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Engineering Answers

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 Environmental Services Dept. Manager

E&A - P2021.321.000

Inspector: Bryce Wright		Stage
Project Name:	Morgan Ridge 2 CSW-202408621	1
For Week Ending:	10/5/2024	
Project Location:	Southwest corner of Kempton Creek Drive and 156th Street - Bennington, NE (Douglas County)	68007

Grading:	60%			
Sanitary Sewer:	0%			
Storm Sewer:	0%			
Paving:	0%			
Seeding:	5%			
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"	10/1/2024	Sunny 64	1:30 PM	
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				

**Complaints:** A complaint was received from the NDEE on 10/1/24 over dust control on site. Complaint was sent to Ruff Grading on 10/2/24. Ruff Grading informed the E&A inspector on 10/2/24 that a water truck had been brought on site on 10/1/24 after the maintenance sent by E&A inspector. E&A inspector will continue to monitor.

**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 (4/18/24). Grading has not started in the SW drainage basin (6/7/2024). Grubbing on southeast area of the site (7/11/24). Grading the remainder of the site began (8/13/24).

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 (4/18/24). Grading has not started in the SW drainage basin (6/7/2024). Grubbing on southeast area of the site (7/11/24). Grading the remainder of the site began (8/13/24).

What temporary or permanent stabilization measures listed in this section are being implemented?  
 Existing vegetation (4/18/24). Seeding and matting on the east side of the site (7/11/24).

**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

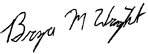
Have disturbed areas been seeded or otherwise stabilized as required? List inactive portions of the project and if stabilization measure are adequate or needed to prevent erosion.  
 No  
 Create Corrective Action?  
 No, See BMP section

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?  
 No  
 Create Corrective Action?

Yes, See Findings section					
Comments:					
<b>Comments:</b> The site was active during the most recent inspection.					
Findings / Corrective Actions (Date):					
<b>Findings / Corrective Actions (Date):</b> 1.) Some maintenance is needed in the BMP section. 2.) <b>Dust control should be implemented on site. Ruff Grading was informed to complete by 10/8/24. A complaint was received from the NDEE and sent to Ruff Grading on 10/2/24 about dust blowing across N 156th Street. Ruff Grading informed the E&amp;A inspector on 10/2/24 that a water truck had been brought on site on 10/1/24. E&amp;A inspector will continue to monitor.</b>					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	West edge of site	9/24/2024	Pending	Yes
Current Condition:	Pending - A rocked construction entrance should be installed where the site is being accessed. Ruff Grading was informed to complete by 9/24/24. Not done as of the last inspection.				
Berm #1	Diversion Berm	North of SB A	6/7/2024	Active	No
Current Condition:	Good Condition- An Improved diversion berm was installed to the north of SB A to control runoff towards 156th Street by Ruff Grading as of 6/7/2024.				
D 1	Diversion	SB E	4/18/2024	Active	Yes
Current Condition:	Fair Condition - Ruff Grading installed a portion of the diversion prior to the 6/20/24 inspection. Ruff Grading removed the diversion for grading prior to the inspection on 8/6/24. Ruff Grading partially reinstalled the diversion prior to the inspection on 9/24/24. Diversion should be installed. Ruff Grading was informed to complete by 5/2/24. Not done as of last inspection. Ruff Grading was reminded on 5/24/24, 6/13/24, 7/12/24, 8/7/24, 8/15/24, 9/18/24				
D 2	Diversion	SB F	4/18/2024	Pending	Yes
Current Condition:	Pending - Diversion should be installed. Ruff Grading was informed to complete by 5/2/24. Not done as of last inspection. Ruff Grading was reminded on 5/24/24, 6/13/24, 7/12/24, 8/7/24, 8/15/24, 9/18/24				
D 3	Diversion	SB F	4/18/2024	Pending	Yes
Current Condition:	Pending - Diversion should be installed. Ruff Grading was informed to complete by 5/2/24. Not done as of last inspection. Ruff Grading was reminded on 5/24/24, 6/13/24, 7/12/24, 8/7/24, 8/15/24, 9/18/24				
EM 1	Erosion Matting	See SWPPP	7/11/2024	Active	No
Current Condition:	<b>Good Condition - Ruff Grading installed the erosion control matting prior to the 7/11/24 inspection. Ruff Grading reinstalled the erosion control matting prior to the inspection on 10/1/24.</b>				
EM 2	Erosion Matting	See SWPPP	4/18/2024	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	4/18/2024	Active	No
Current Condition:	Pending - BMP will be installed when work begins/ends in the area. E&A inspector will monitor.				
EM 4	Erosion Matting	See SWPPP	4/18/2024	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	4/18/2024	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	4/18/2024	Pending	Yes
Current Condition:	Pending - Erosion Control Terrace should be installed. Ruff Grading was informed to complete by 5/2/24. Not done as of last inspection. Ruff Grading was reminded on 5/24/24, 6/13/24, 7/12/24, 8/7/24, 8/15/24, 9/18/24				
ET 2	Erosion Control Terrace	See SWPPP	4/18/2024	Pending	Yes
Current Condition:	Pending - Erosion Control Terrace should be installed. Ruff Grading was informed to complete by 5/2/24. Not done as of last inspection. Ruff Grading was reminded on 5/24/24, 6/13/24, 7/12/24, 8/7/24, 8/15/24, 9/18/24				
ET 3	Erosion Control Terrace	See SWPPP	4/18/2024	Pending	Yes

Current Condition:	Pending - Erosion Control Terrace should be installed. Ruff Grading was informed to complete by 5/2/24. Not done as of last inspection. Ruff Grading was reminded on 5/24/24, 6/13/24, 7/12/24, 8/7/24, 8/15/24, 9/18/24				
FT X	Fuel Tank	See SWPPP	4/18/2024	Active	No
Current Condition:	Good Condition - Ruff Grading brought a fuel tank on site prior to the 4/18/24 inspection. Ruff Grading installed a berm around the fuel tank prior to the 4/25/24 inspection. Ruff Grading repaired the berm around the fuel tank prior to the 6/13/24 inspection. Ruff Grading cleaned up the stained soils prior to the 6/20/24 inspection. Ruff Grading installed a secondary containment berm around the fuel tank prior to the inspection on 8/20/24. Ruff Grading installed a secondary containment berm around the fuel tank prior to the inspection on 9/24/24.				
PB X	Portable toilet	On site	7/11/2024	Active	No
Current Condition:	Good Condition - Ruff Grading installed and staked down a portable toilet on site prior to the 7/11/24 inspection. Ruff Grading installed and secured two more portable toilets on site prior to the inspection on 7/16/24.				
SB E	Sediment Basin	See SWPPP	4/18/2024	Pending	Yes
Current Condition:	Pending - Ruff Grading began shaping the basin prior to the inspection on 8/27/24. Basin should be installed. Ruff Grading was informed to complete by 5/2/24. Not done as of last inspection. Ruff Grading was reminded on 5/24/24, 6/13/24, 7/12/24, 8/7/24, 8/15/24, 9/18/24				
SB F	Sediment Basin	See SWPPP	4/18/2024	Pending	Yes
Current Condition:	Pending - Ruff Grading began shaping the basin prior to the inspection on 8/27/24. Basin should be installed. Ruff Grading was informed to complete by 5/2/24. Not done as of last inspection. Ruff Grading was reminded on 5/24/24, 6/13/24, 7/12/24, 8/7/24, 8/15/24, 9/18/24				
SF 1	Silt Fence	Eastern Perimeter	4/18/2024	Active	No
Current Condition:	<b>Good Condition - Ruff Grading installed the silt fence prior to the 4/18/24 inspection. Ruff Grading extended the silt fence below EM 1 prior to the inspection on 10/1/24.</b>				
SF 2	Silt Fence	Southeastern Perimeter	4/18/2024	Active	Yes
Current Condition:	Fair Condition - Ruff Grading installed the silt fence prior to the 4/18/24 inspection. Ruff Grading reinstalled and extended the silt fence to the west prior to the inspection on 8/13/24. Ruff Grading repaired multiple areas of silt fence and extended the silt fence to the southern corner prior to the inspection on 8/27/24. Ruff Grading cleaned out, backfilled, and trenched in the silt fence in multiple locations prior to the inspection on 9/24/24. Additional silt fence checks should be installed in the northeast corner of the site. Ruff Grading was informed to complete by 8/13/24. Not done as of the last inspection. Ruff Grading was reminded on 8/15/24, 9/18/24				
SF 3	Silt Fence	Western Perimeter	9/24/2024	Active	No
Current Condition:	Good Condition - Ruff Grading installed the silt fence prior to the inspection on 9/24/24.				
SF 4	Silt Fence	Western Perimeter	9/24/2024	Active	No
Current Condition:	Good Condition - Ruff Grading installed the silt fence prior to the inspection on 9/24/24.				
MS 1	Material Storage	On Site	4/18/2024	Active	No
Current Condition:	Good Condition - Storage area taking place by Ruff Grading by the old farmstead off 156th Street as of 6/7/2024.				
WO 1	Concrete Washout	On Site	4/18/2024	Pending	No
Current Condition:	Pending - Concrete will be properly contained.				
WS 1	Waste Storage	On Site	4/18/2024	Pending	No
Current Condition:	Pending - Waste will be stored in proper containment.				
STR	Streets	N 156th Street	4/18/2024	Active	No
Current Condition:	Good Condition - The streets were free of track out as of the 4/18/24 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 6/13/24 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: 