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Engineering Answers

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

E&A- P2006.056.019

Inspector: Zach Roza		Stage
Project Name:	Courtyards @ Iron Horse CSW-202207403	1
For Week Ending:	9/23/2023	68003
Project Location:	South Lakeview Way and Courtyard Court - Ashland, NE (Saunders County)	

Grading:	50%			
Sanitary Sewer:	0%			
Storm Sewer:	0%			
Paving:	0%			
Seeding:	0%			
Utilities:	0%			
Overall Development:	5%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	Storm Event Duration
Sunday:	0.00"				Week 1
Monday:	0.00"				
Tuesday:	0.00"				
Wednesday:	0.00"	9/13/2023	Mostly Sunny 80 / 49	12:40 PM	
Thursday:	0.00"				
Friday:	0.15"				
Saturday:	0.00"				

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?

Grubbing began (7/5/23). Grading began (9/13/23).

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days?

Grubbing began (7/5/23). Grading began (9/13/23).

What temporary or permanent stabilization measures listed in this section are being implemented?

Existing Vegetation (7/5/23).

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?

Yes

Create Corrective Action?

N/A

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:

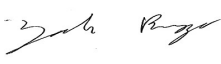
Site was active for grading during the last inspection.

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	Active	No
Current Condition:	Good Condition- 80% Effective Pruss Excavation installed a construction entrance prior to the inspection on 9/20/23.				
FT 01	Fuel Tank	On Site	9/20/2023	Active	Yes
Current Condition:	Fair Condition- Pruss Excavation installed a fuel tank on site prior to the inspection on 9/20/23.				
	The fuel tank should be bermed or have some form of secondary containment.				
	Pruss Excavation was informed to complete by 9/27/23.				
IP 1 - 2	Inlet Protection	Along Courtyard Court	8/5/2023	Pending	No
Current Condition:	Pending- Inlet protection will be installed once paving is complete.				
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	8/5/2023	Pending	No
Current Condition:	Pending- Erosion Matting will be installed once grading is complete.				
MT 02	Erosion Matting	South East portion of the site	8/5/2023	Pending	No
Current Condition:	Pending- Erosion Matting will be installed once grading is complete.				
MT 03	Erosion Matting	South West portion of the site	8/5/2023	Pending	No
Current Condition:	Pending- Erosion Matting will be installed once grading is complete.				
MT 04	Erosion Matting	ADJ to Private Drive	8/5/2023	Pending	No
Current Condition:	Pending- Erosion Matting will be installed once grading is complete.				
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	8/5/2023	Pending	No
Current Condition:	Pending- Erosion Matting will be installed once grading is complete.				
MT 07	Erosion Matting	North of Courtyard Court	8/5/2023	Pending	No
Current Condition:	Pending- Erosion Matting will be installed once grading is complete.				
PT 01	Portable Toilet	On Site	9/20/2023	Active	Yes
Current Condition:	Fair Condition- Pruss Excavation installed a portable toilet on site prior to the inspection on 9/20/23.				
	The portable toilet should be staked down.				
	Pruss Excavation was informed to complete by 9/27/23.				
SF 01 - 09	Silt Fence	Eastern Perimeter	8/5/2023	Pending	Yes
Current Condition:	Pending-				
	Perimeter silt fence should be installed.				
	Pruss Excavation was informed to complete by 9/27/23.				
SF 10 - 14	Silt Fence	Northern Checks	7/12/2023	Pending	No
Current Condition:	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.				
SF 15 - 18	Silt Fence	Western Perimeter	8/5/2023	Pending	Yes
Current Condition:	Pending-				
	Perimeter silt fence should be installed.				
	Pruss Excavation was informed to complete by 9/27/23.				
SF 19	Silt Fence	Northern Perimeter	7/12/2023	Active	No
Current Condition:	Good Condition- Pruss Excavation installed the silt fence prior to the inspection on 7/12/23.				
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	8/5/2023	Pending	No
Current Condition:	Pending- Silt fence will be installed once grading starts.				
SF 43 - 48	Silt Fence	Southern Half of Western Perimeter	8/5/2023	Pending	No
Current Condition:	Pending- Silt fence will be installed once grading starts.				
SF 49 - 51	Silt Fence	West of Courtyard Court	8/5/2023	Pending	No
Current Condition:	Pending- Silt fence will be installed once grading starts.				

SF 52 - 55	Silt Fence	Northern Half of Western Perimeter	8/5/2023	Pending	No
Current Condition:	Pending- Silt fence will be installed once grading starts.				
STR	Streets	ADJ and Internal Streets	8/5/2023	Active	No
Current Condition:	Good Condition- There was no sign of track-out during the last inspection.				
SWPPP Sign	SWPPP Sign	On Site	8/5/2023	Pending	Yes
Current Condition:	Pending- A SWPPP sign should be installed. E&A inspector will install the SWPPP sign when it arrives (8/5/23).				
WO 01	Concrete Washout	On Site	8/5/2023	Pending	No
Current Condition:	Pending- A concrete washout will be installed when paving begins.				
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:		