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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: Zach Roza		Stage
Project Name:	Iron Horse CSW-202206238	1
For Week Ending:	5/25/2024	
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:	85%			

RAIN FALL AMOUNTS	Amount in tenths/Storm Duration	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.17"				
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	10:30 AM	
Thursday:	0.01"				
Friday:	0.62"				2:30 AM - 5:00 AM
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?

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?

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.) 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.) Lot 24 should be stabilized and construction debris from lot 25 should be removed. Marque Custom Homes was informed to complete by 4/1/24. Not done as of the last inspection. Marque Custom Homes removed the construction debris from the lot and the lot was stabilized with natural vegetation prior to the inspection on 5/22/24.					
3.) Project will be treated as a stage 1 with weekly inspections as of 5/15/24.					
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 1	Individual Lot	Lot 1	4/26/2024	Active	No
Current Condition:	Active - An unknown contractor began excavation on the lot prior to the inspection on 4/26/24. Due to the grade of the lot, no BMPs will be recommended at this time. E&A inspector will monitor and make recommendations when the builder is identified.				
Lot 2	Individual Lot	Lot 2	4/26/2024	Pending	Yes
Current Condition:	Pending - An unknown contractor began excavation on the lot prior to the inspection on 4/26/24. Homeowner was identified as the owner on 5/23/24.				
1.) Silt fence should be installed along the rear of the lot.					
2.) Silt fence or wattles should be installed along the south side of the lot.					
1.) Homeowner was informed to complete by 5/29/24.					
2.) Homeowner was informed to complete by 5/29/24.					
Lot 33	Individual Lot	Lot 33		Removed	
Current Condition:	Removed - The lot was sodded prior to the inspection on 12/18/23.				
Lot 47	Individual Lot	Lot 47	12/14/2022	Active	Yes
Current Condition:	Fair Condition - New Chapter Homes began construction on the lot prior to the inspection on 12/14/2022. Due to grade of the lot, no BMPs will be recommended at this time. New Chapter Homes removed the dirt pile from the ROW, cleaned the street, and removed concrete waste from the lot prior to the inspection on 1/03/23. New Chapter Homes secured a portable toilet on the lot prior to the inspection on 2/14/23. New Chapter Homes stood up the portable toilet prior to the inspection on 7/04/23. New Chapter Homes resecured the portable toilet prior to the inspection on 7/12/23. New Chapter Homes resecured a portable toilet on the lot prior to the inspection on 8/09/23. New Chapter Homes sodded the lot prior to the inspection on 8/28/23.				
The areas adjoining the lot disturbed for construction should be stabilized and construction debris should be removed.					
New Chapter Homes was informed to complete by 9/04/23. Not done as of the last inspection. New Chapter Homes was reminded on 11/22/23, 3/8/24, 5/10/24.					
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 1 R VI	Silt Fence	Lot 1 R VI	8/17/2017	Active	Yes
Current Condition:	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. Boyer Young removed the damaged runs of silt fence from the lot prior to the inspection on 11/11/20. Lot was formerly identified as Lot 113. Some portions of the silt fence were loose from the t-posts during the inspection on 6/24/21. E&A inspector retied a portion of the silt fence during the inspection on 8/10/21. Homeowner began excavation on the lot prior to the inspection on 5/2/24.				
Adjacent streets should be cleaned.					
Homeowner was informed to complete by 5/3/24. Not done as of the last inspection. Homeowner was reminded on 5/23/24.					
Lot 2 R VI	Individual Lot	Lot 2 R VI	10/4/2023	Active	Yes

Current Condition:	Fair Condition - An unknown contractor began excavation on the lot prior to the inspection on 10/04/23. Due to the grade of the lot and vegetation, no BMPs will be recommended at this time. Malibu Homes installed and secured a portable toilet prior to the inspection on 11/8/23. Malibu Homes installed silt fence along the back of the lot prior to the inspection on 11/22/23. Malibu Homes cleaned the streets prior to the inspection on 3/6/24. The silt fence along the back of the lot was partially damaged/collapsed prior to the inspection on 4/26/24. The silt fence along the back of the lot should be cleaned out and repaired where damaged. Malibu Homes was informed to complete by 5/9/24. Not done as of the last inspection. Malibu Homes was reminded on 5/23/24.				
Lot 34	Individual Lot	Lot 34	5/2/2024	Active	Yes
Current Condition:	Pending - Dirt from lot 1 R VI was being stockpiled on the lot during the 5/2/24 inspection. Dirt pile should be removed from the lot and silt fence should be installed around the perimeter of the lot in the meantime. Homeowner of lot 1 R VI was informed to complete by 5/9/24. Not done as of the last inspection. Homeowner was reminded on 5/23/24.				
Lot 61	Individual Lot	Lot 61	5/2/2024	Active	No
Current Condition:	Good Condition - Homeowner began excavation on the lot prior to the inspection on 5/2/24. Homeowner installed silt fence along the north and eastern sides of the lot prior to the inspection on 5/2/24. Homeowner installed and staked down a portable toilet on site prior to the inspection on 5/2/24.				
Lot 152	Individual Lot	Lot 152		Removed	
Current Condition:	Removed - Citadel Homes sodded the lot prior to the inspection on 10/24/22. The lot to the north stabilized prior to the inspection on 5/19/23. Citadel Homes removed the silt fence from the lot prior to the inspection on 6/02/23. Concrete waste removal recommendations will be made once Lot 151 becomes active.				
Lot 155	Silt Fence	Lot 155	9/3/2018	Active	Yes
Current Condition:	Pending - Widhalm Custom Homes installed silt fence on the lot to protect sodded lot 154 prior to inspection on 9/3/18. Silt fence recommendations will no longer be made as of 8/28/23. Gateway Custom Homes began excavation on the lot prior to the inspection on 5/14/24. Gateway Custom Homes removed the silt fence along the south side of the lot prior to the inspection on 5/15/24. 1.) Dirt piles should be removed from the ROW. 2.) Silt fence should be re-installed along the south side of the lot. 3.) Silt fence should be installed along the rear of the lot. 1.) Gateway Custom Homes was informed to complete by 5/22/24. Not done as of the last inspection. 2.) Gateway Custom Homes was informed to complete by 5/22/24. Not done as of the last inspection. 3.) Gateway Custom Homes was informed to complete by 5/22/24. Not done as of the last inspection.				
Lot 175	Individual Lot	Lot 175	10/2/2023	Active	No
Current Condition:	Active - An unknown contractor began excavation on the lot prior to the inspection on 10/02/23. Due to the grade of the lot and active excavation, no BMPs will be recommended at this time. E&A inspector will monitor.				
Lot 176	Individual Lot	Lot 176	10/2/2023	Active	No
Current Condition:	Active - An unknown contractor began excavation on the lot prior to the inspection on 10/02/23. Due to the grade of the lot and active excavation, no BMPs will be recommended at this time. Gateway Homes installed and secured a portable toilet prior to the inspection on 11/10/23.				
Lot 177	Individual Lot	Lot 177	4/12/2023	Active	No
Current Condition:	Active - Gateway Homes began construction on the lot prior to the inspection on 4/12/23.				
Lot 178	Individual Lot	Lot 178		Removed	
Current Condition:	Removed - Gateway Homes sodded the lot prior to the inspection on 11/10/23.				
Lot 179	Individual Lot	Lot 179		Removed	
Current Condition:	Removed - Gateway Homes sodded the lot prior to the inspection on 11/10/23.				
Lot 180	Individual Lot	Lot 180		Removed	
Current Condition:	Removed - Gateway Homes sodded the lot prior to the inspection on 11/10/23.				
Lot 181	Individual Lot	Lot 181		Removed	
Current Condition:	Removed - Gateway Homes sodded the lot prior to the inspection on 11/10/23.				
Lot 182	Individual Lot	Lot 182	3/17/2023	Active	No
Current Condition:	Good Condition - JD Builders, Inc. began construction on the lot prior to the inspection on 3/17/23. A dirt pile was observed in the ROW during the inspection on 3/17/23. A portable toilet was on the lot during the inspection on 3/17/23. JD Builders, Inc. removed the dirt pile from the ROW prior to the inspection on 4/12/23. JD Builders, Inc. stood up the portable toilet prior to the inspection on 4/17/23. JD Builders, Inc. cleaned the street along the lot prior to the inspection on 6/29/23. JD Builders, Inc. secured the portable toilet prior to the inspection on 11/10/23. JD Builders cleaned up the concrete waste prior to the inspection on 3/6/24. JD Builders cleaned the streets prior to the inspection on 3/6/24.				
Lot 183	Individual Lot	Lot 183		Removed	
Current Condition:	Removed - David A.D. Homes Inc. sodded the lot prior to the inspection on 11/10/23.				
Lot 185	Individual Lot	Lot 185		Removed	
Current Condition:	Removed - Ark Builders sodded the lot prior to the inspection on 11/22/23.				
Lot 190	Individual Lot	Lot 190	8/28/2023	Active	Yes

Current Condition:	<p>Fair Condition - An unknown contractor disturbed the lot prior to the inspection on 8/28/23. Homeowner removed the concrete waste from the lot prior to the inspection on 11/22/23. Homeowner installed and secured a portable toilet on the lot prior to the inspection on 12/27/23. Homeowner installed silt fence along the rear and east side of the lot prior to the inspection on 1/10/24. Homeowner installed silt fence along the majority of the front of the lot prior to the inspection on 2/7/24.</p> <p>1.) Silt fence along the front and side of the lot should be repaired. 2.) Silt fence along the rear of the lot should be repaired.</p> <p>1.) Homeowner was informed to complete by 2/14/24. Not done as of the last inspection. Homeowner was reminded on 3/15/24, 3/29/24, 5/10/24. 2.) Homeowner was informed to complete by 4/1/24. Not done as of the last inspection. Homeowner was reminded on 5/10/24.</p>				
Lot 195	Individual Lot	Lot 195	12/18/2023	Active	Yes
Current Condition:	<p>Fair Condition - An unknown contractor began construction on the lot, installed a portable toilet and installed silt fence along the back of the lot prior to the inspection on 12/18/23. MK Builders cleaned the streets prior to the inspection on 5/14/24.</p> <p>1.) Straw wattles should be installed along the front of the lot. 2.) Silt fence along the back of the lot should be repaired where damaged. 3.) The portable toilet on the lot should be secured.</p> <p>1.) MK Builders was informed to complete by 2/14/24. Not done as of the last inspection. MK Builders was reminded on 3/15/24, 4/17/24, 5/17/24. 2.) MK Builders was informed to complete by 4/24/24. Not done as of the last inspection. MK Builders was reminded on 5/17/24. 3.) MK Builders was informed to complete by 5/22/24.</p>				
Lot 196	Individual Lot	Lot 196	5/7/2024	Active	No
Current Condition:	<p>Good Condition- MK Builders began excavation on the lot prior to the inspection on 5/7/24. MK Builders installed silt fence along the back of the lot prior to the inspection on 5/7/24.</p>				
Lot 199	Individual Lot	Lot 199		Removed	
Current Condition:	<p>Removed - MK Builders sodded the lot prior to the inspection on 11/22/23.</p>				
Lot 200	Individual Lot	Lot 200		Removed	
Current Condition:	<p>Removed - Nathan Homes sodded the lot prior to the 8/14/23 inspection.</p>				
PDP A	Permanent Detention Pond	41°02'43.47"N 96°20'36.65"W	In Place	Active	No
Current Condition:	<p>Good Condition - This is a pond as of 1993.</p>				
SB 1	Sediment Basin	Lot 109		Removed	
Current Condition:	<p>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.</p>				
SF 3	Silt Fence	Lot 197		Removed	
Current Condition:	<p>Removed- the inspector removed the silt fence during the inspection on 3/22/17.</p>				
SF 5	Silt Fence	South side of lake		Removed	
Current Condition:	<p>Removed- the inspector removed the silt fence during the inspection on 3/22/17.</p>				
SF 8	Silt Fence	40' South of SF 5		Removed	
Current Condition:	<p>Removed- the inspector removed the silt fence during the inspection on 3/22/17.</p>				
SF 9	Silt Fence	East of Lots 119 and 120	In Place	Active	No
Current Condition:	<p>Good Condition - Boyer Young repaired and partially removed the silt fence prior to inspection on 12/5/17. The</p>				
SF 10	Silt Fence	Behind Lot 190		Removed	
Current Condition:	<p>Removed - The silt fence was removed prior to the inspection on 9/01/21.</p>				
STR	Streets	41°02'28.55"N 96°20'36.35"W		Removed	
Current Condition:	<p>Removed- Streets will be tracked on a lot by lot basis as of 5/17/24.</p>				
SWPPP Sign	SWPPP Sign	Three signs on site	8/8/2008	Active	No
Current Condition:	<p>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. E&A inspector installed a SWPPP sign in the parking lot of the Iron Horse Clubhouse on 6/06/22.</p>				
Certification Statement:	<p>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.</p>				
Inspector Signature:			Reviewed By:		