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**E & A CONSULTING GROUP, INC.**

*Engineering Answers*

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

**E&A - P2021.321.000**

Inspector: Bryce Wright		Stage
Project Name:	<b>Morgan Ridge CSW-202207264</b>	1
For Week Ending:	<b>12/14/2024</b>	
Project Location:	Southwest corner of Kempton Creek Drive and 156th Street - Bennington, NE (Douglas County)	<b>68007</b>

Grading:	95%			
Sanitary Sewer:	100%			
Storm Sewer:	30%			
Paving:	5%			
Seeding:	50%			
Utilities:	0%			
Overall Development:	5%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					<b>Week 1</b>
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"	12/10/2024	Overcast 38	2:25 PM	
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.02"				
Saturday	0.13"				

**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). Sanitary began (3/14/24). Storm sewer installation began (11/5/24). Paving on site began (11/5/24).

**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). Sanitary began (3/14/24). Storm sewer installation began (11/5/24). Paving on site began (11/5/24).

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

Existing vegetation (4/20/23). Northwestern area seeded (7/27/23). Southern area seeded (8/17/23).

**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.

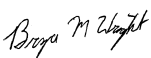
**Is dust associated with the construction activity adequately controlled on the site?**

Yes

**Create Corrective Action?**

N/A					
<b>Comments:</b>					
<b>Comments:</b> The site was active during the most recent inspection.					
<b>Findings / Corrective Actions (Date):</b>					
<b>Findings / Corrective Actions (Date):</b> 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 - 10% Effective - Ruff Grading installed the construction entrance prior to the 6/15/23 inspection. Ruff Grading added more rock to the construction entrance prior to the 8/17/23 inspection. Construction entrance was moved to the Benjamin Street stub road prior to the inspection on 8/20/24.  Construction entrance should have more rock added and be lengthened.  Ruff Grading and Hubbell Homes were informed to complete by 10/12/23. Not done as of last inspection. Ruff Grading and Hubbell Homes were reminded on 10/19/23, 11/10/23, 3/15/24, 5/24/24, 6/13/24, 7/12/24, 7/17/24 K2 Construction was reminded on 8/22/24, 10/2/24, 11/7/24				
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. Roloff repaired the diversion prior to the inspection on 7/23/24. Ruff Grading repaired the erosion rills prior to the inspection on 10/22/24.				
D 3	Diversion	R-5 to S-4		Removed	
Current Condition:	Removed - Diversion no longer needed as of the 11/16/23 inspection.				
D 4	Diversion	I-9 to R-3	8/10/2023	Active	Yes
Current Condition:	Fair Condition - Ruff Grading installed the diversion prior to the 8/10/23 inspection. Ruff Grading re-defined the diversion prior to the 11/9/23 inspection. Roloff repaired the diversion prior to the inspection on 7/23/24.  1.) Erosion rills should be repaired. 2.) Diversion should be reinstalled where removed for storm sewer installation.  1.) Ruff Grading and Hubbell Homes were informed to complete by 11/16/23. Not done as of last inspection. Ruff Grading and Hubbell Homes were reminded on 5/24/24. Roloff was informed to complete by 6/20/24. Hubbell Homes and Ruff was reminded on 7/17/24. Hubbell Homes and K2 Construction was reminded on 8/22/24, 10/2/24, 11/7/24 2.) Hubbell Homes and K2 Construction was informed to complete by 11/12/24. Not done as of the last inspection.				
D 5	Diversion	I-8 to E-8		Removed	
Current Condition:	Removed - Ruff Grading removed the diversion during grading of Phase II prior to the 9/17/24 inspection. Reinstallation not recommended.				
D 6	Diversion	C-8 to D-8		Removed	
Current Condition:	Removed - Ruff Grading removed the diversion during grading of Phase II prior to the 9/17/24 inspection. Reinstallation not recommended.				
D 7	Diversion	BB-11 to BB-12		Removed	
Current Condition:	Removed - K2 construction removed the diversion in preparation for paving prior to the inspection on 12/3/24.				
D 8	Diversion	BB-18 to BB-20		Removed	
Current Condition:	Removed - K2 construction removed the diversion in preparation for paving prior to the inspection on 12/3/24.				
D 9	Diversion	NN-23	4/25/2024	Active	No
Current Condition:	Good Condition - Ruff Grading installed the diversion prior to the 4/25/24 inspection.				
D 10	Diversion	AA-33		Removed	
Current Condition:	Removed - Ruff Grading removed the diversion during grading of Phase II prior to the 4/25/24 inspection. Reinstallation not recommended.				
D 11	Diversion	G-13 to H-13		Removed	
Current Condition:	Removed - Ruff Grading removed the diversion during grading of Phase II prior to the 9/17/24 inspection. Reinstallation not recommended.				
D 12	Diversion	K-14 to H-14		Removed	
Current Condition:	Removed - Ruff Grading removed the diversion during grading of Phase II prior to the 9/17/24 inspection. Reinstallation not recommended.				
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		Removed	
Current Condition:	Removed - Ruff Grading removed the erosion control matting during grading of Phase II prior to the inspection on 9/17/24.				
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.				
EM 5	Erosion Matting	See SWPPP	6/13/2024	Pending	Yes

Current Condition:	Pending - Erosion should be repaired and erosion control matting should be installed around SB A. Rolloff was informed to complete by 6/20/24. Not done as of last inspection. Ruff and Hubbell Homes was reminded on 7/17/24, 10/2/24, 11/7/24				
EM 6	Erosion Matting	See SWPPP	6/13/2024	Pending	Yes
Current Condition:	Pending - Erosion should be repaired and erosion control matting should be installed around SB B. Rolloff was informed to complete by 6/20/24. Not done as of last inspection. Ruff and Hubbell Homes was reminded on 7/17/24, 10/2/24, 11/7/24				
ET 1	Erosion Control Terrace	See SWPPP	9/21/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the erosion control terrace prior to the 9/21/23 inspection.				
ET 2	Erosion Control Terrace	See SWPPP	9/21/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the erosion control terrace prior to the 9/21/23 inspection.				
ET 3	Erosion Control Terrace	See SWPPP	9/21/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the erosion control terrace prior to the 9/21/23 inspection.				
ET 4	Erosion Control Terrace	See SWPPP	9/21/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the erosion control terrace prior to the 9/21/23 inspection.				
ET 5	Erosion Control Terrace	See SWPPP	9/21/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the erosion control terrace prior to the 9/21/23 inspection.				
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		Removed	
Current Condition:	Removed - Ruff Grading removed the erosion control terrace during grading of Phase II prior to the 4/25/24 inspection. Reinstallation not recommended.				
ET 8	Erosion Control Terrace	See SWPPP	9/21/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed the erosion control terrace prior to the 9/21/23 inspection.				
ET 9	Erosion Control Terrace	See SWPPP		Removed	
Current Condition:	Removed - Ruff Grading removed the erosion control terrace during grading of Phase II prior to the 9/17/24 inspection. Reinstallation not recommended.				
FT 1	Fuel Tank	On site	8/27/2024	Active	No
Current Condition:	Good Condition - K2 Construction installed a double walled fuel tank on site prior to the inspection on 8/27/24.				
PB 1	Portable toilet	On site	8/20/2024	Active	No
Current Condition:	Good Condition - K2 Construction installed a portable toilet on site prior to the inspection on 8/20/24. K2 Construction secured the portable toilet prior to the inspection on 8/27/24.				
RN 4	Erosion Control Matting	West of SB A		Removed	
Current Condition:	Removed - Erosion Control Matting is under EM 5 as of 12/3/24.				
RN 6	Erosion Control Matting	West of SB B		Removed	
Current Condition:	Removed - Erosion Control Matting is under EM 6 as of 12/3/24.				
SB A	Sediment Basin	AA-4	4/20/2023	Active	Yes
Current Condition:	Fair Condition - 0% Filled - Ruff Grading began shaping the basin prior to the 6/8/23 inspection. Ruff Grading was in the process of installing the riser and outflow pipe during the 11/2/23 inspection. Ruff Grading installed the riser and outflow pipe prior to the 11/16/23 inspection. Ruff Grading was in the process of cleaning out the basin and repairing the erosion during the inspection on 10/15/24. Ruff Grading repaired the erosion below the outfall and installed the dewatering holes in the riser prior to the inspection on 10/22/24. Ruff Grading cleaned out the basin and the E&A inspector painted the cleanout mark during the inspection on 10/29/24.  Basin should be installed per SWPPP (Baffle).  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, 10/5/23, 10/19/23, 11/10/23				
SB B	Sediment Basin	R-4	4/20/2023	Active	Yes
Current Condition:	Fair Condition - 0% Filled - Ruff Grading began shaping the basin prior to the 6/8/23 inspection. Ruff Grading installed the riser and outflow pipe prior to the 11/2/23 inspection. Ruff Grading was in the process of cleaning out the basin during the inspection on 10/15/24. Ruff Grading cleaned out the basin prior to the inspection on 10/22/24. E&A inspector repainted the clean out mark during the inspection on 10/22/24.  Basin should be installed per SWPPP (Baffle).  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, 10/5/23, 10/19/23, 11/10/23				
SB C	Sediment Basin	D-8		Removed	
Current Condition:	Removed - Ruff Grading removed the basin during grading for Morgan Ridge 2 prior to the inspection on 9/3/24.				
SB D	Sediment Basin	HH-32 to NN-29	4/20/2023	Active	Yes

Current Condition:	Fair Condition - 5% filled - Ruff Grading began excavation on the basin prior to the 12/21/23 inspection. Ruff Grading installed the riser prior to the inspection on 7/23/24. Ruff Grading was in the process of cleaning out the basin during the inspection on 10/22/24. Ruff Grading cleaned out the basin prior to the inspection on 11/12/24.  Baffle should be installed per SWPPP (Baffle).  Ruff Grading and Hubbell Homes were informed to complete by 11/16/23. Not done as of last inspection. Ruff Grading and Hubbell Homes were reminded on 3/15/24, 5/24/24, 6/13/24, 7/17/24				
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. Ruff Grading maintained the silt fence prior to the 8/31/23 inspection. A portion of the silt fence was removed for grading activity by Pruss Excavation for the Hagen Hills East property to the west prior to the 11/23/23 inspection. Re-installation not recommended.  Silt fence should be cleaned out and repaired.  Ruff Grading was informed to complete by 10/12/23. Not done as of last inspection. Ruff Grading and Hubbell Homes were reminded on 10/19/23, 11/10/23, 3/15/24, 5/24/24, 6/13/24, 7/12/24, 7/17/24. Hubbell Homes and K2 Construction was reminded on 8/22/24, 10/2/24, 11/7/24				
SF 2	Silt Fence	Southeastern Perimeter		Removed	
Current Condition:	Removed - Ruff Grading removed the silt fence during grading of Phase II prior to the 4/25/24 inspection. Reinstallation not recommended.				
SF 3	Silt Fence	Southeastern Perimeter		Removed	
Current Condition:	Removed - Ruff Grading removed the silt fence during grading of Phase II prior to the 4/25/24 inspection. Reinstallation not recommended.				
SF 4	Silt Fence	Eastern Perimeter		Removed	
Current Condition:	Removed - Ruff Grading removed the silt fence during grading of Phase II prior to the 4/25/24 inspection. Reinstallation not recommended.				
SF 5	Silt Fence	Northeastern Perimeter		Removed	
Current Condition:	Removed - Ruff Grading removed the silt fence during grading of Phase II prior to the 4/25/24 inspection. Reinstallation not recommended.				
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	8/31/2023	Active	No
Current Condition:	Good Condition - Ruff Grading installed silt fence prior to the 8/31/23 inspection. Ruff Grading and Hubbell Homes repaired the silt fence and added an additional row of silt fence prior to the 10/10/23 inspection. Ruff Grading cleaned out and repaired the silt fence prior to the inspection on 10/1/24.				
ST A	Sediment Trap	H-13		Removed	
Current Condition:	Removed - Ruff Grading removed the trap during grading for Morgan Ridge 2 prior to the inspection on 9/3/24.				
MS 1	Material Storage	On Site	4/20/2023	Pending	No
Current Condition:	Pending - Materials will be stored in designated areas.				
WO 1	Concrete Washout	On Site	4/20/2023	Pending	No
Current Condition:	Pending - Concrete will be properly contained. Ruff Grading removed the concrete waste prior to the 3/14/24 inspection.				
WS 1	Waste Storage	On Site	4/20/2023	Pending	No
Current Condition:	Pending - Waste will be stored in proper containment.				
STR	Streets	N 156th Street	4/20/2023	Active	Yes
Current Condition:	Fair Condition - The streets were free of track out as of the 4/20/23 inspection. Streets were partially cleaned prior to the 8/17/23 inspection. K2 Construction cleaned all exterior streets prior to the inspection on 10/1/24.  Exterior streets should be cleaned daily or as needed.  K2 Construction was informed to complete by 11/6/24. Not done as of the last inspection.				
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.				
<b>Certification Statement:</b>	"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."				
Inspector Signature:				Reviewed By: 