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Engineering Answers

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

E&A- P2006.056.001

Inspector: Joe Manning		Stage
Project Name:	Iron Horse NER110574	3
For Week Ending:	12/12/2020	
Project Location:	Hwy 6 & Iron Horse Drive- Ashland, NE (Saunders County)	68003

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	100%			
Utilities:	100%			
Overall Development:	72%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.00"				
Monday	0.10"				
Tuesday	0.24"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 3
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 4
Sunday:	0.00"				
Monday	0.00"	12/7/2020	Mostly Sunny 55/25	12:20 PM	
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.39"				
Saturday	0.10"				
					Week 5
Sunday:	N/A				
Monday	N/A				
Tuesday	N/A				
Wednesday	N/A				
Thursday	N/A				
Friday	N/A				
Saturday	N/A				

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?

Entire site; grading completed and stabilized prior to Spring 2005.

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

Entire site; grading completed and stabilized prior to Spring 2005.					
What temporary or permanent stabilization measures listed in this section are being implemented?					
Dense Vegetation, seeding/sodding, matting, Re-seeding 5/2006, paving, and landscaping.					
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:					
Home construction is active on a few lots.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date):					
1) Some maintenance is required in the BMP section.					
2) There is disturbed ground on either side of the newly-sodded Lot 32 as of inspection on 7/23/19. The lot is flat and doesn't have runoff potential to waterbodies or the street therefore immediate stabilization or installation of BMPs is not necessary at this time. E&A inspector will continue to monitor the area for revegetation.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
IF 1	Inlet	Lot 110	In Place	Active	No
Current Condition:	Active - This structure was previously referred to as a sediment basin, but is actually functioning as a slope drain/area inlet. As-of the 11/26/18 inspection, silt fence is in place behind the structure and straw wattles are located downhill from the outlet pipe.				
Lot 2	Individual Lot	Lot 2		Removed	
Current Condition:	Removed - Pacesetter Homes removed the silt fence and sodded the lot prior to the inspection on 11/06/19.				
Lot 5	Silt Fence	Lot 5	5/18/2020	Active	Yes
Current Condition:	Fair Condition - Trademark Homes began construction and installed silt fence along the southeast side of the lot prior to the inspection on 5/18/20. Trademark Homes cleaned the street in front of the lot prior to the inspection on 11/02/20. 1.) The silt fence on the east side of the lot should be repaired where down. 2.) Silt fence should be installed along the front of the lot. 1.) Trademark Homes was informed to complete by 10/12/20. Not done as of the last inspection. Trademark Homes was reminded on 11/13/20 2.) Trademark Homes was informed to complete by 11/18/20. Not done as of the last inspection.				
Lot 32	Individual Lot	Lot 32		Removed	
Current Condition:	Removed - Nathan Homes removed the concrete debris and sodded the lot prior to inspection on 7/23/19.				
Lot 53	Silt Fence	Lot 53		Removed	
Current Condition:	Removed - Douglas Stagemeyer (homeowner) sodded the lot prior to the inspection on 12/07/20.				
Lot 57	Silt Fence	Lot 57	6/1/2020	Active	No
Current Condition:	Active - An unknown builder began construction on the lot prior to the inspection on 6/01/20. The lot has vegetated as of 10/05/20. The lot is currently vacant.				
Lot 90	Individual Lot	Lot 90		Removed	
Current Condition:	Removed - Grace Homes sodded the lot prior to inspection on 7/02/19.				
Lot 113	Silt Fence	Lot 113	8/17/2017	Active	No
Current Condition:	Good Condition - Boyer Young repaired the silt fence on the lot prior to the 7/3/18 inspection. Boyer Young removed some of the damaged silt fence and repaired the runs left in place prior to inspection on 7/02/19. As of the inspection on 7/02/19, volunteer vegetation has filled in sufficiently to prevent erosion, therefore seeding is no longer required at this time. Boyer Young removed the damaged runs of silt fence from the lot prior to the inspection on 11/11/20.				
Lot 116	Silt Fence	Lot 116		Removed	
Current Condition:	Removed - Al Belt Custom Homes sodded the lot prior to the inspection on 11/02/20.				
Lot 126	Individual Lot	Lot 126		Removed	
Current Condition:	Removed - The Homeowners removed the silt fence and sodded the lot prior to inspection on 9/20/19.				
Lot 130	Individual Lot	Lot 130		Removed	

Current Condition:	Removed - The homeowners sodded the lot prior to inspection on 5/29/19.				
Lot 137	Individual Lot	Lot 137		Removed	
Current Condition:	Removed - The Home Company sodded the lot and removed the silt from the adjacent lot prior to inspection on 8/13/19.				
Lot 138	Individual Lot	Lot 138		Removed	
Current Condition:	Removed - The Home Company removed the portable toilet and sodded the lot prior to inspection on 8/13/19.				
Lot 153	Silt Fence	Lot 153	10/5/2020	Active	Yes
Current Condition:	<p>Fair Condition - Hubbell Homes began construction on the lot prior to the inspection on 10/05/20. A dirt pile was observed in the ROW during the inspection on 10/05/20; however Hubbell Homes was in the process of excavating the lot. Hubbell Homes removed the dirt pile from the ROW and installed silt fence on the north and south sides of the lot prior to the inspection on 11/02/20.</p> <p>Silt fence on the north and south sides of the lot should be repaired.</p> <p>Hubbell Homes was informed to complete by 12/14/20.</p>				
Lot 155	Silt Fence	Lot 155	9/3/2018	Active	Yes
Current Condition:	<p>Fair Condition - Widhalm Custom Homes installed silt fence on the lot to protect sodded lot 154 prior to inspection on 9/3/18.</p> <p>The silt fence should be repaired or removed from the lot.</p> <p>Widhalm Custom Homes was informed to complete by 12/14/20.</p>				
Lot 163	Silt Fence	Lot 163		Removed	
Current Condition:	Removed - Hubbell Home sodded the lot prior to the inspection on 6/20/20.				
Lot 193	Silt Fence	Lot 193		Removed	
Current Condition:	Removed - Murray Custom Homes sodded the lot prior to the inspection on 6/11/20.				
PDP A	Permanent Detention Pond	41°02'43.47"N 96°20'36.65"W	In Place	Active	No
Current Condition:	Good Condition - This is a pond as of 1993.				
SB 1	Sediment Basin	Lot 109		Removed	
Current Condition:	Removed - Following the 11/26/18 inspection, this structure is no longer being considered a basin as it does not have any sediment storage capacity and appears to be an area inlet/slope drain. See IF 1 for further information.				
SF 3	Silt Fence	Lot 197		Removed	
Current Condition:	Removed- the inspector removed the silt fence during the inspection on 3/22/17.				
SF 5	Silt Fence	South side of lake		Removed	
Current Condition:	Removed- the inspector removed the silt fence during the inspection on 3/22/17.				
SF 8	Silt Fence	40' South of SF 5		Removed	
Current Condition:	Removed- the inspector removed the silt fence during the inspection on 3/22/17.				
SF 9	Silt Fence	East of Lots 119 and 120	In Place	Active	Yes
Current Condition:	<p>Fair Condition - Boyer Young repaired and partially removed the silt fence prior to inspection on 12/5/17. The sediment was removed from the golf course and cart path prior to inspection on 4/29/19.</p> <p>The silt fence is full and needs to be cleaned behind lots 114 and 115.</p> <p>Boyer Young was informed to complete by 3/24/18. Not done as of last inspection. Boyer Young was reminded on 6/28/18, 9/24/18, 3/19/19, 6/06/19, 8/15/19, 12/04/19, 4/17/20, 6/02/20, 7/31/20, 10/06/20</p>				
SF 10	Silt Fence	Behind Lot 190	12/5/2018	Active	No
Current Condition:	Good Condition - The silt fence was mistakenly removed from the report in July, however it is still in place and in good condition. E&A will monitor.				
STR	Streets	41°02'28.55"N 96°20'36.35"W	In Place	Active	Yes
Current Condition:	<p>Fair Condition -</p> <p>1.) The street in front of Lot 5 should be cleaned.</p> <p>2.) The street in front of Lot 153 should be cleaned.</p> <p>1.) Trademark Homes was informed to complete by 11/12/20. Not done as of the last inspection.</p> <p>2.) Hubbell Homes was informed to complete by 12/08/20.</p>				
SWPPP Sign	SWPPP Sign	Two signs on site	8/8/2008	Active	No
Current Condition:	Good Condition - A sign has been installed at Iron Horse Drive and Hwy 6. South Lakeview Way & South Bend Road entrance. The sign at the South Lakeview Way and South Bend Road entrance was visible again due to the surrounding grass being mowed prior to inspection on 7/02/19. The SWPPP sign by Hwy 6 and Iron Horse Drive had been knocked over prior to inspection on 7/23/19. E&A inspector reinstalled the downed SWPPP sign during inspection on 7/23/19.				
Inspector Signature: 					Reviewed By: 