corrective action needed, Notes	Dumpster is covered but it is full. Pickup is scheduled on 8/8/2018	
BMP 3		
BMP Number	Substation: Temporary Seeding	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
Corrective action needed, Notes	Mortenson disturbed slopes on east side of substation on 8/7/2018 to install substation cabling. Re-seeding is required.	
BMP 4		
BMP Number	Substation: Wattle (S/E/C)	
Is BMP Installed?	Yes	
BMP Maintenance Required?	No	
BMP 5		
BMP Number	T-line: Dumpster	


Question	Response	Details
Is BMP Installed?	Yes	Dumpster cover is in place
BMP Maintenance Required?	No	
BMP 6		
BMP Number	T-line: Wattles on Spoil Piles	
Is BMP Installed?	Yes	Wattles are in place. Contractor is currently removing spoil piles along Transmission Line
BMP Maintenance Required?	No	

Overall Site Issues

Question	Response	Details
Question 1		
Are all slopes and disturbed areas not actively being worked properly stabilized?	Yes	
Maintenance Required?	Yes	Photos show silt fence prior to getting cut.
<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	Substation slopes require re-seeding	
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 page for required repairs	
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	Response	Details
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?	No	
Question 8		
Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?		
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	
Signature:		<div style="display: flex; justify-content: space-between;"> 08 Aug 2018 02:00 PM  </div>
Date:	07 Aug 2018	

Media



Appendix 1



Appendix 2



Appendix 3