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**E & A CONSULTING GROUP, INC.**  
*Engineering Answers*

Zachary A. Jilek, CPESC, CISEC  
 Environmental Services Dept. Manager

**E&A- P2015.717.002**

Inspector: Chase Wickard		Stage
Project Name:	<b>Bennington Storage</b>	2
For Week Ending:	<b>CSW-201701311</b>	
Project Location:	<b>8/26/2017</b>	
	<b>12616 N. 156th Street, Bennington, NE (Douglas County)</b>	<b>68007</b>

Grading:	100%			
Sanitary Sewer:	15%			
Storm Sewer:	10%			
Paving:	85%			
Seeding:	100%			
Utilities:	0%			
Overall Development:	15%			

RAIN FALL AMOUNTS	Amount in tenths	Date Inspected	Weather Conditions	
				<b>Week 1</b>
Sunday:	0.00"			
Monday	0.00"			
Tuesday	1.19"			
Wednesday	0.36"	08/16/17	79/65 Tstorm	
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				<b>Week 2</b>
Sunday:	0.90"			
Monday	0.47"	8/21/2017	83/65 Tstorm	
Tuesday	0.03"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.42"			
Saturday	0.00"			
				<b>Week 3</b>
Sunday:	NA			
Monday	NA			
Tuesday	NA			
Wednesday	NA			
Thursday	NA			
Friday	NA			
Saturday	NA			

08/30/17

svencil@prairie-construction.com

**Complaints:** Don Christensen with Douglas County Permits and Right of Ways contacted the E&A inspector and informed them that enforcement action would be taken if the water and silt on the roads was not addressed. The E&A inspector contacted Steve Rease the vice president of Prairie Construction and the land owner Geoff McGregor and informed them of the phone call on 8/9/17. In response to the complaint Steve Vencil began maintenance on the site in the form of seeding EM 1-EM 5 which is reflected in the BMP section of this report. In addition they added silt fence checks to SF 1 and SF 2 prior to the inspection on 8/21/17. The E&A inspector informed Steve Vencil that the entrance still needs stabilized with 3" rock, and the SF1 still needs cleaned out and repaired in the southeast corner on 8/27/17.

**Construction Sequencing:**  
 Which portion(s) (i.e. drainage basins) of the site have had a temporary or permanent cessation of grading, earthwork, or ground disturbance in the last 14 days?

Entire Site scheduled for grading in the next 2 weeks (4/28/17). Site stripped (5/17/17). Grading was underway (6/05/17). Grading was completed prior to the inspection on 6/30/17. Minor grading to be completed at a later time.

**Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days? :**

Entire Site scheduled for grading in the next 2 weeks (4/28/17). Site stripped (5/17/17). Grading was underway (6/05/17). Grading was completed prior to the inspection on 6/30/17. Minor grading to be completed at a later time.

**What temporary or permanent stabilization measures listed in this section are being implemented?**

Existing Vegetation (4/28/17). Prairie Construction seeded the site (8/16/17). Prairie Construction installed erosion control matting on the northeast corner of the site (8/16/17). Prairie Construction installed erosion control matting on the south, east, and northern borders of the site BMPs EM1-EM5 (8/21/17).

**SUMMARY QUESTIONS:**

Are approved entrances and adjacent streets being maintained adequately?  
 No, See BMP Section

Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?  
 No, the silt fence is down in several locations and allowing untreated water to leave the site.

**CHECKLIST QUESTIONS:**

Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?  
 Yes

Is dust associated with the construction activity adequately controlled on the site?  
 Yes

**Comments:**

Steve Vencil with Prairie Construction emailed photos of work being done as a result of a complaint by Douglas County. Some of the work was adequate, however some maintenance is still needed in the BMP section to bring the site into compliance.

**Findings / Corrective Actions (Date):**

- Findings / Corrective Actions (Date):**  
 1.) Some maintenance required in BMP Section.  
 2.) Prairie Construction seeded the idel part of the site, which includes all areas not being built on prior to the inspection on 8/21/17.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE1	Construction Entrance	N. 156th Street	5/13/2017	Active	Yes

Current Condition:	<b>Poor Condition - 30% functioning. Prairie Construction added fine rock to the entrance prior to the inspection on 8/21/17. The construction entrance is not functioning properly.</b>				
	1. The rock entrance needs moved per the SWPPP 2. <b>Larger 3" rock needs added to the construction entrance for proper function.</b>				
	1. Prairie Construction was informed to complete by 5/24/17. Not done as of the last inspection. Prairie Construction was reminded on 6/20/17, 7/5/17, 7/28/17, 8/18/17. 2. <b>Prairie Construction was informed to complete by 8/28/17.</b>				
CW 1	Concrete Washout	On Site	8/9/2017	Active	No
Current Condition:	Good condition - Prairie Construction installed the washout prior to the inspection on 8/9/17				
D 1	Diversion	North side of Site	7/13/2017	Active	Yes
Current Condition:	Good Condition - Prairie Construction installed the diversion prior to the inspection on 7/13/17.				
D 2	Diversion	South East site of Site	7/13/2017	Active	Yes
Current Condition:	Good Condition - Prairie Construction installed the diversion prior to the inspection on 7/13/17.				
D 3	Diversion	South side of site	6/24/2017	Pending	Yes
Current Condition:	Pending - The diversion needs to be installed. Prairie Construction was informed to complete by 6/24/17. Not done as of the last inspection. Prairie Construction was reminded on 7/5/17, 7/28/17, 8/18/17.				
D 4	Diversion	North of SB 2	6/24/2017	Pending	Yes
Current Condition:	Pending - The diversion needs to be installed. Prairie Construction was informed to complete by 6/24/17. Not done as of the last inspection. Prairie Construction was reminded on 7/5/17, 7/28/17, 8/18/17.				
EC 1	Erosion Control Transition Matting	Outfall of SB 2	8/5/2017	Pending	No
Current Condition:	Pending - To be installed once outfall is constructed.				
EC 2	Erosion Control Transition Matting	Outfall of SB 1	8/5/2017	Pending	No
Current Condition:	Pending - To be installed once outfall is constructed.				
EM 1	Erosion Control Matting	SE corner of site	9/5/2017	Active	No
Current Condition:	<b>Good Condition - Prairie Construction installed erosion control matting prior to the inspection on 8/21/17.</b>				
EM 2	Erosion Control Matting	South side of site	8/21/2017	Active	No
Current Condition:	<b>Good Condition - Prairie Construction installed erosion control matting prior to the inspection on 8/21/17.</b>				
EM 3	Erosion Control Matting	SW corner of site	8/21/2017	Active	No
Current Condition:	<b>Good Condition - Prairie Construction installed erosion control matting prior to the inspection on 8/21/17.</b>				
EM 4	Erosion Control Matting	West side of site	8/21/2017	Active	No
Current Condition:	<b>Good Condition - Prairie Construction installed erosion control matting prior to the inspection on 8/21/17.</b>				
EM 5	Erosion Control Matting	NW corner of site	8/16/2016	Active	No
Current Condition:	<b>Good Condition - Prairie Construction installed erosion control matting prior to the inspection on 8/21/17.</b>				
EM 6	Erosion Control Matting	North side of site	7/13/2017	Pending	Yes
Current Condition:	Pending - Erosion control matting needs installed due to grading being completed. Prairie Construction was informed to complete by 6/8/17. Not done as of the last inspection. Prairie Construction was reminded on 7/28/17.				
EM 7	Erosion Control Matting	North side of site	7/13/2017	Pending	Yes
Current Condition:	Pending - Erosion control matting needs installed due to grading being completed. Prairie Construction was informed to complete by 6/8/17. Not done as of the last inspection. Prairie Construction was reminded on 7/28/17.				
EM 8	Erosion Control Matting	East side of site	7/13/2017	Pending	Yes
Current Condition:	Pending - Erosion control matting needs installed due to grading being completed. Prairie Construction was informed to complete by 6/8/17. Not done as of the last inspection. Prairie Construction was reminded on 7/28/17, 8/18/17.				
IP 1	Inlet Protection	SE corner of buildings	6/30/2017	Pending	Yes
Current Condition:	Pending - To be installed once inlet is constructed.				
IP 2	Inlet Protection	SE corner of buildings	8/5/2017	Pending	No
Current Condition:	Pending - To be installed once inlet is constructed.				
IP 3	Inlet Protection	SE corner of buildings	8/5/2017	Pending	No
Current Condition:	Pending - To be installed once inlet is constructed.				
IP 4	Inlet Protection	South of buildings	8/5/2017	Pending	No
Current Condition:	Pending - To be installed once inlet is constructed.				
IP 5	Inlet Protection	SW corner of buildings	8/5/2017	Pending	No
Current Condition:	Pending - To be installed once inlet is constructed.				
IP 6	Inlet Protection	West of CE 1	8/5/2017	Pending	No
Current Condition:	Pending - To be installed once inlet is constructed.				
IP 7	Inlet Protection	Near CE 1	8/5/2017	Pending	No
Current Condition:	Pending - To be installed once inlet is constructed.				
IP 8	Inlet Protection	SE corner of site	8/21/2017	Active	No
Current Condition:	<b>Good Condition - Prairie Construction installed inlet protection prior to the inspection on 8/21/17. The inlet protection needs to be installed.</b>				

SF 1	Silt Fence	All sides of site	4/28/2017	Active	Yes
Current Condition:	<p><b>Fair Condition - Prairie Construction installed J hooks on the southern end of the site prior to the inspection on 8/21/17. Prairie Construction removed the silt fence on the southwest border of the site prior to the inspection on 8/21/17 after installing erosion control protection. Due to the grade the silt fence is not needed. Prairie Construction removed the silt fence on the northern side of the site after installing erosion control matting prior to the inspection on 8/21/17, the inspector will monitor the need for the silt fence.</b></p> <p>1) The silt fence needs to be cleaned out, backfilled, and repaired at the SE corner of the site. 2.) The silt fence needs cleaned out on the west side of the site.</p> <p>1) Prairie Construction was informed to complete by 5/24/17. Not done as of the last inspection. Prairie Construction was reminded on 6/20/17, 7/28/17, 8/18/17. <b>Not done as of the last inspection</b> 2.) Prairie Construction was informed to complete by 6/24/17. Not done as of the last inspection. Prairie Construction was reminded on 7/5/17, 7/28/17, 8/18/17. <b>Not done as of the last inspection.</b></p>				
SF 2	Silt Fence	East side of site	4/28/2017	Active	No
Current Condition:	<p><b>Good Condition - Prairie Construction repaired the silt fence and installed a Jhook prior to the inspection on 8/21/17.</b></p>				
SF 3	Silt Fence	NE corner of site	7/13/2017	Active	No
Current Condition:	<p>Good Condition - Prairie Construction installed the silt fence prior to the inspection on 7/13/17.</p>				
SF 4	Silt Fence	East corner of site	7/13/2017	Active	No
Current Condition:	<p>Good Condition - Prairie Construction installed the silt fence prior to the inspection on 7/13/17.</p>				
SF 5	Silt Fence	SE corner of site	7/13/2017	Active	No
Current Condition:	<p>Good Condition - Prairie Construction installed the silt fence prior to the inspection on 7/13/17.</p>				
SF 6	Silt Fence	SE corner of site	7/13/2017	Active	No
Current Condition:	<p>Good Condition - Prairie Construction installed the silt fence prior to the inspection on 7/13/17.</p>				
SB 1	Sediment Basin	SW corner of the site	5/5/2017	Pending	Yes
Current Condition:	<p>Pending - Prairie Construction installed the silt basin prior to the inspection on 6/17/17.</p> <p>The riser needs installed.</p> <p>Prairie Construction was informed to complete by 6/24/17. Not done as of the last inspection. Prairie Construction was reminded on 7/5/17, 7/28/17.</p>				
SB 2	Sediment Basin	SE corner of the site		Removed	
Current Condition:	<p>Removed- Due to an updated SWPPP this basin is no longer needed prior to the inspection on 6/30/17.</p>				
ST 1	Sediment Trap	NE corner of site	6/30/2017	Active	No
Current Condition:	<p>Good Condition - Prairie Construction installed the silt trap prior to the inspection on 6/30/17.</p>				
ST 2	Sediment Trap	East corner of site	6/30/2017	Active	No
Current Condition:	<p>Good Condition - Prairie Construction installed the silt trap prior to the inspection on 6/30/17.</p>				
ST 3	Sediment Trap	SE corner of site	6/30/2017	Active	No
Current Condition:	<p>Good Condition - Prairie Construction installed the silt trap prior to the inspection on 6/30/17.</p>				
ST 4	Sediment Trap	SE corner of site	6/30/2017	Active	No
Current Condition:	<p>Good Condition - Prairie Construction installed the silt trap prior to the inspection on 6/30/17.</p>				
STR	Streets	On Site	4/28/2017	Active	Yes
Current Condition:	<p><b>Fair Condition -</b></p> <p><b>The track out needs cleaned up in front of the construction entrance along 156th street.</b></p> <p><b>Prairie Construction was informed to complete by 8/22/17. Not done as of the last inspection.</b></p>				
SWPPP Sign	SWPPP Sign	N. 156th Street	6/24/2017	Pending	Yes
Current Condition:	<p>Pending -</p> <p>The SWPPP sign needs to be installed.</p> <p>The E&amp;A inspector will install the sign when it arrives. Not done as of the last inspection.</p>				
Inspector Signature: <i>Chris Anderson</i>		Reviewed By: <i>Rob</i>			