

# Stormwater Construction Site Inspection Report

**Project Name**

Rattlesnake Creek Substation and T-line

**NPDES Tracking Number**

CWS-201802602

**Location**

Allen, NE 68710

United States

(42.3744694982119, -96.829248648227)

**Conducted on**

16 Aug 2018 10:53 AM

**Describe Present Phase of Construction**

Substation: grounding, terminating. T-line: stringing

**Type of Inspection**

Post-Storm Event



**Completed on**

16 Aug 2018 06:00 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:  | 15 Aug 2018 10:49 PM  |         |
| Storm Duration (hrs):  | ~5hrs   |         |
| Approximate amount of precipitation (in):  | 0.75  |         |
| Weather at the time of this inspection   | Cloudy  |         |
| Temperature  | 68 °F   |         |
| Have any discharges occurred since the last inspection?  | 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> |   |         |
| Describe   | Water escaped on the east side of the substation through an opening in the silt fence that Mortenson cut to trench. |         |
| 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-start;"> <div style="text-align: center;">  <p>Appendix 3</p> </div> <div style="text-align: center;">  <p>Appendix 4</p> </div> </div>     |   |         |
| Corrective action needed, Notes  | Silt fence on east side of Substation was cut and requires replacement. The bottom of portions of the silt fence to the south of the cut silt fence is exposed and requires repair. Silt fence needs to be keyed into soil. |         |
| BMP 2  |   |         |
| BMP Number   | Substation: Dumpster cover  |         |
| Is BMP Installed?  | Yes   |         |
| BMP Maintenance Required?  | No  |         |
| BMP 3  |   |         |
| BMP Number   | Substation: temp seeding  |         |
| Is BMP Installed?  | Yes   |         |
| BMP Maintenance Required?  | Yes   |         |
| <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Appendix 5</p> </div> <div style="text-align: center;">  <p>Appendix 6</p> </div> </div> |   |         |


| Question                        | Response  | Details   |
|---------------------------------|---|---|
| Corrective action needed, Notes | Mortenson to reseed east area of Substation that they ran over or trenched. Scheduled to reseed 8/17/2018 |   |
| BMP 4                           |   |   |
| BMP Number                      | T-line: wattles   |   |
| Is BMP Installed?               | No  | Spoil cleanup is complete. Spoil piles have been either picked up or handed over to landowners. |
| BMP 5                           |   |   |
| BMP Number                      | T-line: dumpster cover  |   |
| Is BMP Installed?               | Yes   |   |
| BMP Maintenance Required?       | No  |   |

## 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?          | No                   |         |
| 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?                            |          |         |
| <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:  |          |         |

## 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 | 16 Aug 2018 05:59 PM   |  |
| Date:   |              | 16 Aug 2018            |   |

## Media



Appendix 1



Appendix 2



Appendix 3



Appendix 4





Appendix 5



Appendix 6