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E & A CONSULTING GROUP, INC.

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:	9/12/2020	
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:	0.10"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.03"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.43"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"	8/19/2020	Mostly Sunny 84/62	2:45 PM	
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"				
Tuesday	0.05"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 5
Sunday:	0.00"				
Monday	0.02"				
Tuesday	1.04"				
Wednesday	0.36"				
Thursday	0.38"	9/10/2020	Thunderstorms 56/47	11:00 AM	
Friday	0.04"				
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?

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.					
<b>What temporary or permanent stabilization measures listed in this section are being implemented?</b>					
Dense Vegetation, seeding/sodding, matting, Re-seeding 5/2006, paving, and landscaping.					
<b>Checklist Questions:</b>					
<b>Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?</b>					
Yes					
<b>Create Corrective Action?</b>					
N/A					
<b>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.</b>					
Yes					
<b>Create Corrective Action?</b>					
N/A					
<b>Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?</b>					
No					
<b>Create Corrective Action?</b>					
No, See BMP Section					
<b>Are construction entrances and adjacent streets being maintained adequately?</b>					
No					
<b>Create Corrective Action?</b>					
No - See BMP Section					
<b>Is dust associated with the construction activity adequately controlled on the site?</b>					
Yes					
<b>Create Corrective Action?</b>					
N/A					
<b>Comments:</b>					
<b>Comments:</b>					
Home construction is active on a few lots.					
<b>Findings / Corrective Actions (Date):</b>					
<b>Findings / Corrective Actions (Date):</b>					
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.					
<b>Unique Name</b>	<b>Type</b>	<b>Location</b>	<b>Projected Install Date</b>	<b>Status</b>	<b>Maintenance</b>
IF 1	Inlet	Lot 110	In Place	Active	No
<b>Current Condition:</b>	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	
<b>Current Condition:</b>	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
<b>Current Condition:</b>	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.  The street in front of the lot should be cleaned <b>and silt fence should be installed along the front of the lot.</b>  Trademark Homes was informed to complete by 7/08/20. Not done as of the last inspection. <b>Trademark Homes was reminded on 9/11/20</b>				
Lot 32	Individual Lot	Lot 32		Removed	
<b>Current Condition:</b>	Removed - Nathan Homes removed the concrete debris and sodded the lot prior to inspection on 7/23/19.				
Lot 53	Silt Fence	Lot 53	5/18/2020	Active	No
<b>Current Condition:</b>	Active - An unknown builder began construction on the lot prior to the inspection on 5/18/20. E&A inspector will monitor the need for BMPs.				
Lot 57	Silt Fence	Lot 57	6/1/2020	Active	No
<b>Current Condition:</b>	Active - An unknown builder began construction on the lot prior to the inspection on 6/01/20. E&A inspector will monitor the need for BMPs.				
Lot 90	Individual Lot	Lot 90		Removed	
<b>Current Condition:</b>	Removed - Grace Homes sodded the lot prior to inspection on 7/02/19.				
Lot 113	Silt Fence	Lot 113	8/17/2017	Active	Yes

<b>Current Condition:</b>	<p>Fair 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.</p> <ol style="list-style-type: none"> <li>1. The silt fence should be retied to 2 t-posts near the northeast corner of the lot.</li> <li>2. The eastern edge of the upstream-most run of silt fence should be repaired.</li> <li>3. The second upstream-most run of silt fence should be patched where torn on a t-post.</li> <li>4. The silt fence should be retied on the north end of the lot.</li> </ol> <p>1. Boyer Young was informed to complete by 4/23/20. Not done as of the last inspection. Boyer Young was reminded on 6/02/20, 7/31/20</p> <p>2. Boyer Young was informed to complete by 4/23/20. Not done as of the last inspection. Boyer Young was reminded on 6/02/20, 7/31/20</p> <p>3. Boyer Young was informed to complete by 4/23/20. Not done as of the last inspection. Boyer Young was reminded on 6/02/20, 7/31/20</p> <p>4. Boyer Young was informed to complete by 8/6/20. <b>Not done as of the last inspection.</b></p>				
Lot 116	Silt Fence	Lot 116	4/28/2020	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition - An unknown builder installed silt fence along the back and north sides of the lot prior to the inspection on 4/28/20. The builder removed the dirt pile from the ROW prior to the inspection on 6/01/20.</p> <ol style="list-style-type: none"> <li>1.) The silt fence along the back of the lot should be cleaned out.</li> <li>2.) The street in front of the lot should be cleaned.</li> <li>3.) The portable toilet should be secured.</li> <li>4.) The silt fence on the side of the lot should be trenched in.</li> <li>5.) The silt fence in the back of the lot is down and should be repaired/reinstalled.</li> </ol> <p>1.) Al Belt Custom Homes was informed to complete by 7/08/20. Not done as of the last inspection. Al Belt Homes was reminded on 7/30/20, 9/11/20</p> <p>2.) Al Belt Custom Homes was informed to complete by 7/08/20. Not done as of the last inspection. Al Belt Homes was reminded on 7/30/20, 9/11/20</p> <p>3.) Al Belt Custom Homes was informed to complete by 7/08/20. Not done as of the last inspection. Al Belt Homes was reminded on 7/30/20, 9/11/20</p> <p>4.) Al Belt Custom Homes was informed to complete by 8/6/20. <b>Not done as of the last inspection. Al Belt Custom Homes was reminded on 9/11/20</b></p> <p>5.) Al Belt Custom Homes was informed to complete by 8/6/20. <b>Not done as of the last inspection. Al Belt Custom Homes was reminded on 9/11/20</b></p>				
Lot 126	Individual Lot	Lot 126		Removed	
<b>Current Condition:</b>	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	
<b>Current Condition:</b>	Removed - The homeowners sodded the lot prior to inspection on 5/29/19.				
Lot 137	Individual Lot	Lot 137		Removed	
<b>Current Condition:</b>	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	
<b>Current Condition:</b>	Removed - The Home Company removed the portable toilet and sodded the lot prior to inspection on 8/13/19.				
Lot 155	Silt Fence	Lot 155	9/3/2018	Active	No
<b>Current Condition:</b>	Good Condition - Widhalm Custom Homes installed silt fence on the lot to protect sodded lot 154 prior to inspection on 9/3/18.				
Lot 163	Silt Fence	Lot 163		Removed	
<b>Current Condition:</b>	Removed - Hubbell Home sodded the lot prior to the inspection on 6/20/20.				
Lot 193	Silt Fence	Lot 193		Removed	
<b>Current Condition:</b>	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
<b>Current Condition:</b>	Good Condition - This is a pond as of 1993.				
SB 1	Sediment Basin	Lot 109		Removed	
<b>Current Condition:</b>	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	
<b>Current Condition:</b>	Removed- the inspector removed the silt fence during the inspection on 3/22/17.				
SF 5	Silt Fence	South side of lake		Removed	
<b>Current Condition:</b>	Removed- the inspector removed the silt fence during the inspection on 3/22/17.				
SF 8	Silt Fence	40' South of SF 5		Removed	
<b>Current Condition:</b>	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
<b>Current Condition:</b>	<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</p>				
SF 10	Silt Fence	Behind Lot 190	12/5/2018	Active	No
<b>Current Condition:</b>	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	No
<b>Current Condition:</b>	Good Condition - No signs of trackout were observed during the last inspection.				
SWPPP Sign	SWPPP Sign	Two signs on site	8/8/2008	Active	No
<b>Current Condition:</b>	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: 