

E & A Consulting Group, Inc.
 10909 Mill Valley Road, Suite 100
 Omaha, NE 68154
 tel 402.895.4700
 fax 402.895.3599
 www.eacg.com



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Engineering Answers

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

E&A - P2019.032.002

Inspector: Hannah Herzfeld		Stage
Project Name:	Kempton Creek	2
For Week Ending:	CSW-202004665	
Project Location:	1/23/2021	
	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:	0.00"				
Monday:	0.00"				
Tuesday:	0.00"				
Wednesday:	0.08"				
Thursday:	0.03"	1/14/2021	Snow 45/33	10:40 AM	
Friday:	0.00"				
Saturday:	0.00"				
					Week 2
Sunday:	0.00"				
Monday:	0.00"				
Tuesday:	0.00"				
Wednesday:	0.00"				
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).
 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?
 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.

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	Diversions	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.				

ET 1-5	Erosion Control Terraces	E-14, E-16, E-18, H-16, H-18	9/22/2020	Pending	Yes
Current Condition:	<p>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.</p> <p>All terraces should be installed when grading allows.</p> <p>Roth Enterprises was informed to complete by 10/19/20. Not done as of the last inspection.</p>				
ET 6-10	Erosion Control Terraces	H-19, H-21, K-17, K-19, K-20	9/22/2020	Pending	Yes
Current Condition:	<p>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 inspector will recommend reinstallation as necessary.</p> <p>All terraces should be installed when grading allows.</p> <p>Roth Enterprises was informed to complete by 10/19/20. Not done as of the last inspection.</p>				
ET 11-15	Erosion Control Terraces	N-17, J-27, K-27, M-27, N-27	10/26/2020	Active	No
Current Condition:	<p>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.</p>				
FT 1	Fuel Tank	F-19	8/18/2020	Active	No
Current Condition:	<p>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 to the 10/26/20 inspection.</p>				
MS 1	Material Storage Area	E-5	10/15/2020	Pending	No
Current Condition:	<p>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.</p>				
PB 1	Portable Bathroom	E-19		Removed	
Current Condition:	<p>Removed - Roth removed the portable toilet prior to the 12/7/20 inspection.</p>				
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.</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.</p>				
SF 1	Silt fence	M-5 to T-13	8/18/2020	Active	No
Current Condition:	<p>Good 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>				
SF 2	Silt fence	D-5 to D-11	9/22/2020	Pending	Yes
Current Condition:	<p>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. 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.</p> <p>Silt fence should be installed.</p> <p>Boyer Young was informed to complete when conditions allow on 1/15/21</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. On 1/14/21 inspection silt fence was full.</p> <p>Silt should be cleaned out where full.</p> <p>Boyer Young was informed to complete when conditions allow on 1/15/21</p>				
SF 4	Silt fence	R-16 to P-27	8/18/2020	Active	Yes
Current Condition:	<p>Good 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> <p>Silt fence should be repaired and cleaned out where full near southwest corner of site.</p> <p>Boyer Young was informed to complete when conditions allow on 1/15/21.</p>				
SF 5	Silt fence	E-2 to E-5	10/26/2020	Active	Yes
Current Condition:	<p>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.</p> <p>1. Silt fence should be cleaned out near southern end.</p> <p>2. Silt fence should be repaired where torn near southern end.</p> <p>1. Boyer Young was informed to complete when conditions allow on 1/15/21</p> <p>2. Boyer Young was informed to complete when conditions allow on 1/15/21</p>				
WO 1	Concrete Washout	E-5	11/15/2020	Pending	No
Current Condition:	<p>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.</p>				
WS 1	Waste Storage Area	E-5	11/15/2020	Pending	No
Current Condition:	<p>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.</p>				
WT 1	Straw Wattles	AA-10	10/22/2020	Pending	Yes
Current Condition:	<p>Pending - The area was graded prior to the inspection on 10/05/20.</p> <p>The wattles should be installed.</p> <p>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</p>				
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				
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. 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				
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>Hamilton H. H. H.</i>			Reviewed By:	<i>R. H. H.</i>