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Engineering Answers

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

E&A- P2022.101.004

Inspector: Josh Ellington		Stage
Project Name:	Diers 8th Addition CSW-202307620	1
For Week Ending:	8/5/2023	68025
Project Location:	E 22nd Street and Deer Crossing, Fremont, NE (Dodge County)	

Grading:	80%			
Sanitary Sewer:	0%			
Storm Sewer:	0%			
Paving:	0%			
Seeding:	0%			
Utilities:	0%			
Overall Development:	15%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.23" (16:55 - 17:55)				
Monday	1.1" (04:55 - 07:55)	7/31/2023	Partly cloudy 82	3:20 PM	
Tuesday	0.00"				
Wednesday	1.08" (01:55 - 10:55)				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				

Complaints:	None
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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?

Stripping and grading began (6/5/2023). Grading along Elkhorn Drive east of Deer Crossing (6/12/2023). Grading along Elkhorn Drive west of Deer Crossing (6/26/2023).

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

Stripping and grading began (6/5/2023). Grading along Elkhorn Drive east of Deer Crossing (6/12/2023). Grading along Elkhorn Drive west of Deer Crossing (6/26/2023).

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

Existing vegetation.

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:					
1.) Site was active for grading during the current inspection.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date):					
1.) Some maintenance is required in the BMP section.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
Berm	Dirt Berm	On Site		Removed	
Current Condition:	Removed - A berm in the northwest portion of the site was installed in lieu of silt fence as perimeter control prior to the 6/12/23 inspection. The berm in the northwest portion of the site was removed prior to the 6/26/23 inspection due to grading, SF 3 will now be recommended. A berm was installed to the west prior to the 6/26/23 inspection. BMP was changed as of 7/06/23.				
B 1	Berm	See SWPPP	6/12/2023	Active	No
Current Condition:	Good Condition - Sawyer Construction installed the berm prior to the inspection on 6/12/23.				
B 2	Berm	See SWPPP	7/6/2023	Active	No
Current Condition:	Good Condition - Sawyer Construction installed the berm prior to the inspection on 7/06/23.				
B 3	Berm	See SWPPP	7/6/2023	Active	No
Current Condition:	Good Condition - Sawyer Construction installed the berm prior to the inspection on 7/06/23.				
B 4	Berm	See SWPPP	7/6/2023	Active	No
Current Condition:	Good Condition - Sawyer Construction installed the berm prior to the inspection on 7/06/23.				
CE 1	Construction Entrance	N Luther Road	7/3/2023	Pending	Yes
Current Condition:	Pending - Track out was removed prior to the 7/17/23 inspection. The construction entrance should be installed. Sawyer Construction was informed to complete by 7/3/23. Not done as of the last inspection. Sawyer Construction was reminded on 7/18/23, 7/24/23				
D 1	Diversion	See SWPPP	7/3/2023	Pending	No
Current Condition:	Pending - The diversion will be installed once grading in the area begins. E&A inspector will continue to monitor.				
D 2	Diversion	See SWPPP	7/3/2023	Pending	No
Current Condition:	Pending - The diversion will be installed once grading in the area begins. E&A inspector will continue to monitor.				
D 3	Diversion	See SWPPP	7/3/2023	Pending	No
Current Condition:	Pending - The diversion will be installed once grading in the area begins. E&A inspector will continue to monitor.				
IF 1	Inlet Filter	See SWPPP	7/6/2023	Active	No
Current Condition:	Good Condition - Sawyer Construction installed the inlet filter prior to the inspection on 7/06/23.				
IF 2	Inlet Filter	See SWPPP	7/6/2023	Active	Yes

Current Condition:	Fair Condition - Sawyer Construction installed the inlet filter prior to the inspection on 7/06/23. Inlet filter should be cleaned out. Sawyer Construction was informed to complete by 7/31/23. Not done as of last inspection.				
IF 3	Inlet Filter	See SWPPP	7/3/2023	Pending	No
Current Condition:	Pending - The inlet filter will be installed on site when necessary. E&A inspector will continue to monitor.				
IF 4	Inlet Filter	See SWPPP	7/3/2023	Pending	No
Current Condition:	Pending - The inlet filter will be installed on site when necessary. E&A inspector will continue to monitor.				
MS 01	Material Storage	On Site	7/3/2023	Pending	No
Current Condition:	Pending - The material storage will be installed as necessary.				
SF 01	Silt Fence	P22 to L7	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading reaches the area.				
SF 02	Silt Fence	X21 to T24	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading reaches the area.				
SF 03	Silt Fence	M7 to T7	7/3/2023	Pending	Yes
Current Condition:	Pending - Silt fence [or berm] should be installed. Sawyer Construction was informed to complete by 7/3/23. Not done as of the last inspection. Sawyer Construction was reminded on 7/18/23, 7/24/23				
SF 04	Silt Fence	J15 to M18	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading reaches the area.				
SF 05	Silt Fence	J15 to M17	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading reaches the area.				
SF 06	Silt Fence	L16	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading reaches the area.				
SF 07	Silt Fence	M18 to P 22	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading reaches the area.				
STR	Streets	ADJ and Internal Streets	7/3/2023	Active	No
Current Condition:	Good Condition- No major signs of track off.				
SWPPP Sign 01	SWPPP Signs	East entrance	6/30/2023	Active	No
Current Condition:	Good Condition - E&A inspector installed the SWPPP sign during the 6/30/23 inspection.				
WO 01	Concrete Washout	On site	7/3/2023	Pending	No
Current Condition:	Pending - A concrete washout will be installed on site as necessary.				
WS 01	Waste Storage Area	On site	7/3/2023	Pending	No
Current Condition:	Pending - The waste storage area will be installed as necessary.				
Certification Statement:	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: 