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Engineering Answers

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

E&A- P2019.032.002

Inspector: Avery Dresser		Stage
Project Name:	Kempton Creek CSW-202004665	2
For Week Ending:	9/12/2020	
Project Location:	North 156th Street and Bennington Road - Bennington, NE (Douglas County)	68007

Grading:	35%			
Sanitary Sewer:	0%			
Storm Sewer:	0%			
Paving:	0%			
Seeding:	0%			
Utilities:	0%			
Overall Development:	5%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.00"				
Monday	0.01"	8/31/2020	Partly Cloudy 77/59	1:30 PM	
Tuesday	0.01"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 3
Sunday:	0.00"				
Monday	0.25"				
Tuesday	1.02"				
Wednesday	0.28"	9/9/2020	Rain 49/42	6:25 PM	
Thursday	0.32"				
Friday	0.02"				
Saturday	0.00"				

Complaints:	None

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?

Roth began mass grading the site (8/18/20).

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

Roth began mass grading the site (8/18/20).

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

Existing vegetation (8/18/20).

Checklist Questions:

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

Create Corrective Action?

N/A

Have disturbed areas been seeded or otherwise stabilized as required? List inactive portions of the project and if stabilization measure are adequate or needed to prevent erosion.
Yes
Create Corrective Action?
N/A

Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?
No
Create Corrective Action?
No, See BMP Section


Are construction entrances and adjacent streets being maintained adequately?
Yes
Create Corrective Action?
N/A

Is dust associated with the construction activity adequately controlled on the site?
Yes
Create Corrective Action?
N/A

Comments:
Comments:
The site was **inactive** during the last inspection.

Findings / Corrective Actions (Date):
Findings / Corrective Actions (Date):
1) Some maintenance is needed in the BMP section.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	D-2	8/18/2020	Active	No
Current Condition:	Good Condition - 90% effective - Roth Enterprises installed the construction entrance prior to the inspection on 8/18/20.				
D1	Diversion	O-15 to M-6	9/1/2020	Pending	No
Current Condition:	Pending - The diversion will be installed along with SB A when grading reaches the area.				
ET 1-5	Erosion Control Terraces	E-14, E-16, E-18, H-16, H-18	10/15/2020	Pending	No
Current Condition:	Pending - The erosion control terraces will be installed when the area is near the final grade.				
ET 6-10	Erosion Control Terraces	H-19, H-21, K-17, K-19, K-20	10/15/2020	Pending	No
Current Condition:	Pending - The erosion control terraces will be installed when the area is near the final grade.				
ET 11-15	Erosion Control Terraces	N-17, J-27, K-27, M-27, N-27	10/15/2020	Pending	No
Current Condition:	Pending - The erosion control terraces will be installed when the area is near the final grade.				
FT 1	Fuel Tank	F-19	8/18/2020	Active	Yes
Current Condition:	Fair Condition - Roth Enterprises installed a fuel tank with secondary containment in their staging area near the southwest corner of the site prior to the inspection on 8/18/20. A plug should be installed in the secondary containment tank's port. Roth Enterprises was informed to complete by 8/25/20. Not done as of the last inspection. Roth Enterprises was reminded on 9/11/20.				
MS 1	Material Storage Area	E-5	10/15/2020	Pending	No
Current Condition:	Pending - There is currently no need for a designated material storage area on-site due to no materials needing stored, the E&A inspector will continue to monitor.				
PB 1	Portable Bathroom	E-19	8/18/2020	Active	No
Current Condition:	Good Condition - Roth Enterprises installed and staked down a portable toilet in their staging area near the southwest corner of the site prior to the inspection on 8/18/20.				
SB 1	Sediment Basin	F-3	9/15/2020	Pending	No
Current Condition:	Pending - The future location of the basin is currently an active soybean field, and the main upstream discharge area the basin is intended to capture runoff from has not yet been graded. The E&A inspector will continue to monitor and recommend the basin be installed before the main portion of the site upstream from it is graded.				
SF 1	Silt fence	M-5 to T-13	8/18/2020	Active	Yes
Current Condition:	Fair Condition - Roth Enterprises installed the silt fence prior to the inspection on 8/18/20. The silt fence should be cleaned out where full at the east end. Boyer Young was informed to complete by 9/16/20.				

SF 2	Silt fence	D-5 to D-11	9/22/2020	Pending	No
Current Condition:	Pending - The silt fence is not currently necessary as the upstream area has not yet been graded. The E&A inspector will recommend installing the silt fence prior to grading of the upstream area.				
SF 3	Silt fence	D-21 to D-25	9/22/2020	Pending	No
Current Condition:	Pending - The silt fence is not currently necessary as the upstream area has not yet been graded. The E&A inspector will recommend installing the silt fence prior to grading of the upstream area.				
SF 4	Silt fence	R-16 to P-27	8/18/2020	Active	No
Current Condition:	Good Condition - Roth Enterprises installed the silt fence prior to the inspection on 8/18/20.				
SF 5	Silt fence	E-2 to E-5	10/22/2020	Pending	No
Current Condition:	Pending - The silt fence is not currently necessary as the upstream area has not yet been graded. The E&A inspector will recommend installing the silt fence prior to grading of the upstream area.				
WO 1	Concrete Washout	E-5	11/15/2020	Pending	No
Current Condition:	Pending - A concrete washout is not currently necessary due to no active paving work on-site. The E&A inspector will recommend installing a concrete washout prior to the start of paving.				
WS 1	Waste Storage Area	E-5	11/15/2020	Pending	No
Current Condition:	Pending - There is currently no need for a designated waste storage area on-site due to no waste materials being generated or stored on-site; the E&A inspector will continue to monitor.				
WT 1	Straw Wattles	AA-10	10/22/2020	Pending	No
Current Condition:	Pending - The wattle is no currently necessary due to no active grading in the area.				
WT 2	Straw Wattles	AA-11	10/22/2020	Pending	No
Current Condition:	Pending - The wattle is no currently necessary due to no active grading in the area.				
WT 3	Straw Wattles	Z-13	10/22/2020	Pending	No
Current Condition:	Pending - The wattle is no currently necessary due to no active grading in the area.				
STR	Streets	Bennington Road, N. 156th Street	8/18/2020	Active	No
Current Condition:	Good Condition - The streets were free of trackout as of the last inspection.				
SWPPP Sign	SWPPP Notification Sign	E-2	9/9/2020	Active	No
Current Condition:	Good Condition - The E&A inspector installed the SWPPP sign by CE-1 during the inspection on 9/09/20.				
Inspector Signature:				Reviewed By:	
				