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Engineering Answers

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 Environmental Services Dept. Manager

E&A- P2022.261.001

|                           |  |              |
|---------------------------|--|--------------|
| Inspector: Ethan Anderson |  | Stage        |
| Project Name:             | <b>Plattsmouth Historic High School Housing and New Apartments<br/>CSW-202207329</b> | 1            |
| For Week Ending:          | <b>9/2/2023</b>  | <b>68003</b> |
| Project Location:         | 814 Main St. - Plattsmouth, NE (Cass County)   |              |

|                      |     |  |  |  |
|----------------------|-----|--|--|--|
| Grading:             | 50% |  |  |  |
| Sanitary Sewer:      | 50% |  |  |  |
| Storm Sewer:         | 50% |  |  |  |
| Paving:              | 50% |  |  |  |
| Seeding:             | 0%  |  |  |  |
| Utilities:           | 50% |  |  |  |
| Overall Development: | 50% |  |  |  |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions | Time    | Storm Event Times |
|-------------------|------------------|----------------|--------------------|---------|-------------------|
|                   |                  |                |                    |         | <b>Week 1</b>     |
| Sunday:           | 0.00"            |                |                    |         |                   |
| Monday:           | 0.00"            |                |                    |         |                   |
| Tuesday:          | 0.00"            |                |                    |         |                   |
| Wednesday:        | 0.00"            | 8/30/2023      | Sunny 81/61        | 1:05 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).

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).

What temporary or permanent stabilization measures listed in this section are being implemented?  
 Existing Vegetation (9/21/22).

**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?  
 Yes

Create Corrective Action?  
 N/A

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 |             |
| <b>Current Condition:</b> | Removed- Lund Ross paved the construction entrance prior to the inspection on 11/16/22.  |          |                        |         |             |
| CE 02                     | Construction Entrance  | M11      |                        | Removed |             |
| <b>Current Condition:</b> | Removed- Lund Ross paved the rest construction entrance prior to the inspection on 11/16/22.   |          |                        |         |             |
| IF 01                     | Inlet Filter   | A7       | 5/17/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition - Lund Ross cleaned off inlet prior to inspection on 5/10/23. Lund Ross installed silt fence around the inlet prior to inspection on 5/17/23.   |          |                        |         |             |
| IF 02                     | Inlet Filter   | A9       | 5/17/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition - Lund Ross cleaned off inlet prior to inspection on 5/10/23. Lund Ross installed silt fence around the inlet prior to inspection on 5/17/23.   |          |                        |         |             |
| IF 03                     | Inlet Filter   | B10      | 5/17/2023              | Active  | Yes         |
| <b>Current Condition:</b> | Fair Condition - Lund Ross installed a silt fence wrap on the inlet prior to the inspection on 5/3/23. Lund Ross installed a silt fence in front of the inlet prior to inspection on 5/17/23.<br><br>Erosion around the inlet should be repaired.<br><br>Lund Ross was informed to complete by 8/16/23. Not done as of last inspection.  |          |                        |         |             |
| MS 01                     | Material Storage   | On Site  | 9/30/2022              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Lund Ross stored material is 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          |
| <b>Current Condition:</b> | 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.   |          |                        |         |             |
| PB 02                     | Portable Toilet  | On Site  | 5/10/2023              | Active  | Yes         |
| <b>Current Condition:</b> | Fair Condition - Lund Ross installed a set of portable toilets prior to the 5/10/23 inspection.<br><br>Portable toilets need to be secured.<br><br>Lund Ross was informed to complete by 5/18/23. Not done as of last inspection. Lund Ross was reminded on 5/31/23, 6/7/23, 7/5/23, 8/9/23  |          |                        |         |             |
| SB A                      | Sediment Basin   | B3       | 9/30/2022              | Pending | Yes         |
| <b>Current Condition:</b> | Pending - Inlet and outfall for the basin area was being undermined prior to the inspection on 4/26/23. Lund Ross filled in the undermined inlet and outfall prior to the inspection on 5/3/23. Lund Ross installed silt fence around the inlet prior to inspection on 5/17/23. Lund Ross repaired the erosion at the inlet and outlet and moved the inlet further away prior to the inspection on 6/14/23.<br><br>1.) The sediment basin should be installed per SWPPP, including outfall cleanout and repair.<br>2.) Erosion should be repaired at south side of the basin<br>3.) Inlet protection should be repaired<br><br>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<br>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<br>3.) Lund Ross was informed to complete by 7/12/23. Not done as of last inspection. Lund Ross was reminded on 8/9/23 |          |                        |         |             |
| SB B                      | Sediment Basin   | G14      | 9/30/2022              | Pending | Yes         |
| <b>Current Condition:</b> | Pending - Lund Ross was actively working on the basin during the inspection on 6/7/23. Lund Ross started installing the basin prior to the inspection on 6/14/23. Lund Ross was shaping and grading the basin prior to the inspection 8/2/23.<br><br>1.) The sediment basin should be installed per SWPPP.<br>2.) Inlet protection should be installed around inlet.<br><br>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<br>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   |          |                        |         |             |
| SF 01                     | Silt Fence   | A2-D2    | 9/28/2022              | Active  | Yes         |
| <b>Current Condition:</b> | Fair Condition- Lund Ross installed silt fence prior to the 9/28/22 inspection. Lund Ross extended the silt fence up the CE and installed the remaining section on the south side of the CE prior to the inspection on 5/10/23. Lund Ross also installed SF on the other side of the entrance prior to inspection on 5/10/23. Lund Ross removed the southern part of the silt fence around the corner due to grading in the area prior to inspection on 8/23/23.<br><br>1.) Areas above SF 01 should be stabilized.<br>2.) Silt fence is full on the north end and should be cleaned out.<br><br>1.) Lund Ross was informed to complete by 4/12/23. Not done as of last inspection. Lund Ross was reminded on 5/3/23, 5/31/23, 6/7/23, 7/5/23, 8/9/23<br>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   |          |                        |         |             |
| SF 02                     | Silt Fence   | A3-H12   | 9/30/2022              | Pending | Yes         |
| <b>Current Condition:</b> | 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.<br><br>Silt fence should be installed.<br><br>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  |          |                        |         |             |
| SF 03                     | Silt Fence   | G12-N15  | 9/30/2022              | Pending | Yes         |

|                                |   |                          |           |   |     |
|--------------------------------|---|--------------------------|-----------|---|-----|
| <b>Current Condition:</b>      | 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.<br><br>Silt fence should be installed.<br><br>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  |                          |           |   |     |
| SF 04                          | Silt Fence  | E1-E4                    |           | Removed   |     |
| <b>Current Condition:</b>      | 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 |
| <b>Current Condition:</b>      | 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.<br><br>The external street and sidewalk should be cleaned at the southeast corner of the site.<br><br>Lund Ross was informed to complete by 7/6/23. Not done as of last inspection. Lund Ross was reminded on 8/9/23   |                          |           |   |     |
| SW 1                           | Straw Wattles   | Main St                  | 5/10/2023 | Active  | No  |
| <b>Current Condition:</b>      | <b>Good</b> Condition - Lund Ross installed straw wattles along the south side of property along Main St. prior to the inspection on 5/10/23. Lund Ross cleaned out the wattles and repositioned them prior to the inspection on 6/14/23. <b>Lund Ross cleaned the wattles prior to the inspection on 8/30/23.</b>  |                          |           |   |     |
| SWPPP Sign                     | SWPPP Signs   | South of CE 1            | 9/30/2022 | Active  | No  |
| <b>Current Condition:</b>      | Good 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.   |                          |           |   |     |
| WO 01                          | Concrete Washout  | On site                  | 9/30/2022 | Active  | Yes |
| <b>Current Condition:</b>      | Fair Condition - Lund Ross cleaned up concrete waste prior to the inspection on 11/9/22. Lund Ross installed a concrete washout onsite prior to the inspection on 11/16/22. Lund Ross removed concrete washouts prior to the inspection on 11/23/22. Lund Ross installed 1 concrete washout bin onsite prior to the inspection on 11/30/22. More concrete waste was observed during the 2/8/23 inspection. More effort to utilize the concrete washout bin onsite is needed. More concrete waste was observed escaping designated areas during the 2/22/23 inspection. Concrete mixing bucket was removed prior to the 3/8/23 inspection. Lund Ross removed the concrete waste near the material storage prior to the inspection on 6/7/23.<br><br>A concrete washout should be installed on site.<br><br>Lund Ross was informed to complete by 3/1/23. Not done as of the last inspection. Lund Ross was reminded on 4/5/23, 5/3/23, 5/31/23, 6/7/23, 7/5/23, 8/9/23 |                          |           |   |     |
| WS 01                          | Waste storage   | On site                  | 3/22/2023 | Active  | No  |
| <b>Current Condition:</b>      | Active - Additional waste storage on site was observed during the inspection on 3/22/23.  |                          |           |   |     |
| <b>Certification Statement</b> | "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."   |                          |           |   |     |
| <b>Inspector Signature:</b>    |    |                          |           | <b>Reviewed By:</b>  |     |