

# Stormwater Construction Site Inspection Report

**Project Name**

Rattlesnake Creek

**NPDES Tracking Number**

CWS-201802602

**Location**

5701 Christy Rd  
Sioux City, IA 51106  
United States  
(42.4494062993299, -96.3257249658753)

**Conducted on**

26 Jun 2018 02:03 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: pole base setting

**Type of Inspection**

Post-Storm Event


**Completed on**

27 Jun 2018 08:18 AM


**Score**


1/1.0 - 100.00%

## Weather

Question	Response	Details
Has there been a storm since the last inspection?		
Weather at the time of this inspection		
Temperature	75 °F	
Have any discharges occurred since the last inspection?	Yes	
 <p>Appendix 1</p>		
Describe	Rainfall runoff discharging through a failed section of silt fence	
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	Section on northeast corner of Substation pad is ripped and requires repair.	
BMP 2		
BMP Number	Substation: washout	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
Corrective action needed, Notes	Washout is out of service and demolition is required.	
BMP 3		
BMP Number	Transmission Line: washout	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
Corrective action needed, Notes	Washout is out of service and demolition is required.	
BMP 4		
BMP Number	Substation: Diversion berm	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
 <p style="margin-top: 10px;">Appendix 2</p>		


Question	Response	Details
Corrective action needed, Notes	Berm diverting flows to silt fence failed. Wattles are required on slope.	
BMP 5		
BMP Number	T-line: wattles on stockpiles	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
<div></div> <div>Appendix 3</div>		
Corrective action needed, Notes	Silt is built up behind wattles around stockpile at structure 251B. Requires clearing of silt and replacement of wattle.	
BMP 6		
BMP Number	Substation: wattle	
Is BMP Installed?	Yes	
BMP Maintenance Required?	Yes	
Corrective action needed, Notes	It appears that construction traffic drove over wattle on southwest corner of Substation and requires replacement.	

## Overall Site Issues

Question	Response	Details
<b>Question 1</b>		
Are all slopes and disturbed areas not actively being worked properly stabilized?	No	
Maintenance Required?	Yes	
Corrective Action Needed, Notes	See previous section	
<b>Question 2</b>		
Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?		
<b>Question 3</b>		
Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	Yes	
Maintenance Required?	Yes	
Corrective Action Needed, Notes	See previous section	
<b>Question 4</b>		
Are discharge points and receiving waters free of any sediment deposits?		
<b>Question 5</b>		
Are Storm Drain Inlets properly protected?		
<b>Question 6</b>		
Is the construction exit preventing sediment from being tracked into the street?	Yes	
Maintenance Required?	No	
<b>Question 7</b>		
Is trash/litter from work areas collected and placed in covered dumpsters?	Yes	

Question	Response	Details
Maintenance Required?	No	
<b>Question 8</b>		
Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	Yes	
Maintenance Required?	Yes	
Corrective Action Needed, Notes	See previous section	
<b>Question 9</b>		
Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?		
<b>Question 10</b>		
Are materials that are potential stormwater contaminants stored inside or under cover?		
<b>Question 11</b>		
Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?		
<b>Question 12</b>		
Describe any other incidents of non-compliance not described above:	The scheduled 14 day inspection due on 6/25/2018 not performed due to undriveable soil conditions and ongoing storm. Rainfall totaled 6.37 inches since Monday June 18.	

## 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:	Mario Mendez	26 Jun 2018 07:04 PM	
Date:		26 Jun 2018	

## Media



Appendix 1



Appendix 2



Appendix 3