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**E & A CONSULTING GROUP, INC.**

*Engineering Answers*

Zachary A. Jilek, CPESC, CISEC  
 Environmental Services Dept. Manager

**E&A- P2006.056.026**

Inspector: Ethan Anderson		Stage
Project Name:	<b>Courtyards @ Iron Horse CSW-202207403</b>	1
For Week Ending:	<b>8/17/2024</b>	<b>68003</b>
Project Location:	South Lakeview Way and Courtyard Court - Ashland, NE (Saunders County)	

Grading:	80%			
Sanitary Sewer:	100%			
Storm Sewer:	5%			
Paving:	0%			
Seeding:	80%			
Utilities:	0%			
Overall Development:	10%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	Storm Event Duration
					<b>Week 1</b>
Sunday:	0.00"				
Monday:	1.30"				12:55 AM - 6:55 AM
Tuesday:	0.00"				
Wednesday:	3.49"	8/14/2024	Cloudy 84/68	11:35 AM	2:35 AM - 5:55 AM and 9:35 PM - 10:55 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?**  
 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?**  
 No

**Create Corrective Action?**  
 No- See BMP Section

**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?**

No  
**Create Corrective Action?**  
 No- See BMP Section

**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 for sanitary installation during the last inspection.

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

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

1.) Some maintenance is required in the BMP section.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 01	Construction Entrance	Off 113th Street	9/20/2023	Pending	Yes
<b>Current Condition:</b>	<p>Pending - 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. Not done as of last inspection. Great Plains Contractor Services was reminded on 6/26/24, 8/2/24</p>				
DB 01	Diversion Berm	North Side of Site	10/11/2023	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition- Pruss Excavation installed a diversion berm prior to the inspection on 10/11/23.</p> <p>Berm should be repaired in multiple locations.</p> <p>Great Plains Contractor Services was informed to complete by 7/3/24. Not done as of last inspection. Great Plains Contractor Services was reminded on 8/2/24</p>				
DB 02	Diversion Berm	Eastern Side of Site	10/18/2023	Active	No
<b>Current Condition:</b>	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
<b>Current Condition:</b>	Good Condition- Pruss Excavation installed a diversion berm prior to the inspection on 10/18/23.				
FT 01	Fuel Tank	On Site	7/10/2024	Active	No
<b>Current Condition:</b>	Good Condition - Great Plains Contractor Services installed a fuel tank on site prior to the inspection on 7/10/24.				
IP 1 - 2	Inlet Protection	Along Courtyard Court	11/8/2023	Active	No
<b>Current Condition:</b>	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. Great Plains Contractor Services cleaned out the inlet filters prior the inspection on 8/7/24.				
IP 3 - 4	Inlet Protection	Along Courtyard Court	7/24/2024	Active	No
<b>Current Condition:</b>	Good Condition - Great Plains Contractor Services installed inlet 3 and inlet protection prior to the inspection on 7/24/24.				
IP 5 - 6	Inlet Protection	Along Courtyard Court	8/5/2023	Pending	No
<b>Current Condition:</b>	Pending- Inlet protection will be installed once paving is complete.				
IP 7	Inlet Protection	Along Courtyard Court	8/7/2024	Active	No
<b>Current Condition:</b>	Good Condition - Great Plains Contractor Services installed 5 inlets and inlet protection prior to the inspection on 8/7/24.				
MT 01	Erosion Matting	South East portion of the site	11/1/2023	Active	No
<b>Current Condition:</b>	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
<b>Current Condition:</b>	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
<b>Current Condition:</b>	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
<b>Current Condition:</b>	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
<b>Current Condition:</b>	Pending- Erosion Matting will be installed once grading is complete.				
MT 06	Erosion Matting	North of Courtyard Court	11/1/2023	Active	No
<b>Current Condition:</b>	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
<b>Current Condition:</b>	Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23.				
PT 01	Portable Toilet	On Site	7/10/2024	Active	No
<b>Current Condition:</b>	Good Condition - Great Plains Contractor Services installed and secured a portable toilet prior to the inspection on 7/10/24. Great Plains Contractor Services secured the portable toilet prior to the inspection on 8/14/24.				
SF 01 - 09	Silt Fence	Eastern Perimeter	11/1/2023	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition- Pruss Excavation installed Silt fence 1-9 prior to the inspection on 11/1/23. Great Plains Contractor Services removed a section of silt fence 2 prior to the inspection on 7/24/24.</p> <p>Silt fence should be repaired.</p> <p>Great Plains Contractor Services was informed to complete by 7/3/24. Not done as of last inspection. Great Plains Contractor Services was reminded on 8/2/24</p>				
SF 10 - 14	Silt Fence	Northern Checks	7/12/2023	Pending	No
<b>Current Condition:</b>	<p>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.</p>				
SF 15 - 18	Silt Fence	Western Perimeter	11/1/2023	Active	Yes
<b>Current Condition:</b>	<p>Fair 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.</p> <p>Silt fence should be repaired.</p> <p>Great Plains Contractor Services was informed to complete by 8/7/24. Not done as of last inspection.</p>				
SF 19	Silt Fence	Northern Perimeter	7/12/2023	Active	No
<b>Current Condition:</b>	Good 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. Great Plains Contractor Services repaired the silt fence prior to the inspection on 7/24/24.				

SF 20 - 30	Silt Fence	Southern Half of Courtyard Court	8/5/2023	Pending	No
<b>Current Condition:</b>	Pending- Silt fence will be installed once grading starts.				
SF 31 - 34	Silt Fence	Northern Half of Courtyard Court	8/5/2023	Pending	No
<b>Current Condition:</b>	Pending- Silt fence will be installed once grading starts.				
SF 35 - 42	Silt Fence	Eastern Perimeter Checks	11/1/2023	Active	No
<b>Current Condition:</b>	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
<b>Current Condition:</b>	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
<b>Current Condition:</b>	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.  Sections of silt fence 50 and 51 are damaged and should be repaired.  Great Plains Contractor Services was informed to complete by 6/19/24. Not done as of last inspection. Great Plains Contractor Services was reminded on 8/2/24				
SF 52 - 55	Silt Fence	Northern Half of Western Perimeter	11/1/2023	Active	No
<b>Current Condition:</b>	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
<b>Current Condition:</b>	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.  1.) Adjacent streets should be cleaned. 2.) Trail should be cleaned off in multiple locations.  1.) 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, 6/26/24, 8/2/24 2.) Great Plains Contractor Services was informed to complete by 6/27/24. Not done as of last inspection. Great Plains Contractor Services was reminded on 8/2/24				
SWPPP Sign	SWPPP Sign	On Site	10/11/2023	Active	No
<b>Current Condition:</b>	Good Condition- E&A inspector installed a SWPPP sign during the inspection on 10/11/23.				
WO 01	Concrete Washout	On Site		Removed	
<b>Current Condition:</b>	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
<b>Current Condition:</b>	Pending- Waste storage will be installed as necessary.				
<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>	