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Engineering Answers

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

E&A - P2021.321.000

Inspector: Shaun McGuire		Stage
Project Name:	Morgan Ridge CSW-202207264	1
For Week Ending:	8/12/2023	
Project Location:	Southwest corner of Kempton Creek Drive and 156th Street - Bennington, NE (Douglas County)	68007

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

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.08"				
Monday:	0.00"				
Tuesday:	0.02"				
Wednesday:	0.10"				
Thursday:	0.00"	8/10/2023	Sunny 87/65	10:10 AM	
Friday:	0.07"				
Saturday:	0.00"				

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?

Grading the site (4/20/23).

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

Grading the site (4/20/23).

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

Existing vegetation (4/20/23). Northwestern area seeded (7/27/23).

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?

No

Create Corrective Action?

No, See BMP section.

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

Yes

Create Corrective Action?

N/A

Comments:

Comments:


The site was active during the most recent inspection.

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

Some maintenance is needed in the BMP section.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	OO-23	4/20/2023	Active	Yes
Current Condition:	Fair Condition - 65% Effective - Ruff Grading installed the construction entrance prior to the 6/15/23 inspection. Rock should be added to the construction entrance. Ruff Grading was informed to complete by 8/17/23.				
D 1	Diversion	BB-4	6/29/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the diversion prior to the 6/29/23 inspection.				
D 2	Diversion	R-5 to Z-4	7/27/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the diversion prior to the 7/27/23 inspection.				
D 3	Diversion	R-5 to S-4	4/20/2023	Pending	Yes
Current Condition:	Pending - Diversion should be installed per SWPPP. Ruff Grading was informed to complete by 5/25/23. Not done as of the last inspection. Ruff Grading was reminded on 6/1/23, 7/14/23, 8/4/23, 8/10/23				
D 4	Diversion	I-9 to R-3	8/10/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the diversion prior to the 8/10/23 inspection.				
D 5	Diversion	I-8 to E-8	7/13/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the diversion prior to the 7/13/23 inspection.				
D 6	Diversion	C-8 to D-8	7/13/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the diversion prior to the 7/13/23 inspection.				
D 7	Diversion	BB-11 to BB-12	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
D 8	Diversion	BB-18 to BB-20	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
D 9	Diversion	NN-23	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
D 10	Diversion	AA-33	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
D 11	Diversion	G-13 to H-13	8/3/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the diversion prior to the 8/3/23 inspection.				
D 12	Diversion	K-14 to H-14	8/3/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the diversion prior to the 8/3/23 inspection.				
EM 1	Erosion Matting	See SWPPP	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when work begins/ends in the area. E&A inspector will monitor.				
EM 2	Erosion Matting	See SWPPP	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when work begins/ends in the area. E&A inspector will monitor.				
EM 3	Erosion Matting	See SWPPP	8/10/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the erosion control matting prior to the 8/10/23 inspection.				
EM 4	Erosion Matting	See SWPPP	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when work begins/ends in the area. E&A inspector will monitor.				
ET 1	Erosion Control Terrace	See SWPPP	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
ET 2	Erosion Control Terrace	See SWPPP	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
ET 3	Erosion Control Terrace	See SWPPP	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
ET 4	Erosion Control Terrace	See SWPPP	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
ET 5	Erosion Control Terrace	See SWPPP	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
ET 6	Erosion Control Terrace	See SWPPP	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
ET 7	Erosion Control Terrace	See SWPPP	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
ET 8	Erosion Control Terrace	See SWPPP	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
FT 1	Fuel Tank	On site	5/4/2023	Active	No
Current Condition:	Good Condition - Ruff Grading brought a fuel tank on site and installed a berm around it prior to the 5/4/23 inspection.				
PB 1	Portable toilet	On site	5/4/2023	Pending	No
Current Condition:	Good Condition - Ruff Grading installed and secured a portable toilet on site prior to the 5/4/23 inspection.				
SB A	Sediment Basin	AA-4	4/20/2023	Pending	Yes

Current Condition:	Pending - Ruff Grading began shaping the basin prior to the 6/8/23 inspection. Basin should be installed per SWPPP. Ruff Grading was informed to complete by 5/25/23. Not done as of the last inspection. Ruff Grading was reminded on 6/1/23, 7/14/23, 8/4/23, 8/10/23				
SB B	Sediment Basin	R-4	4/20/2023	Pending	Yes
Current Condition:	Pending - Ruff Grading began shaping the basin prior to the 6/8/23 inspection. Basin should be installed per SWPPP. Ruff Grading was informed to complete by 5/25/23. Not done as of the last inspection. Ruff Grading was reminded on 6/1/23, 7/14/23, 8/4/23, 8/10/23				
SB C	Sediment Basin	D-8	4/20/2023	Pending	Yes
Current Condition:	Pending - Ruff Grading began shaping the basin prior to the 6/29/23 inspection. Basin should be installed per SWPPP. Ruff Grading was informed to complete by 5/25/23. Not done as of the last inspection. Ruff Grading was reminded on 6/1/23, 7/14/23, 8/4/23, 8/10/23				
SB D	Sediment Basin	HH-32 to NN-29	4/20/2023	Pending	No
Current Condition:	Pending -				
SF 1	Silt Fence	Western Perimeter	4/20/2023	Active	Yes
Current Condition:	Fair Condition - Ruff Grading installed a portion of the silt fence was installed on the west side of the site prior to the 4/20/23 inspection. Ruff Grading installed the remainder of the silt fence prior to the 5/4/23 inspection. Silt fence should be cleaned out. Ruff Grading was informed to complete by 7/20/23. Not done as of last inspection. Ruff Grading was reminded on 8/4/23, 8/10/23				
SF 2	Silt Fence	Southeastern Perimeter	5/4/2023	Active	Yes
Current Condition:	Fair Condition - Ruff Grading installed a majority of the silt fence prior to the 5/4/23 inspection. 1.) Silt fence should be reinstalled where removed. 2.) Silt fence should be cleaned out. 1.) Ruff Grading was informed to complete by 7/20/23. Not done as of last inspection. Ruff Grading was reminded on 8/4/23, 8/10/23 2.) Ruff Grading was informed to complete by 7/20/23. Not done as of last inspection. Ruff Grading was reminded on 8/4/23, 8/10/23				
SF 3	Silt Fence	Southeastern Perimeter	5/4/2023	Active	Yes
Current Condition:	Fair Condition - Ruff Grading installed the silt fence prior to the 5/4/23 inspection. Silt fence should be cleaned out. Ruff Grading was informed to complete by 7/20/23. Not done as of last inspection. Ruff Grading was reminded on 8/4/23, 8/10/23				
SF 4	Silt Fence	Eastern Perimeter	5/4/2023	Active	Yes
Current Condition:	Fair Condition - Ruff Grading installed the silt fence prior to the 5/4/23 inspection. Silt fence should be cleaned out. Ruff Grading was informed to complete by 7/20/23. Not done as of last inspection. Ruff Grading was reminded on 8/4/23, 8/10/23				
SF 5	Silt Fence	Northeastern Perimeter	5/4/2023	Active	Yes
Current Condition:	Fair Condition - Ruff Grading installed the silt fence prior to the 5/4/23 inspection. Silt fence should be cleaned out and repaired. Ruff Grading was informed to complete by 8/10/23. Ruff Grading was reminded on 8/10/23.				
SF 6	Silt Fence	Northern Perimeter	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
SF 7	Silt Fence	Northeastern Perimeter	4/20/2023	Pending	No
Current Condition:	Pending - BMP will be installed when grading begins/ends in the area. E&A inspector will monitor.				
ST A	Sediment Trap	H-13	8/3/2023	Active	No
Current Condition:	Good Condition - 3% Filled - Ruff Grading began shaping the sediment trap prior to the 7/27/23 inspection. Ruff Grading installed the sediment trap prior to the 8/3/23 inspection.				
MS 1	Material Storage	On Site	4/20/2023	Pending	No
Current Condition:	Pending -				
WO 1	Concrete Washout	On Site	4/20/2023	Pending	No
Current Condition:	Pending -				
WS 1	Waste Storage	On Site	4/20/2023	Pending	No
Current Condition:	Pending -				

STR	Streets	N 156th Street	4/20/2023	Active	Yes
Current Condition:	<p>Fair Condition - The streets were free of track out as of the 4/20/23 inspection.</p> <p>Streets should be cleaned.</p> <p>Ruff Grading was informed to complete by 8/11/23.</p>				
SWPPP Sign	SWPPP Notification Sign	On Site	5/11/2023	Active	No
Current Condition:	Good Condition - E&A inspector installed the SWPPP sign during the 5/11/23 inspection.				
Certification Statement:	<p>"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fines and imprisonment for knowing violations."</p>				
Inspector Signature:				Reviewed By: 