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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: Ethan Anderson		Stage
Project Name:	Iron Horse CSW-202206238	1
For Week Ending:	1/11/2025	
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	Date inspected	Weather Conditions	Time	Storm Duration
					Week 1
Sunday:	0.00"				
Monday:	0.00"				
Tuesday:	0.00"				
Wednesday:	0.00"	1/8/2025	Sunny 26/6	8:50 AM	
Thursday:	0.00"				
Friday:	0.00"				
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:

1.) 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

2.) 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

3.) Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?

No

Create Corrective Action?

No - See BMP Section

4.) Are construction entrances and adjacent streets being maintained adequately?

No

Create Corrective Action?

No - See BMP Section.

5.) Is dust associated with the construction activity adequately controlled on the site?

Yes

Create Corrective Action?

N/A

Comments:**Comments:**

1.) Site was active for home construction and storm installation during most recent inspection.

Findings / Corrective Actions (Date):**Findings / Corrective Actions (Date):**


1.) Some maintenance is required in the BMP section.

2.) Silt fence along the rear of completed lots 190, 195, and 2 replat IV can now be removed. The homeowners and MK Builders were informed to complete by 1/15/25.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CW 1	Inlet	Lot		Removed	
Current Condition:	Removed - An unknown contractor cleaned and removed the concrete washout across from lot 2 prior to the inspection on 12/11/24.				
IF 1	Inlet	Lot 110		Removed	
Current Condition:	Removed - An unknown contractor removed the inlet filter prior to the inspection on 8/7/24.				
Lot 1	Individual Lot	Lot 1	4/26/2024	Active	No
Current Condition:	Active - This lot is inactive for construction. E&A inspector will monitor and make recommendations when a builder is identified.				
Lot 2	Individual Lot	Lot 2		Removed	
Current Condition:	Removed - Andel Corp. sodded the lot prior to the inspection on 12/11/24.				
Lot 24	Individual Lot	Lot 24	10/16/2024	Active	Yes
Current Condition:	Fair Condition - The homeowner began excavating the lot prior to the inspection on 10/16/24. Dirt piles were observed in the ROW. E&A inspector will monitor for dirt removal. The homeowner installed wattles at the front of the lot and silt fence around the sides and rear of the lot prior to the inspection on 12/4/24. 1.) Perimeter silt fence should be repaired. 2.) Portable toilet should be secured. 1.) The homeowner was informed to complete by 1/8/25. Not done as of last inspection. 2.) The homeowner was informed to complete by 1/8/25. Not done as of last inspection.				
Lot 33	Individual Lot	Lot 33		Removed	
Current Condition:	Removed - The lot was sodded prior to the inspection on 12/18/23.				
Lot 34	Individual Lot	Lot 34	5/2/2024	Active	No
Current Condition:	Active - This lot is inactive for construction. Dirt from lot 61 was being stockpiled on the lot during the 5/2/24 inspection. Koch Excavating removed the dirt pile from the lot prior to the inspection on 5/29/24. E&A inspector will monitor and make recommendations when a builder is identified.				
Lot 39	Individual Lot	Lot 39	8/21/2024	Active	Yes
Current Condition:	Fair Condition - An unknown builder began excavating the lot prior to the inspection on 8/21/24. Dirt piles were observed in the ROW. E&A inspector will monitor for dirt removal. An unknown builder installed a silt fence at the rear of the lot prior to the inspection on 8/28/24. Silt fence should be repaired. The homeowner was informed to complete by 12/11/24. Not done as of last inspection.				
Lot 46	Individual Lot	Lot 46	9/11/2024	Active	Yes
Current Condition:	Fair Condition - MK Builders began excavating the lot prior to the inspection on 9/11/24. Dirt piles were observed in the ROW. MK Builders installed a silt fence along the rear of the lot prior to the inspection on 9/11/24. MK Builders installed and secured a portable toilet on the lot prior to the inspection on 10/23/24. MK Builders removed the dirt piles prior to the inspection on 12/4/24. 1.) Silt fence should be repaired at the rear of the lot. 2.) Wattles should be installed along the front of the lot. 1.) MK Builders was informed to complete by 1/8/25. Not done as of last inspection. 2.) MK Builders was informed to complete by 1/8/25. Not done as of last inspection.				
Lot 47	Individual Lot	Lot 47		Removed	
Current Condition:	Removed - New Chapter Homes sodded the lot prior to the inspection on 8/28/23. The adjoining lot was stabilized with natural vegetation prior to the inspection on 5/29/24.				
Lot 52	Silt Fence	Lot 52	11/13/2024	Active	Yes
Current Condition:	Fair Condition - Andel Corp. began excavating the lot prior to the inspection on 11/13/24. Dirt piles were observed in the ROW. E&A inspector will monitor for dirt removal. Andel Corp. installed and secured a portable toilet on the lot prior to the inspection on 12/4/24. 1.) Silt fence and wattles should be installed on the perimeter of the lot. 2.) The street should be cleaned. 1.) Andel Corp was informed to complete by 12/11/24. Not done as of last inspection. 2.) Andel Corp was informed to complete by 12/5/24. Not done as of last inspection.				
Lot 56	Silt Fence	Lot 56	6/1/2020	Pending	Yes

Current Condition:	Pending - Dunrite Homes began excavating the lot prior to the inspection on 8/28/24. Dirt piles were observed in the ROW. E&A inspector will monitor for dirt removal. 1.) Street should be cleaned along the curb. 2.) Silt fence or Wattles should be installed along the front and sides of the lot. 1.) Dunrite Homes was informed to complete by 10/3/24. Not done as of last inspection. Dunrite Homes was reminded on 10/11/24, 12/4/24 2.) Dunrite Homes was informed to complete by 10/9/24. Not done as of last inspection. Dunrite Homes was reminded on 10/11/24, 12/4/24				
Lot 61	Individual Lot	Lot 61		Removed	
Current Condition:	Removed - The homeowners sodded the lot prior to the inspection on 9/18/24.				
Lot 151	Individual Lot	Lot 151	10/16/2024	Active	Yes
Current Condition:	Fair Condition - An unknown builder began excavating the lot prior to the inspection on 10/16/24. Dirt piles were observed in the ROW. E&A inspector will monitor for dirt removal. The builder installed a silt fence along the rear and side of the lot prior to the inspection on 10/16/24. The builder removed the dirt piles and secured a portable toilet prior to the inspection on 12/11/24. Silt fence should be repaired at the rear of the lot. The homeowners were informed to complete by 1/8/25. Not done as of last inspection.				
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	Pending	No
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. Gateway Custom Homes installed wattles at the rear corner of the lot, removed the dirt piles, removed concrete waste and cleaned some of the sediment in the corner of the lot prior to the inspection on 7/10/24. Gateway Custom Homes installed and secured a portable toilet on the lot prior to the inspection on 7/17/24. Lot has stabilized along the rear of the lot prior to the inspection on 9/25/24. Gateway Custom Homes removed the wattles, portable toilet and fine graded the lot for sod installation. E&A inspector will monitor.				
Lot 175	Individual Lot	Lot 175		Removed	
Current Condition:	Removed - Gateway Custom Homes sodded the lot prior to the inspection on 9/25/24.				
Lot 176	Individual Lot	Lot 176		Removed	
Current Condition:	Removed - Gateway Custom Homes sodded the lot prior to the inspection on 9/25/24.				
Lot 177	Individual Lot	Lot 177	4/12/2023	Active	No
Current Condition:	Good Condition - Gateway Homes began construction on the lot prior to the inspection on 4/12/23. Gateway Custom Homes began excavation on the lot prior to the inspection on 8/7/24. Gateway Custom Homes cleaned the street prior to the inspection on 8/7/24. Gateway Custom Homes reinstalled wattles on the front of the lot prior to the inspection on 9/25/24.				
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		Removed	
Current Condition:	Removed - The homeowner sodded the lot prior to the inspection on 11/27/24.				
Lot 192	Individual Lot	Lot 192	12/4/2024	Active	Yes

Current Condition:	Fair Condition - True North Custom Homes began excavating the lot prior to the inspection on 12/4/24. Dirt piles were observed in the ROW during the inspection on 12/4/24. True North Custom Homes installed wattles at the rear of the lot prior to the inspection on 12/4/24. True North Custom Homes removed the dirt piles prior to the inspection on 1/1/2025. 1.) The street should be cleaned. 2.) Wattles should be installed along the front of the lot. 1.) True North Custom Homes was informed to complete by 1/4/25. Not done as of last inspection. 2.) True North Custom Homes was informed to complete by 1/8/25. Not done as of last inspection.				
Lot 195	Individual Lot	Lot 195		Removed	
Current Condition:	Removed - MK Builders sodded the lot prior to the inspection on 8/14/24.				
Lot 196	Individual Lot	Lot 196	5/7/2024	Active	Yes
Current Condition:	Fair Condition- MK Builders began excavation on the lot prior to the inspection on 5/7/24. MK Builders installed slit fence along the back of the lot prior to the inspection on 5/7/24. MK Builders installed and secured a portable toilet on the lot prior to the inspection on 7/24/24. MK Builders cleaned the street prior to the inspection on 9/25/24. 1.) Wattles should be installed along the front of the lot. 2.) The silt fence at the rear of the lot is full and down and should be cleaned out and repaired. 1.) MK Builders was informed to complete by 6/27/24. Not done as of last inspection. MK Builders was reminded on 8/7/24, 9/27/24, 10/31/24, 12/4/24, 1/3/25 2.) MK Builders was informed to complete by 7/3/24. Not done as of last inspection. MK Builders was reminded on 8/7/24, 9/27/24, 10/31/24, 12/4/24, 1/3/25				
Lot 199	Individual Lot	Lot 199		Removed	
Current Condition:	Removed - MK Builders sodded the lot prior to the inspection on 11/22/23.				
Lot 200	Individual Lot	Lot 200		Removed	
Current Condition:	Removed - Nathan Homes sodded the lot prior to the 8/14/23 inspection.				
Lot 7 R II	Silt Fence	Lot 7 R II	11/27/2024	Active	No
Current Condition:	Good Condition - An unknown builder began excavating the lot prior to the inspection on 11/27/24. Dirt piles were observed in the row on 11/27/24. E&A inspector will monitor for dirt removal. An unknown builder installed wattles on the perimeter of the lot prior to the inspection on 11/27/24.				
Lot 2 R VI	Individual Lot	Lot 2 R VI		Removed	
Current Condition:	Removed - Malibu Homes sodded the lot prior to the inspection on 10/30/24.				
Lot 3 R VI	Silt Fence	Lot 3 R VI		Removed	
Current Condition:	Removed - Prairie Homes sodded the lot prior to the inspection on 1/1/25.				
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		Removed	
Current Condition:	Removed - Silt fence was removed by an unknown contractor prior to the inspection on 7/24/24.				
SF 10	Silt Fence	Behind Lot 190		Removed	
Current Condition:	Removed - The silt fence was removed prior to the inspection on 9/01/21.				
STR	Streets	41°02'28.55"N 96°20'36.35"W		Removed	
Current Condition:	Removed- Streets will be tracked on a lot by lot basis as of 5/17/24.				
SWPPP Sign	SWPPP Sign	Three 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. E&A inspector installed a SWPPP sign in the parking lot of the Iron Horse Clubhouse on 6/06/22.				
Storm Improvements					
CE 1	Construction Entrance	Lot 1	12/31/2024	Pending	Yes
Current Condition:	Pending - Construction entrance should be installed if area will be continued to be accessed. Hausman was informed to complete by 1/15/25.				
EM	Erosion Matting	Walking trail behind lot 1	12/31/2024	Pending	No
Current Condition:	Pending - Matting will be installed when work in area is complete.				
SW 1	Straw wattles	12/4/2024	Walking trail behind lot 1	Pending	No

Current Condition:	Pending - Wattles will be installed when work in area is complete.				
RN 14	Swale	Walking trail behind lot 1	1/30/2025	Pending	Yes
Current Condition:	Pending - Swale should be installed. Hausman was informed to complete by 1/15/25.				
SF 1	Silt Fence	Walking trail behind lot 1	12/4/2024	Active	No
Current Condition:	Good Condition - Hausman installed the silt fence prior to the inspection on 12/4/24.				
SF 2	Silt Fence	Walking trail behind lot 1	12/4/2024	Active	Yes
Current Condition:	Fair Condition - Hausman installed the silt fence prior to the inspection on 12/4/24. Silt fence should be repaired. Hausman was informed to complete by 1/15/25.				
SF 3	Silt Fence	Rear of Lot 1	12/4/2024	Pending	Yes
Current Condition:	Pending - Silt fence should be installed. Hausman was informed to complete by 1/15/25.				
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:	