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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:	8/17/2024	
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	Date inspected	Weather Conditions	Time	Storm Duration
					Week 1
Sunday:	0.00"				
Monday:	1.30"				12:55 AM - 6:55 AM
Tuesday:	0.00"				
Wednesday:	3.49"	8/14/2024	Cloudy 84/68	11:10 AM	2:35 AM - 5:55 AM and 9:35 PM - 10:55 PM
Thursday:	0.00"				
Friday:	0.00"				
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.
 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?
 No
 Create Corrective Action?
 No - See BMP Section
 - 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.) Site was active for home construction during most recent inspection.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date):					
1.) Some maintenance is required in the BMP section.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CW 1	Inlet	Lot	8/13/2024	Active	No
Current Condition:	Good Condition - An unknown contractor installed a concrete washout across from lot 2 prior to the inspection on 8/13/24.				
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	4/26/2024	Active	No
Current Condition:	Good Condition - Andel Corp. began excavation on the lot prior to the inspection on 4/26/24. Andel Corp. installed wattles along the rear of the lot prior to inspection on 7/17/24. Andel Corp. installed and secured a portable toilet on the lot prior to the inspection on 7/17/24. Andel Corp. installed a silt fence along the rear of the lot prior to inspection on 7/17/24. Andel Corp. installed wattles along the front of the lot prior to inspection on 8/7/24.				
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 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 57	Silt Fence	Lot 57	6/1/2020	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 61	Individual Lot	Lot 61	5/2/2024	Active	No
Current Condition:	Active - 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. The streets in front of the lot were dirty during the inspection on 5/29/24. Builder cleaned the streets prior to the inspection on 6/5/24. A small portion of the silt fence was damaged on the north side of the lot prior to the inspection on 6/5/24. E&A inspector will monitor and make recommendations when a builder is identified.				
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:	Fair Condition - 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. Silt fence should be installed along the rear and northeast side of the lot. Gateway Custom Homes was informed to complete by 5/22/24. Not done as of the last inspection. Gateway Custom Homes was reminded on 6/26/24, 7/3/24, 8/7/24				
Lot 175	Individual Lot	Lot 175	10/2/2023	Active	No
Current Condition:	Active - This lot is inactive for construction. Gateway Custom Homes began storing dirt on the lot from lot 176 prior to the inspection on 10/2/23. Gateway Custom Homes was in the process of removing dirt piles on the lot during the inspection on 8/7/24. E&A inspector will monitor.				
Lot 176	Individual Lot	Lot 176	10/2/2023	Active	Yes
Current Condition:	Fair Condition - Gateway Custom Homes began excavation on the lot prior to the inspection on 10/02/23. Gateway Homes installed and secured a portable toilet prior to the inspection on 11/10/23. Gateway Custom Homes cleaned the street prior to the inspection on 8/7/24. Wattles should be installed along the front of the lot. Gateway Custom Homes was informed to complete by 7/3/24. Not done as of last inspection. Gateway Custom Homes was reminded on 8/7/24.				
Lot 177	Individual Lot	Lot 177	4/12/2023	Pending	Yes

Current Condition:	Pending - 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.				
	Wattles should be re-installed along the front of the lot.				
	Gateway Custom Homes was informed to complete by 7/3/24. Not done as of last inspection. Gateway Custom Homes was reminded on 8/7/24.				
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	8/28/2023	Active	Yes
Current Condition:	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. Homeowner partially repaired the silt fence on the lot prior to the inspection on 6/12/24.				
	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. 3.) Portable toilet should be re-staked down.				
	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, 6/12/24, 8/8/24 2.) Homeowner was informed to complete by 4/1/24. Not done as of the last inspection. Homeowner was reminded on 5/10/24, 6/12/24, 8/8/24 3.) Homeowner was informed to complete by 6/19/24. Not done as of the last inspection. Homeowner was reminded on 8/8/24				
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 silt 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.				
	1.) Street should be cleaned. 2.) Wattles should be installed along the front of the lot. 3.) 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 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 3.) MK Builders was informed to complete by 8/14/24. Not done as of the last inspection.				
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 2 R VI	Individual Lot	Lot 2 R VI	10/4/2023	Active	Yes

Current Condition:	<p>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.</p> <p>1.) The silt fence along the back of the lot should be cleaned out and repaired where damaged. 2.) The portable toilet on the lot should be staked down.</p> <p>1.) 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, 6/14/24, 7/3/24, 8/7/24 2.) Malibu Homes was informed to complete by 6/19/24. Not done as of the last inspection. Malibu Homes was reminded on 7/3/24, 8/7/24</p>				
Lot 3 R VI	Silt Fence	Lot 3 R VI	8/17/2017	Active	Yes
Current Condition:	<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. 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. Due to plat change, lot will now be classified as lot 3 R VI as of 5/31/24. Homeowner cleaned the streets prior to the inspection on 5/29/24. Prairie Homes installed silt fence along the south side of the lot prior to the inspection on 6/12/24.</p> <p>1.) Silt fence at the rear of the lot should be repaired. 2.) Concrete waste and construction waste should be cleaned and removed.</p> <p>1.) Prairie Homes was informed to complete by 8/14/24. Not done as of the last inspection. 2.) Prairie Homes was informed to complete by 8/14/24. Not done as of the last inspection.</p>				
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.				
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:	