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Engineering Answers

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 Environmental Services Dept. Manager

E&A- P2006.056.019

Inspector: Zach Roza		Stage
Project Name:	Courtyards @ Iron Horse CSW-202207403	1
For Week Ending:	5/25/2024	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:	0.17"				Week 1
Monday:	0.73"				11:00 PM - 12:00 AM
Tuesday:	1.74"				5:45 AM - 2:45 AM
Wednesday:	0.00"	5/22/2024	Mostly Sunny 74 / 52	9:50 AM	
Thursday:	0.01"				
Friday:	0.62"				2:30 AM - 5:00 AM
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).

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).

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?

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	Pending	Yes
Current Condition:	<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.</p> <p>Construction entrance should be re-installed.</p> <p>Pruss Excavation was informed to complete by 11/1/23. Not done as of the last inspection. Pruss Excavation was reminded on 12/7/23, 3/21/24. Great Plains Contractor Services was informed to complete by 4/10/24. Not done as of the last inspection. Great Plains Contractor Services was reminded on 4/17/24, 5/10/24, 5/23/24.</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	Yes
Current Condition:	<p>Fair Condition- Pruss Excavation installed IP 1 and 2 prior to the inspection on 11/8/23.</p> <p>The inlet filters are full and should be cleaned out.</p> <p>Great Plains Contractor Services was informed to complete by 5/15/24. Not done as of the last inspection. Great Plains Contractor Services was reminded on 5/23/24.</p>				
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	Active	Yes
Current Condition:	<p>Fair Condition- 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.</p> <p>Silt fence 11 and 14 should be re-installed when work allows.</p> <p>Great Plains Contractor Services was informed to complete by 4/10/24. Not done as of the last inspection. Great Plains Contractor Services was reminded on 4/17/24, 5/10/24, 5/23/24.</p>				
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:	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. Silt fence is full and should be cleaned out. Great plains Contractor Services was informed to complete by 5/29/24.				
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.				
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	No
Current Condition:	Good Condition- Pruss Excavation installed Silt fence 35-42 prior to the inspection on 11/1/23.				
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:	Fair Condition- Streets were clean during the inspection on 11/22/23. 1.) Adjacent streets should be cleaned. 2.) Cart path on the north side of the site should be cleaned off. 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. 2.) Great plains Contractor Services was informed to complete by 5/23/24.				
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	"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."				
Inspector Signature:				Reviewed By: 