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Engineering Answers

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E&A- P2022.261.001

| | | |
|---------------------------|--|--------------|
| Inspector: Ethan Anderson | | Stage |
| Project Name: | Plattsmouth Historic High School Housing and New Apartments CSW-202207329 | 1 |
| For Week Ending: | 12/9/2023 | 68003 |
| Project Location: | 814 Main St. - Plattsmouth, NE (Cass County) | |

| | | | | |
|----------------------|------|--|--|--|
| Grading: | 80% | | | |
| Sanitary Sewer: | 100% | | | |
| Storm Sewer: | 100% | | | |
| Paving: | 70% | | | |
| Seeding: | 50% | | | |
| Utilities: | 50% | | | |
| Overall Development: | 70% | | | |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions | Time | Storm Event Times |
|-------------------|------------------|----------------|--------------------|---------|-------------------|
| | | | | | Week 1 |
| Sunday: | 0.00" | | | | |
| Monday: | 0.00" | | | | |
| Tuesday: | 0.00" | | | | |
| Wednesday: | 0.00" | 12/6/2023 | Sunny 57/28 | 1:15 PM | |
| Thursday: | 0.00" | | | | |
| Friday: | 0.00" | | | | |
| 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?
 Grading work active northwest side of site, utility installation, footings poured (9/28/22). Framing for paving roadways (11/9/22). Paving roadways (11/16/22). Silt basin B grading and shaping (8/2/23). Storm sewer was being installed near silt basin B (9/6/23). Storm installation completed (9/27/23).

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 work active northwest side of site, utility installation, footings poured (9/28/22). Framing for paving roadways (11/9/22). Paving roadways (11/16/22). Silt basin B grading and shaping (8/2/23). Storm sewer was being installed near silt basin B (9/6/23). Storm installation completed (9/27/23).

What temporary or permanent stabilization measures listed in this section are being implemented?
 Existing Vegetation (9/21/22). Sod installation around north building (11/8/23). Seed and matting installed in SB A (11/8/23). Seed and matting installed along the west entrance and adjacent slope (11/15/23). Seed and matting installed along the north perimeter and west entrance parking lot edges (11/22/23).

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| Checklist Questions: |
| 1.) Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity? |
| No |
| Create Corrective Action? |
| No, See BMP Section. |
| 2.) Have disturbed areas been seeded or otherwise stabilized as required? List inactive portions of the project and if stabilization measure are adequate or needed |
| No |
| Create Corrective Action? |
| No, See BMP Section. |
| 3.) Are waste materials (concrete, construction material, hazardous, etc.) being managed properly? |
| Yes |
| Create Corrective Action? |
| N/A |
| 4.) Are construction entrances and adjacent streets being maintained adequately? |
| No |
| Create Corrective Action? |
| No, See BMP Section. |
| 5.) 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 current inspection.

Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):

Some maintenance required in the BMP Section.

| Unique Name | Type | Location | Projected Install Date | Status | Maintenance |
|---------------------------|--|---------------|------------------------|---------|-------------|
| CE 01 | Construction Entrance | D2 | | Removed | |
| Current Condition: | Removed- Lund Ross paved the construction entrance prior to the inspection on 11/16/22. | | | | |
| CE 02 | Construction Entrance | M11 | | Removed | |
| Current Condition: | Removed- Lund Ross paved the rest construction entrance prior to the inspection on 11/16/22. | | | | |
| CW 1 | Concrete washout | West entrance | 11/22/2023 | Active | No |
| Current Condition: | Good Condition - Lund Ross installed 2 portable concrete washouts prior to the inspection on 11/22/23. Lund Ross moved all the concrete washouts to one location near the west entrance to the site prior to the inspection on 11/29/23. | | | | |
| CW 2 | Concrete washout | N 10th St | | Removed | |
| Current Condition: | Removed - Lund Ross removed the concrete washout prior to the inspection on 11/29/23. | | | | |
| EM 01 | Erosion Control Matting | West entrance | 11/15/2023 | Active | Yes |
| Current Condition: | Fair Condition - Lund Ross installed matting prior to the inspection on 11/15/23. Matting should be properly secured around the outfall. Lund Ross was informed to complete by 11/22/23. Not done as of last inspection. | | | | |
| IF 01 | Inlet Filter | A7 | | Removed | |
| Current Condition: | Removed - Lund Ross installed sod around the inlet prior to the inspection on 11/8/23. | | | | |
| IF 02 | Inlet Filter | A9 | | Removed | |
| Current Condition: | Removed - Lund Ross installed sod around the inlet prior to the inspection on 11/8/23. | | | | |
| IF 03 | Inlet Filter | B10 | | Removed | |
| Current Condition: | Removed - Lund Ross installed sod around the inlet prior to the inspection on 11/8/23. | | | | |
| IF 04 | Inlet Filter | H11 | | Removed | |
| Current Condition: | Removed - Lund Ross paved around the inlet prior to the inspection on 12/6/23. | | | | |
| IF 05 | Inlet Filter | H12 | | Removed | |
| Current Condition: | Removed - Lund Ross paved around the inlet prior to the inspection on 12/6/23. | | | | |
| IF 06 | Inlet Filter | K13 | 11/29/2023 | Active | No |
| Current Condition: | Active- Lund Ross installed the inlet and began paving around the inlet prior to the inspection on 11/29/23. | | | | |
| IF 07 | Inlet Filter | K13 | 12/6/2023 | Active | No |
| Current Condition: | Active- Lund Ross installed the inlet and began paving around the inlet prior to the inspection on 12/6/23. | | | | |
| IF 08 | Inlet Filter | K13 | 12/6/2023 | Active | No |
| Current Condition: | Active- Lund Ross installed the inlet and began paving around the inlet prior to the inspection on 12/6/23. | | | | |
| MS 01 | Material Storage | On Site | 9/30/2022 | Active | No |
| Current Condition: | Good Condition- Lund Ross stored material in organized designated areas prior to the inspection on 11/9/22. Lund Ross is using parking lot near SB A used as material storage, including lumber prior to the inspection on 2/8/23. | | | | |
| PB 01 | Portable Toilet | On Site | 9/30/2022 | Active | No |
| Current Condition: | Good Condition - Lund Ross installed and secured a set of portable toilets prior to the 10/05/22 inspection. The portable toilets on site were adequately secured with pallets against the side of an existing building. Lund Ross moved and repositioned the portable toilets against the wall prior to the inspection on 12/6/23. | | | | |
| PB 02 | Portable Toilet | On Site | | Removed | |
| Current Condition: | Removed - Lund Ross removed the portable toilets prior to the inspection on 12/6/23. | | | | |
| SB A | Sediment Basin/swale/drainage ditch | B3 | | Removed | |
| Current Condition: | Removed - Lund Ross installed matting and seeded in the swale/drainage ditch prior to the inspection on 11/8/23. | | | | |
| SB B | Sediment Basin/swale/drainage ditch | G14 | 9/30/2022 | Pending | Yes |
| Current Condition: | Pending - Lund Ross was actively working on the basin/swale/drainage ditch during the inspection on 6/7/23. Lund Ross started installing the basin/swale/drainage ditch prior to the inspection on 6/14/23. Lund Ross was shaping and grading the basin/swale/drainage ditch prior to the inspection 8/2/23. Lund Ross finished shaping the sides and bottom of the basin/swale/drainage ditch prior to the inspection on 10/4/23. Lund Ross began installing the post construction clean out ports in the basin/swale/drainage ditch prior to the inspection on 11/1/23. 1.) The sediment basin should be installed per SWPPP. 2.) Inlet protection should be installed around inlet. 1.) Lund Ross was informed to complete by 11/02/22. Not done as of last inspection. Lund Ross was reminded on 11/10/22, 12/5/22, 2/3/23, 4/5/23, 5/10/23, 5/31/23, 6/7/23, 7/5/23, 8/9/23, 9/7/23, 10/19/23, 11/16/23 2.) Lund Ross was informed to complete by 7/12/23. Not done as of last inspection. Lund Ross was reminded on 8/9/23, 9/7/23, 10/19/23, 11/16/23 | | | | |
| SF 01 | Silt Fence | A2-D2 | | Removed | |
| Current Condition: | Removed - Lund Ross removed the silt fence prior to the inspection on 11/29/23. | | | | |
| SF 02 | Silt Fence | A3-H12 | 9/30/2022 | Pending | Yes |
| Current Condition: | Pending - For consistency, silt fence north of SB A was correctly designated as SF 02 for future reports, SWPPP map updates and maintenance plans on 2/3/23. Silt fence should be installed. Lund Ross was informed to complete by 11/16/22. Not done as of last inspection. Lund Ross was reminded on 12/5/22, 2/3/23, 4/5/23, 5/3/23, 5/31/23, 6/7/23, 7/5/23, 8/9/23, 9/7/23, 10/19/23, 11/16/23 | | | | |
| SF 03 | Silt Fence | G12-N15 | 9/30/2022 | Pending | Yes |
| Current Condition: | Pending - The silt fence will be installed on site when machinery is available. As of 9/28/22, a dirt berm is in place. For consistency across future reports, SWPPP maps, and maintenance plans, this run of silt fence will be designated as SF 03, as of 2/3/23. Silt fence should be installed. Lund Ross was informed to complete by 11/16/22. Not done as of last inspection. Lund Ross was reminded on 12/5/22, 2/3/23, 4/5/23, 5/3/23, 5/31/23, 6/7/23, 7/5/23, 8/9/23, 9/7/23, 10/19/23, 11/16/23 | | | | |
| SF 04 | Silt Fence | E1-E4 | | Removed | |
| Current Condition: | Removed- Silt fence is uphill of disturbed area. There is no recommendation for this BMP as of the 11/30/22 inspection. | | | | |

| | | | | | |
|--------------------------------|--|--------------------------|------------|---------------------|---|
| STR | Streets | ADJ and Internal Streets | 9/30/2022 | Active | Yes |
| Current Condition: | <p>Fair Condition- A trail of escaped sediment was observed along the street curb on N 10th st traveling all the way down to Washington Ave. Lund Ross cleaned the interior streets prior to the inspection on 7/5/23. Lund Ross cleaned the internal streets prior to the inspection on 8/23/23. Lund Ross was in the process of cleaning the eastern streets during the inspection on 10/18/23.</p> <p>The internal streets and sidewalk should be cleaned and at the southeast corner of the site.</p> <p>Lund Ross was informed to complete by 7/6/23. Not done as of last inspection. Lund Ross was reminded on 8/9/23, 9/7/23, 10/19/23, 11/16/23</p> | | | | |
| SW 1 | Straw Wattles | Main St | | Removed | |
| Current Condition: | Removed - Lund Ross removed the wattles along the southern sidewalk prior to the inspection on 12/6/23. | | | | |
| SW 2 | Straw Wattles | N 10th St | 11/22/2023 | Active | No |
| Current Condition: | Good Condition - Lund Ross installed straw wattles along the western slope of property along S 10th St prior to the inspection on 11/22/23. | | | | |
| SWPPP Sign | SWPPP Signs | South of CE 1 | 9/30/2022 | Active | Yes |
| Current Condition: | <p>Fair Condition - E&A inspector installed the SWPPP sign to the south of CE 1 during the inspection on 12/7/22. E&A inspector updated the SWPPP sign with the correct permit information website during the 12/21/22 inspection.</p> <p>SWPPP sign should be recovered and reinstalled.</p> <p>Lund Ross was informed to complete by 11/22/23. Not done as of last inspection.</p> | | | | |
| WO 01 | Concrete Washout | On site | | Removed | |
| Current Condition: | Removed - Lund Ross installed a concrete washout on site prior to the inspection on 12/6/23. All recommendations will be under CW 1. | | | | |
| WS 01 | Waste storage | On site | 3/22/2023 | Active | No |
| Current Condition: | Active - Additional waste storage on site was observed during the inspection on 3/22/23. | | | | |
| 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: |  |