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E & A CONSULTING GROUP, INC.

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: | 3/23/2024 | 68025 |
| Project Location: | E 22nd Street and Deer Crossing, Fremont, NE (Dodge County) | |

| | | | | |
|----------------------|------------|--|--|--|
| Grading: | 85% | | | |
| Sanitary Sewer: | 35% | | | |
| Storm Sewer: | 2% | | | |
| Paving: | 0% | | | |
| Seeding: | 0% | | | |
| Utilities: | 0% | | | |
| Overall Development: | 30% | | | |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions | Time | |
|-------------------|------------------|------------------|--------------------|-----------------|---------------|
| | | | | | Week 1 |
| Sunday: | 0.00" | | | | |
| Monday: | 0.00" | 3/18/2024 | Sunny 26 | 11:15 AM | |
| Tuesday: | 0.00" | | | | |
| Wednesday: | 0.01" | | | | |
| Thursday: | 0.00" | | | | |
| Friday: | 0.06" | | | | |
| Saturday: | 0.00" | | | | |

| | |
|--------------------|------|
| Complaints: | None |
|--------------------|------|

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? | | | | | |
| 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: Site was active for grading during the most recent inspection. | | | | | |
| 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 | 7/3/2023 | Active | No |
| Current Condition: | Good Condition - 85% effective - Track out was removed prior to the 7/17/23 inspection. Sawyer Construction installed the construction entrance and silt fence on either side of the entrance prior to the 10/2/23 inspection. As of 12/11/23, construction entrance has adequate rock coverage. | | | | |
| CE 2 | Construction Entrance | Elkhorn Drive | 9/25/2023 | Pending | No |
| Current Condition: | Pending - Thompson Construction installed temporary barricade for the entrance prior to the 10/9/23 inspection. Thompson Construction will install a rock entrance once soil compaction is achieved. Thompson Construction moved the barricade prior to the 10/24/23 inspection. Thompson reinstalled the barricade prior to the 11/6/23 inspection. Thompson Construction moved the barricade prior to the 11/13/23 inspection. The barricade was reinstalled prior to the 12/22/23 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. | | | | |

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|---------------------------|--|--------------------------|-----------|---------|-----|
| 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; no maintenance is necessary. | | | | |
| 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. Track out should be removed by the Elk Lane entrance (CE 3). Luxa was informed to complete by 3/19/24. | | | | |
| SWPPP Sign 01 | SWPPP Signs | CE 1 | 6/30/2023 | Active | No |
| Current Condition: | Good 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. | | | | |

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|---------------------------------|---|---------|---------------------|---------|---|
| 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: | |  |