

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- P2022.101.004

Inspector: Josh Ellington		Stage
Project Name:	Diers 8th Addition CSW-202307620	1
For Week Ending:	3/30/2024	68025
Project Location:	E 22nd Street and Deer Crossing, Fremont, NE (Dodge County)	

Grading:	95%			
Sanitary Sewer:	35%			
Storm Sewer:	2%			
Paving:	40%			
Seeding:	0%			
Utilities:	0%			
Overall Development:	35%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.29" [05:45 - 19:00]				
Monday:	0.15"	3/25/2024	Cloudy 42	12:40 PM	
Tuesday:	0.01"				
Wednesday:	0.00"				
Thursday:	0.00"				
Friday:	0.00"				
Saturday:	0.00"				

Complaints: An Illicit Discharge Complaint was received from the City of Fremont. The complaint was forwarded to the developer and the paving contractor. A liner is to be installed in the concrete washout pit and any concrete waste outside of the pit is to be removed.

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). Site inactive (12/11/23). Grading and diking (3/11/24).

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

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). Site inactive (12/11/23). Grading and diking (3/11/24).

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 measures are adequate or needed to prevent erosion.

Yes					
Create Corrective Action?					
N/A					
Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?					
No					
Create Corrective Action?					
No - See BMP section					
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: Site was active for grading during the most recent inspection.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date): 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 7/6/23.				
B 1	Berm	See SWPPP		Removed	
Current Condition:	Removed - Berm was removed due to grading activity prior to the 9/11/23 inspection.				
B 2	Berm	See SWPPP		Removed	
Current Condition:	Removed - Berm was removed due to grading activity prior to the 9/11/23 inspection.				
B 3	Berm	See SWPPP		Removed	
Current Condition:	Removed - Berm was removed due to grading activity prior to the 9/11/23 inspection.				
B 4	Berm	See SWPPP		Removed	
Current Condition:	Removed - Berm was removed due to grading activity prior to the 9/11/23 inspection.				
CE 1	Construction Entrance	N Luther Road		Removed	
Current Condition:	Removed - Luxa removed the construction entrance prior to the 3/25/24 inspection.				
CE 2	Construction Entrance	Elkhorn Drive		Removed	
Current Condition:	Removed - Construction entrance installation is no longer necessary since paving in the area started prior to the 3/25/24 inspection.				
CE 3	Construction Entrance	Elk Lane		Removed	
Current Condition:	Removed - The barricade was removed prior to the 3/18/24 inspection; reinstallation not necessary due to grading work being performed in the area as of 3/18/24 inspection.				
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.				
FT	Fuel Tank	On Site	9/11/2023	Active	No

Current Condition:	Good Condition - Thompson Construction installed a fuel tank with secondary containment prior to the inspection on 9/11/23. Thompson Construction installed the drainage plug to the fuel tank's secondary containment prior to the 10/9/23 inspection. The fuel tank was removed prior to the 12/11/23 inspection. Luxa installed a fuel tank and a earthen berm prior to the 3/18/24 inspection.				
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	No
Current Condition:	Good Condition - Sawyer Construction installed the inlet filter prior to the inspection on 7/06/23. Sawyer Construction cleaned out and reinstalled the inlet filter prior to the 9/11/23 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.				
PT	Portable Toilet	On Site	9/11/2023	Active	No
Current Condition:	Good Condition - Thompson Construction installed a portable toilet prior to the inspection on 9/11/23. Thompson Construction removed the portable toilet prior to the 9/18/23 inspection. Thompson Construction reinstalled the portable toilet prior to the 11/6/23 inspection. The portable toilet was removed prior to the 12/11/23 inspection. Luxa installed and secured a portable toilet prior to the 3/11/24 inspection.				
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 not be recommended as of the 9/11/23 due to the existing vegetative buffer and the flat grade of the project; E&A inspector will monitor for installation as necessary.				
SF 02	Silt Fence	X21 to T24	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will not be recommended as of the 9/11/23 due to the existing vegetative buffer and the flat grade of the project; E&A inspector will monitor for installation as necessary.				
SF 03	Silt Fence	M7 to T7	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will not be recommended as of the 9/11/23 due to the existing vegetative buffer and the flat grade of the project; E&A inspector will monitor for installation as necessary.				
SF 04	Silt Fence	J15 to M18	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will not be recommended as of the 9/11/23 due to the existing vegetative buffer and the flat grade of the project; E&A inspector will monitor for installation as necessary.				
SF 05	Silt Fence	J15 to M17	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will not be recommended as of the 9/11/23 due to the existing vegetative buffer and the flat grade of the project; E&A inspector will monitor for installation as necessary.				
SF 06	Silt Fence	L16	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will not be recommended as of the 9/11/23 due to the existing vegetative buffer and the flat grade of the project; E&A inspector will monitor for installation as necessary.				
SF 07	Silt Fence	M18 to P 22	7/3/2023	Pending	No
Current Condition:	Pending - Silt fence will not be recommended as of the 9/11/23 due to the existing vegetative buffer and the flat grade of the project; E&A inspector will monitor for installation as necessary.				
SF CE 1	Silt Fence	CE 1	10/2/2023	Active	No
Current Condition:	Good Condition - Sawyer Construction installed silt fence on either side of CE 1 prior to the 10/2/23 inspection. Damage was observed to the silt fence during the 1/11/24 inspection. Luxa partially removed the silt fence prior to the 3/25/24 inspection; E&A inspector will monitor for removal.				
STR	Streets	ADJ and Internal Streets	7/3/2023	Active	Yes
Current Condition:	Fair Condition - Sawyer Construction removed the track out from Elk Lane prior to the 11/6/23 inspection. Thompson Construction removed the track out from Elkhorn Drive prior to the 11/13/23 inspection. Thompson Construction removed the track out prior to the 12/29/23 inspection. 1.) Track out should be removed by the Elk Lane entrance (CE 3). 2.) Track out should be removed by the Elkhorn Drive entrance (CE 2). 1) Luxa was informed to complete by 3/19/24. Not done as of last inspection. Sampson was reminded on 3/26/24. 2.) Sampson was informed to complete by 3/26/24.				

SWPPP Sign 01	SWPPP Signs	CE 1	6/30/2023	Active	Yes
Current Condition:	<p>Fair Condition - E&A inspector installed the SWPPP sign during the 6/30/23 inspection. E&A inspector relocated the SWPPP sign to CE 1 during the 2/19/24 inspection. Luxa removed the SWPPP prior to the 3/25/24 inspection.</p> <p>SWPPP sign should be reinstalled.</p> <p>Luxa was informed to complete by 4/1/24.</p>				
WO 01	Concrete Washout	On site	3/25/2024	Active	Yes
Current Condition:	<p>Fair Condition - Luxa installed a concrete washout pit by CE 1 prior to the 3/25/24 inspection.</p> <p>Per the City of Fremont Illicit Discharge Complaint, a liner needs to be installed and concrete waste outside of the pit needs to be removed.</p> <p>Luxa was informed to complete by 4/5/24.</p>				
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:	<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:		