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Engineering Answers

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

E&A- P2015.717.002

Inspector: Chase Wickard		Stage
Project Name:	Bennington Storage CSW-201701311	2
For Week Ending:	7/22/2017	
Project Location:	12616 N. 156th Street, Bennington, NE (Douglas County)	68007

Grading:	100%			
Sanitary Sewer:	0%			
Storm Sewer:	0%			
Paving:	20%			
Seeding:	100%			
Utilities:	0%			
Overall Development:	15%			

RAIN FALL AMOUNTS	Amount in tenths	Date Inspected	Weather Conditions	
				Week 1
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.10"			
Wednesday	0.00"			
Thursday	0.11"	7/13/2017	84/70 Rain	
Friday	0.00"			
Saturday	0.00"			
				Week 2
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.09"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				Week 3
Sunday:	N/A	N/A		
Monday	N/A	N/A		
Tuesday	N/A	N/A		
Wednesday	N/A	N/A		
Thursday	N/A	N/A		
Friday	N/A	N/A		
Saturday	N/A	N/A		

Complaints:	

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.

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.

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

Existing Vegetation (4/28/17).

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?

Yes

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:

Comments:

1. Site was active and grading was underway prior to last inspection on 6/17/17.
2. The E&A inspector made a maintenance plan based of an outdated SWPPP. The current SWPPP is now being used and the report has been updated to reflect this prior to the inspection on 6/30/17.
3. Bio-retention Basins A and B were installed prior to the inspection on 6/17/17.

Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):

1.) Some maintenance required in BMP Section

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE1	Construction Entrance	N. 156th Street	5/5/2017	Pending	Yes
Current Condition:	Pending - A rock entrance needs to be installed. 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 .				
CW 1	Concrete Washout	On Site	7/5/2017	Pending	No
Current Condition:	Pending - To be installed once concrete work begins.				
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.				
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.				
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	Pending	No
Current Condition:	Pending - To be installed after grading is complete in the area.				
EM 2	Erosion Control Matting	South side of site	6/30/2017	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.				
EM 3	Erosion Control Matting	SW corner 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.				
EM 4	Erosion Control Matting	West 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.				
EM 5	Erosion Control Matting	NW corner 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.				
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.				
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.				
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.				
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	8/5/2017	Pending	Yes
Current Condition:	Pending - The inlet protection needs to be installed. 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.				
SF 1	Silt Fence	All sides of site	4/28/2017	Active	Yes
Current Condition:	Fair Condition - Commercial Seeding installed the silt fence prior to the inspection on 4/28/17. 1) The silt fence needs to be cleaned out, backfilled, and repaired at the SE corner of the site. 2.) The silt fence needs reinstalled and cleaned out on the east side of the site. 3.) The silt fence needs cleaned out on the west side of the site. 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. 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. 3.) 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.				
SF 2	Silt Fence	East side of site	4/28/2017	Active	No
Current Condition:	Good Condition - Commercial Seeding installed the silt fence prior to the inspection on 4/28/17.				
SF 3	Silt Fence	NE corner of site	7/13/2017	Active	No
Current Condition:	Good Condition - Prairie Construction installed the silt fence prior to the inspection on 7/13/17.				
SF 4	Silt Fence	East corner of site	7/13/2017	Active	No
Current Condition:	Good Condition - Prairie Construction installed the silt fence prior to the inspection on 7/13/17.				
SF 5	Silt Fence	SE corner of site	7/13/2017	Active	No
Current Condition:	Good Condition - Prairie Construction installed the silt fence prior to the inspection on 7/13/17.				
SF 6	Silt Fence	SE corner of site	7/13/2017	Active	No
Current Condition:	Good Condition - Prairie Construction installed the silt fence prior to the inspection on 7/13/17.				
SB 1	Sediment Basin	SW corner of the site	5/5/2017	Pending	Yes
Current Condition:	Pending - Prairie Construction installed the silt basin prior to the inspection on 6/17/17. The riser needs 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.				
SB 2	Sediment Basin	SE corner of the site		Removed	
Current Condition:	Removed- Due to an updated SWPPP this basin is no longer needed prior to the inspection on 6/30/17.				
ST 1	Sediment Trap	NE corner of site	6/30/2017	Active	No
Current Condition:	Good Condition - Prairie Construction installed the silt trap prior to the inspection on 6/30/17.				
ST 2	Sediment Trap	East corner of site	6/30/2017	Active	No
Current Condition:	Good Condition - Prairie Construction installed the silt trap prior to the inspection on 6/30/17.				
ST 3	Sediment Trap	SE corner of site	6/30/2017	Active	No
Current Condition:	Good Condition - Prairie Construction installed the silt trap prior to the inspection on 6/30/17.				
ST 4	Sediment Trap	SE corner of site	6/30/2017	Active	No
Current Condition:	Good Condition - Prairie Construction installed the silt trap prior to the inspection on 6/30/17.				
STR	Streets	On Site	4/28/2017	Active	No
Current Condition:	Good Condition - No track out visible.				
SWPPP Sign	SWPPP Sign	N. 156th Street	6/24/2017	Pending	Yes
Current Condition:	Pending - The SWPPP sign needs to be installed. The E&A inspector will install the sign when it arrives. Not done as of the last inspection.				

Inspector Signature: *Chase Allred*

Reviewed By: *Rt. Hon.*