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Engineering Answers

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 Environmental Services Dept. Manager

E&A - P2019.032.002

Inspector: Hannah Herzfeld		Stage
Project Name:	Kempton Creek CSW-202004665	2
For Week Ending:	3/27/2021	
Project Location:	North 156th Street and Bennington Road - Bennington, NE (Douglas County)	68007

Grading:	72%			
Sanitary Sewer:	0%			
Storm Sewer:	0%			
Paving:	0%			
Seeding:	0%			
Utilities:	0%			
Overall Development:	10%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	2.83"				
Monday:	0.16"	3/15/2021	Cloudy 40/36	4:15 PM	
Tuesday:	0.00"				
Wednesday:	0.00"				
Thursday:	0.00"				
Friday:	0.00"				
Saturday:	0.00"				
					Week 2
Sunday:	0.00"				
Monday:	0.31"				
Tuesday:	1.05"				
Wednesday:	0.03"	3/25/2021	Cloudy 49/38	3:55 PM	
Thursday:	0.00"				
Friday:	0.00"				
Saturday:	0.00"				
					Week 3
Sunday:	N/A				
Monday:	N/A				
Tuesday:	N/A				
Wednesday:	N/A				
Thursday:	N/A				
Friday:	N/A				
Saturday:	N/A				

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), Site is inactive due to winter conditions (12/17/20).
 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), Site is inactive due to winter conditions (12/17/20).
 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?
No
 Create Corrective Action?
No, see BMPs Section.

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?
Yes
Create Corrective Action?
N/A

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 most recent inspection.

Findings / Corrective Actions (Date):
Findings / Corrective Actions (Date):
1.) Some maintenance is needed in the BMP section.
2.) Sediment should be cleaned up on the outside of SF 5. Boyer young was informed to complete by 3/22/21. **Not done as of last inspetion. Boyer Young was reminded on 3/26/21.**

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	D-2	8/18/2020	Active	No
Current Condition:	Good Condition - 85% effective - Roth Enterprises installed the construction entrance prior to the inspection on 8/18/20.				
D1	Diversion	O-15 to M-6	11/9/2020	Active	No
Current Condition:	Good Condition - Roth installed the diversion prior to the 11/9/20 inspection.				
D2	Diversion	NW Corner	3/24/2021	Active	No
Current Condition:	Good Condition - Roth Enterprises installed diversions 3/21/21 in the northeast and southwest corners of the site. E&A inspector will monitor during next inspection as of 3/22/21. Roth Enterprises installed a diversion in the northwest corner of the site prior to the inspection on 3/24/21.				
D3	Diversion	SW Corner	3/24/2021	Active	No
Current Condition:	Good Condition - Roth Enterprises installed diversions 3/21/21 in the northeast and southwest corners of the site. E&A inspector will monitor during next inspection as of 3/22/21. Roth Enterprises installed a diversion in the southwest corner of the site prior to the inspection on 3/24/21.				
D4	Diversion	SE Corner	3/24/2021	Active	No
Current Condition:	Good Condition - Roth Enterprises installed diversions 3/21/21 in the northeast and southwest corners of the site. E&A inspector will monitor during next inspection as of 3/22/21. Roth Enterprises installed a diversion in the southeast corner of the site prior to the inspection on 3/24/21.				
ET 1-5	Erosion Control Terraces	E-14, E-16, E-18, H-16, H-18	9/22/2020	Pending	Yes
Current Condition:	Pending - The remaining erosion control terraces will be installed when their respective areas are near the final grade. Roth Enterprises installed ET 4,5 prior to the inspection on 9/22/20. Roth Enterprises removed ET 4 during mass grading prior to the inspection on 10/05/20. The E&A inspector will monitor for reinstallation when area is near final grade. All farm terraces were removed for grading prior to the 10/12/20 inspection, the inspector will recommend reinstallation as necessary. All terraces should be installed when grading allows. Roth Enterprises was informed to complete by 10/19/20. Not done as of the last inspection. Roth Enterprises was				
ET 6-10	Erosion Control Terraces	H-19, H-21, K-17, K-19, K-20	9/22/2020	Pending	Yes
Current Condition:	Pending - Roth Enterprises installed ET 6-10 prior to the inspection on 9/22/20. Roth Enterprises removed ET 8-10 during mass grading prior to the inspection on 10/05/20. The E&A inspector will monitor for reinstallation of the terraces when the area is near final grade. All farm terraces were removed for grading prior to the 10/12/20 inspection, the				
ET 11-15	Erosion Control Terraces	N-17, J-27, K-27, M-27, N-27	10/26/2020	Active	No
Current Condition:	Good Condition - The erosion control terraces will be installed when the area is near the final grade. The area of ET 12-15 appeared to be near final grade as of the inspection on 10/05/20. Roth installed ET 12-15 prior to the 10/26/20 inspection.				
FT 1	Fuel Tank	F-19	8/18/2020	Active	No
Current Condition:	Good 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. Roth installed a plug in the secondary containment prior				
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,				
PB 1	Portable Bathroom	E-19		Removed	

Current Condition:	Removed - Roth removed the portable toilet prior to the 12/7/20 inspection.				
SB 1	Sediment Basin	F-3	9/15/2020	Pending	Yes
Current Condition:	<p>Pending - 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. Major grading began in the area upstream of the basin prior to the inspection on 10/05/20. Roth dug out the basin prior to the 11/9/20 inspection.</p> <p>The sediment basin should be installed per the SWPPP: Install riser.</p> <p>Roth Enterprises was informed to complete by 10/12/20. Not done as of the last inspection. Roth Enterprises was reminded on 10/13/20, 3/2/21, 3/26/21</p>				
SF 1	Silt fence	M-5 to T-13	8/18/2020	Active	Yes
Current Condition:	<p>Fair Condition - Roth Enterprises installed the silt fence prior to the inspection on 8/18/20. The full portion of silt fence at the east end was removed to allow grading of the future Kempton Creek Drive prior to the inspection on 10/05/20. Boyer Young cleaned out the silt fence prior to the 10/12/20 inspection, the silt fence still needs to be repaired. Boyer Young repaired the silt fence prior to the 11/23/20 inspection.</p> <p>Silt fence should be cleaned out where full.</p> <p>Boyer Young was informed to complete by 3/08/21. Not done as of last inspection. Boyer Young was reminded on 3/17/21, 3/26/21</p>				
SF 2	Silt fence	D-5 to D-11	9/22/2020	Pending	Yes
Current Condition:	<p>Fair Condition - 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. The area of the silt fence does not drain offsite as of the 10/12/20 inspection, the inspector will monitor for change in grade. Boyer Young installed the silt fence prior to the inspection on 3/15/21.</p> <p>Silt fence should be cleaned out in a few areas.</p> <p>Boyer Young was informed to complete by 3/22/21. Not done as of last inspection. Boyer Young was reminded on 3/26/21</p>				
SF 3	Silt fence	D-21 to D-25	9/22/2020	Active	Yes
Current Condition:	<p>Fair Condition - 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. Boyer Young installed an additional portion of silt fence that extends to the southeast corner of the site prior to the inspection on 12/17/20, E&A inspector will continue to monitor.</p> <p>Silt should be cleaned out where full.</p> <p>Boyer Young was informed to complete when conditions allow on 1/15/21. Not done as of last inspection. Boyer Young was reminded on 3/2/21, 3/17/21, 3/26/21</p>				
SF 4	Silt fence	R-16 to P-27	8/18/2020	Active	Yes
Current Condition:	<p>Fair Condition - Roth Enterprises installed the silt fence prior to the inspection on 8/18/20. Boyer Young cleaned out the silt fence prior to the 11/23/20 inspection.</p> <ol style="list-style-type: none"> Silt fence should be repaired and cleaned out where full near southwest corner of site. Silt fence should be cleaned out where full along eastern perimeter. <p>1. Boyer Young was informed to complete when conditions allow on 1/15/21. Not done as of last inspection. Boyer Young was reminded on 3/2/21, 3/17/21, 3/26/21</p> <p>2. Boyer Young was informed to complete when conditions allow on 1/15/21. Not done as of last inspection. Boyer Young was reminded on 3/2/21, 3/17/21, 3/26/21</p>				
SF 5	Silt fence	E-2 to E-5	10/26/2020	Active	Yes

Current Condition:	Fair Condition - Boyer Young installed the silt fence prior to the 10/26/20 inspection. Boyer Young cleaned out the silt fence prior to the 11/23/20 inspection.				
	1. Silt fence should be cleaned out near southern end. 2. Silt fence should be repaired where torn near southern end. 3. Sediment on the west side of the fence should be cleaned up. 1. Boyer Young was informed to complete when conditions allow on 1/15/21. Not done as of last inspection. Boyer Young was reminded on 3/2/21, 3/17/21, 3/26/21 2. Boyer Young was informed to complete when conditions allow on 1/15/21. Not done as of last inspection. Boyer Young was reminded on 3/2/21, 3/17/21, 3/26/21 3. Boyer Young was informed to complete by 3/22/21. Not done as of last inspection. Boyer Young was reminded on 3/26/21				
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	Yes
Current Condition:	Pending - The area was graded prior to the inspection on 10/05/20. The wattles should be installed. Boyer Young was informed to complete by 10/12/20. Not done as of the last inspection. Boyer Young was reminded on 11/12/20, 1/15/21, 3/2/21, 3/17/21, 3/26/21				
WT 2	Straw Wattles	AA-11	10/22/2020	Pending	Yes
Current Condition:	Pending - The area was graded prior to the inspection on 10/05/20. The wattles should be installed. Boyer Young was informed to complete by 10/12/20. Not done as of the last inspection. Boyer Young was reminded on 11/12/20, 1/15/21, 3/2/21, 3/17/21, 3/26/21				
WT 3	Straw Wattles	Z-13	10/22/2020	Pending	Yes
Current Condition:	Pending - The area was graded prior to the inspection on 10/05/20.				
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: <i>Hamish Herd</i>			Reviewed By: <i>[Signature]</i>		