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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 CSW-202207329</b>	1
For Week Ending:	<b>9/23/2023</b>	<b>68003</b>
Project Location:	814 Main St. - Plattsmouth, NE (Cass County)	

Grading:	50%			
Sanitary Sewer:	60%			
Storm Sewer:	60%			
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"	9/20/2023	Sunny 85/64	11:40 AM	
Thursday:	0.00"				
Friday:	0.21"				
Saturday:	0.23"				

Complaints:	None
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**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).

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).

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	Yes
<b>Current Condition:</b>	Fair 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.  Silt fence should be repaired around inlet.  Lund Ross was informed to complete by 9/13/23. Not done as of last inspection.				
IF 02	Inlet Filter	A9	5/17/2023	Active	Yes
<b>Current Condition:</b>	Fair 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.  Silt fence should be repaired around inlet.  Lund Ross was informed to complete by 9/13/23. Not done as of last inspection.				
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.  1.) Erosion around the inlet should be repaired. 2.) Silt fence should be repaired around inlet.  1.) Lund Ross was informed to complete by 8/16/23. Not done as of last inspection. Lund Ross was reminded on 9/7/23. 2.) Lund Ross was informed to complete by 9/13/23. Not done as of last inspection.				
IF 04	Inlet Filter	H11	9/20/2023	Active	No
<b>Current Condition:</b>	Good Condition - Lund Ross installed silt fence on the inlet prior to the inspection on 9/20/23.				
IF 05	Inlet Filter	H12	9/20/2023	Active	No
<b>Current Condition:</b>	Good Condition - Lund Ross installed silt fence on the inlet prior to the inspection on 9/20/23.				
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.  Portable toilets need to be secured.  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, 9/7/23				
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.  1.) The sediment basin should be installed per SWPPP, including outfall cleanout and repair. 2.) Erosion should be repaired at south side of the basin 3.) Inlet protection should be repaired  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 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 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, 9/7/23				
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.  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 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				
SF 01	Silt Fence	A2-D2	9/28/2022	Active	Yes

<b>Current Condition:</b>	<p>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.</p> <p>1.) Areas above SF 01 should be stabilized. 2.) Silt fence is full on the north end and should be cleaned out.</p> <p>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, 9/7/23 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</p>				
SF 02	Silt Fence	A3-H12	9/30/2022	Pending	Yes
<b>Current Condition:</b>	<p>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.</p> <p>Silt fence should be installed.</p> <p>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</p>				
SF 03	Silt Fence	G12-N15	9/30/2022	Pending	Yes
<b>Current Condition:</b>	<p>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.</p> <p>Silt fence should be installed.</p> <p>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</p>				
SF 04	Silt Fence	E1-E4		Removed	
<b>Current Condition:</b>	<p>Removed- Silt fence is uphill of disturbed area. There is no recommendation for this BMP as of the 11/30/22 inspection.</p>				
STR	Streets	ADJ and Internal Streets	9/30/2022	Active	Yes
<b>Current Condition:</b>	<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.</p> <p>The external street and sidewalk should be cleaned 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</p>				
SW 1	Straw Wattles	Main St	5/10/2023	Active	No
<b>Current Condition:</b>	<p>Good 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. Lund Ross cleaned the wattles prior to the inspection on 8/30/23.</p>				
SWPPP Sign	SWPPP Signs	South of CE 1	9/30/2022	Active	No
<b>Current Condition:</b>	<p>Good Condition - E&amp;A inspector installed the SWPPP sign to the south of CE 1 during the inspection on 12/7/22. E&amp;A inspector updated the SWPPP sign with the correct permit information website during the 12/21/22 inspection.</p>				
WO 01	Concrete Washout	On site	9/30/2022	Active	Yes
<b>Current Condition:</b>	<p>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.</p> <p>A concrete washout should be installed on site.</p> <p>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, 9/7/23</p>				
WS 01	Waste storage	On site	3/22/2023	Active	No
<b>Current Condition:</b>	<p>Active - Additional waste storage on site was observed during the inspection on 3/22/23.</p>				
<b>Certification Statement</b>	<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>				
<b>Inspector Signature:</b>				<b>Reviewed By:</b>	
				