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E & A CONSULTING GROUP, INC.

Engineering Answers

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 Environmental Services Dept. Manager

E&A- P2006.056.026

| | | |
|----------------------|--|--------------|
| Inspector: Zach Roza | | Stage |
| Project Name: | Courtyards @ Iron Horse CSW-202207403 | 1 |
| For Week Ending: | 6/15/2024 | 68003 |
| Project Location: | South Lakeview Way and Courtyard Court - Ashland, NE (Saunders County) | |

| | | | | | |
|----------------------|------|--|--|--|--|
| Grading: | 80% | | | | |
| Sanitary Sewer: | 100% | | | | |
| Storm Sewer: | 0% | | | | |
| Paving: | 0% | | | | |
| Seeding: | 80% | | | | |
| Utilities: | 0% | | | | |
| Overall Development: | 10% | | | | |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions | Time | Storm Event Duration |
|-------------------|------------------|----------------|----------------------|----------|----------------------|
| Sunday: | 0.00" | | | | Week 1 |
| Monday: | 0.00" | | | | |
| Tuesday: | 0.00" | | | | |
| Wednesday: | 0.00" | 6/12/2024 | Mostly Sunny 92 / 67 | 11:10 AM | |
| Thursday: | 0.00" | | | | |
| Friday: | 0.00" | | | | |
| Saturday: | 0.72" | | | | 6:55 - 12:55 |

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?
 Grubbing began (7/5/23). Grading began (9/13/23). Grading ceased (11/22/23). Sanitary Installation began (3/20/24). Sanitary installation complete (5/1/24). Water installation began (5/1/24). **Storm sewer installation began (6/12/24).**

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days?
 Grubbing began (7/5/23). Grading began (9/13/23). Grading ceased (11/22/23). Sanitary Installation began (3/20/24). Sanitary installation complete (5/1/24). Water installation began (5/1/24). **Storm sewer installation began (6/12/24).**

What temporary or permanent stabilization measures listed in this section are being implemented?
 Existing Vegetation (7/5/23). Erosion Matting 1,2,3,4,6,7 installed (11/1/23). Seeding under erosion matting (11/1/23). Entire site seeded (3/13/24).

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.
 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

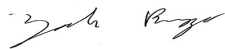

Is dust associated with the construction activity adequately controlled on the site?
 Yes
Create Corrective Action?
 N/A

Comments:
Comments:
 1.) Site was active during the last inspection.

Findings / Corrective Actions (Date):**Findings / Corrective Actions (Date):**

There are some findings in the BMP Section.

| Unique Name | Type | Location | Projected Install Date | Status | Maintenance |
|---------------------------|--|----------------------------------|------------------------|---------|-------------|
| CE 01 | Construction Entrance | Off 113th Street | 9/20/2023 | Active | Yes |
| Current Condition: | <p>Fair Condition - Pruss Excavation installed a construction entrance prior to the inspection on 9/20/23. Pruss Excavation removed the construction entrance prior to the inspection on 10/25/23. Great Plains Contractor Services installed silt fence to prevent sediment from leaving the site prior to the inspection on 4/24/24. Great Plains Contractor services installed silt fence checks and a berm to prevent sediment from leaving the site through the entrance prior to the inspection on 6/5/24.</p> <p>A rock construction entrance should be installed.</p> <p>Great Plains Contractor Services was informed to complete by 6/19/24.</p> | | | | |
| DB 01 | Diversion Berm | North Side of Site | 10/11/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed a diversion berm prior to the inspection on 10/11/23. | | | | |
| DB 02 | Diversion Berm | Eastern Side of Site | 10/18/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed a diversion berm prior to the inspection on 10/18/23. | | | | |
| DB 03 | Diversion Berm | Eastern Side of Site | 10/18/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed a diversion berm prior to the inspection on 10/18/23. | | | | |
| FT 01 | Fuel Tank | On Site | | Removed | |
| Current Condition: | Removed- Pruss Excavation removed the fuel tank prior to the inspection on 11/1/23. | | | | |
| IP 1 - 2 | Inlet Protection | Along Courtyard Court | 11/8/2023 | Active | No |
| Current Condition: | Good Condition - Pruss Excavation installed IP 1 and 2 prior to the inspection on 11/8/23. Great Plains Contractor Services cleaned out and replaced out the inlets prior to the inspection on 6/5/24. | | | | |
| IP 3 - 4 | Inlet Protection | Along Courtyard Court | 8/5/2023 | Pending | No |
| Current Condition: | Pending- Inlet protection will be installed once paving is complete. | | | | |
| IP 5 - 6 | Inlet Protection | Along Courtyard Court | 8/5/2023 | Pending | No |
| Current Condition: | Pending- Inlet protection will be installed once paving is complete. | | | | |
| IP 7 | Inlet Protection | Along Courtyard Court | 8/5/2023 | Pending | No |
| Current Condition: | Pending- Inlet protection will be installed once paving is complete. | | | | |
| MT 01 | Erosion Matting | South East portion of the site | 11/1/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23. | | | | |
| MT 02 | Erosion Matting | South East portion of the site | 11/1/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23. | | | | |
| MT 03 | Erosion Matting | South West portion of the site | 11/1/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23. | | | | |
| MT 04 | Erosion Matting | ADJ to Private Drive | 11/1/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23. | | | | |
| MT 05 | Erosion Matting | ADJ to Private Drive | 8/5/2023 | Pending | No |
| Current Condition: | Pending- Erosion Matting will be installed once grading is complete. | | | | |
| MT 06 | Erosion Matting | North of Courtyard Court | 11/1/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23. | | | | |
| MT 07 | Erosion Matting | North of Courtyard Court | 11/1/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23. | | | | |
| PT 01 | Portable Toilet | On Site | | Removed | |
| Current Condition: | Removed- Pruss Excavation removed the portable toilet prior to the inspection on 11/1/23. | | | | |
| SF 01 - 09 | Silt Fence | Eastern Perimeter | 11/1/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed Silt fence 1-9 prior to the inspection on 11/1/23. | | | | |
| SF 10 - 14 | Silt Fence | Northern Checks | 7/12/2023 | Pending | No |
| Current Condition: | Pending - Pruss Excavation installed SF 11 prior to the inspection on 7/12/23. Pruss excavation removed SF 11 due to grading prior to the inspection on 9/20/23. Due to erosion matting, diversion berms, and other silt fence being installed, silt fence 11,13, and 14 will no longer be recommended as of 11/2/23. Pruss Excavation installed silt fence 11 and 14 prior to the inspection on 11/8/23. SF 11 was removed and SF 14 was damaged prior to the inspection on 3/20/24 due to sanitary installation. SF 14 was removed prior to the 4/3/24 inspection. Due to silt fence 50 and 51 being extended, re-installation of SF 11 and 14 will no longer be recommended as of 6/7/24. | | | | |
| SF 15 - 18 | Silt Fence | Western Perimeter | 11/1/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed Silt fence 15-18 prior to the inspection on 11/1/23. Great Plains Contractor Services repaired the damaged portion of SF 15 prior to the inspection on 5/1/24. | | | | |
| SF 19 | Silt Fence | Northern Perimeter | 7/12/2023 | Active | Yes |
| Current Condition: | <p>Fair Condition - Pruss Excavation installed the silt fence prior to the inspection on 7/12/23. Part of the silt fence was down during the inspection on 9/27/23. Pruss Excavation repaired the silt fence prior to the inspection on 11/8/23.</p> <p>Silt fence is full and should be cleaned out.</p> <p>Great plains Contractor Services was informed to complete by 5/29/24. Not done as of the last inspection. Great Plains Contractor Services was reminded on 6/14/24.</p> | | | | |
| SF 20 - 30 | Silt Fence | Southern Half of Courtyard Court | 8/5/2023 | Pending | No |
| Current Condition: | Pending- Silt fence will be installed once grading starts. | | | | |
| SF 31 - 34 | Silt Fence | Northern Half of Courtyard Court | 8/5/2023 | Pending | No |
| Current Condition: | Pending- Silt fence will be installed once grading starts. | | | | |

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|--------------------------------|--|------------------------------------|------------|--|-----|
| SF 35 - 42 | Silt Fence | Eastern Perimeter Checks | 11/1/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed Silt fence 35-42 prior to the inspection on 11/1/23. | | | | |
| SF 43 - 48 | Silt Fence | Southern Half of Western Perimeter | 11/1/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed Silt fence 35-42 prior to the inspection on 11/1/23. | | | | |
| SF 49 - 51 | Silt Fence | West of Courtyard Court | 11/1/2023 | Active | Yes |
| Current Condition: | <p>Fair Condition- Pruss Excavation installed Silt fence 35-42 prior to the inspection on 11/1/23. Great Plains Contractor Services extended silt fence 50 and 51 prior to the inspection on 6/5/24.</p> <p>A small portion of silt fence 50 and 51 are damaged and should be repaired.</p> <p>Great Plains Contractor Services was informed to complete by 6/19/24.</p> | | | | |
| SF 52 - 55 | Silt Fence | Northern Half of Western Perimeter | 11/1/2023 | Active | No |
| Current Condition: | Good Condition- Pruss Excavation installed Silt fence 35-42 prior to the inspection on 11/1/23. | | | | |
| STR | Streets | ADJ and Internal Streets | 8/5/2023 | Active | Yes |
| Current Condition: | <p>Fair Condition- Streets were clean during the inspection on 11/22/23. Great Plains Contractor Services cleaned the cart path along the north side of the site prior to the inspection on 6/5/24.</p> <p>Adjacent streets should be cleaned.</p> <p>Great Plains Contractor Services was informed to complete by 4/18/24. Not done as of the last inspection. Great Plains Contractor Services was reminded on 5/10/24, 5/23/24, 6/14/24.</p> | | | | |
| SWPPP Sign | SWPPP Sign | On Site | 10/11/2023 | Active | No |
| Current Condition: | Good Condition- E&A inspector installed a SWPPP sign during the inspection on 10/11/23. | | | | |
| WO 01 | Concrete Washout | On Site | | Removed | |
| Current Condition: | Removed- Pruss Excavation removed the concrete washout prior to the inspection on 11/22/23. | | | | |
| WS 01 | Waste Storage Area | On Site | 8/5/2023 | Pending | No |
| Current Condition: | Pending- Waste storage 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:  | |