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Engineering Answers

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

E&A- P2006.056.001

Inspector: Alex Emerson		Stage 3
Project Name:	Iron Horse NER110574	
For Week Ending:	9/12/2015	
Project Location:	Hwy 6 & Iron Horse Drive- Ashland, NE (Saunders County)	68003


Grading:	100%			
Sanitary Sewer:	90%			
Storm Sewer:	90%			
Paving:	90%			
Seeding:	100%			
Utilities:	90%			
Overall Development:	50%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	
				Week 1
Sunday:	1.45"			
Monday	0.01"	8/10/2015	82/67 Cloudy	
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				Week 2
Sunday:	0.00"			
Monday	0.83"			
Tuesday	3.37"			
Wednesday	0.00"	08/19/15	73/53 Partly Cloudy	
Thursday	0.00"			
Friday	0.00"			
Saturday	0.04"			
				Week 3
Sunday:	0.01"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.08"			
Friday	0.91"			
Saturday	0.00"	08/29/15	70/61 Mostly Cloudy	
				Week 4
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				Week 5
Sunday:	0.03"			
Monday	0.05"			
Tuesday	0.63"			
Wednesday	0.14"	09/09/15	81/60 Sunny	
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.					
Summary Questions:					
Are approved entrances and adjacent streets being maintained adequately?					
No. See BMP section.					
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					
Checklist Questions:					
Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?					
Yes					
Is dust associated with the construction activity adequately controlled on the site?					
Yes					
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.					

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
Lot 7	Silt Fence	Lot 7		Removed	
Current Condition:	Removed-The lot is sodded and there are no signs of runoff in the golf course turf as of inspection on 4/20/15.				
Lot 8	Silt Fence	Lot 8	4/20/2015	Active	Yes
Current Condition:	Fair Condition-Silt fence and Gator Guard remain on the back of the lot as of inspection on 4/20/15. The silt fence is damaged and Gator Guard is full as of inspection on 4/20/15. PHI was requested to repair or remove the BMPs by 4/27/15. Not done as of last inspection.				
Lot 33	Straw Wattles	Lot 33	1/15/2015	Active	No
Current Condition:	Good Condition-Nathan Homes had straw wattles installed along the curb line due to the lot being disturbed during construction on lot 118 prior to inspection on 1/15/15.				
Lot 36	Individual Lot	Lot 36		Removed	
Current Condition:	Fair Condition-Silverstone sodded the lot prior to inspection on 7/27/15.				
Lot 37	Silt Fence	Lot 37	7/27/2015	Active	No
Current Condition:	Good Condition-Kendel Homes installed a silt fence on the back and east side of the lot prior to inspection on 7/27/15.				
Lot 61	Individual Lot	Lot 61	10/24/2014	Pending	Yes
Current Condition:	Pending-There is no construction activity on the lot. Runoff continues to be observed from the disturbed portion of the lot from construction activity on lot 62 as of inspection on 10/24/14. The Home Company was requested to seed the disturbed area by 11/7/14. Not done as of last inspection. THC was reminded on 12/18/14, 1/15/15, 4/22/15.				
Lot 114	Silt Fence	Lot 114	8/19/2015	Active	No
Current Condition:	Good Condition-Gaver Construction installed silt fence on the back of the lot prior to inspection on 8/19/15.				
Lot 138	Silt Fence	Lot 138	5/4/2010	Active	Yes
Current Condition:	Fair Condition Silt fence is down/damaged and needs to be repaired or it can be removed. (See previous reports) The E&A inspector will remove during the next routine inspection.				
Lot 139	Silt Fence	Lot 139		Removed	
Current Condition:	Removed-Mick Smith Construction sodded the lot prior to inspection on 6/12/15.				
Lot 147	Silt Fence	Lot 147		Removed	
Current Condition:	Removed-PHI removed the silt fence and sodded the lot prior to inspection on 5/6/15.				
Lot 153	Individual Lot	Lot 153		Removed	
Current Condition:	Removed-Widhalm Custom Homes sodded the lot prior to inspection on 7/27/15.				

Lot 154	Silt Fence	Lot 154	8/19/2015	Active	No
Current Condition:	Good Condition-Wildhalm Custom Homes has installed silt fence on the north side to protect newly sodded lot 153 as of inspection on 8/19/15.				
Lot 159	Silt Fence	Lot 159	8/19/2015	Active	No
Current Condition:	Good Condition-The Home Company has begun home construction and has installed silt fence on the northwest corner as of inspection on 8/19/15.				
Lot 188	Silt Fence	Lot 188		Removed	
Current Condition:	Removed-Silt fence remains on lot 189 and natural vegetation has returned to lots 187 and 189 as of inspection on 6/12/15.				
Lot 189	Silt Fence	Lot 189	6/12/2015	Active	No
Current Condition:	Good Condition-Silt fence remains on lot 189 from construction on lot 188 as of inspection on 6/12/15.				
PDP A	Permanent Detention Pond	41°02'43.47"N 96°20'36.65"W	In Place	Active	No
Current Condition:	Good Condition				
SF 3	Silt Fence	Lot 197	In Place	Active	Yes
Current Condition:	Fair Condition Silt fence on lot 197 is down/damaged and needs to be repaired or it can be removed. (See previous reports) The E&A inspector will remove during the next routine inspection.				
SF 5	Silt Fence	South side of lake	In Place	Active	Yes
Current Condition:	Fair Condition One area is down/damaged and full and needs to be repaired and cleaned out. Boyer Young was informed to complete by 6/6/08. Not done as of last inspection. Boyer Young was reminded on 3/13/09, 5/3/10, 6/30/10, 9/17/10, 4/21/11, 8/10/11, 3/6/12, 4/3/13, 9/16/13, 10/7/13, 10/17/13, 12/4/13, 2/12/14, 4/30/14.				
SF 8	Silt Fence	40' South of SF 5	In Place	Active	Yes
Current Condition:	Fair Condition-The silt fence was in place prior to inspection on 1/15/14. Various sections of the silt fence are down and damaged as of inspection on 1/15/14. Boyer Young will be requested to repair the silt fence on 1/15/14. Not done as of last inspection. Boyer Young was reminded on 2/12/14, 4/30/14.				
STR	Streets	41°02'28.55"N 96°20'36.35"W	In Place	Active	No
Current Condition:	Good Condition-No major signs of track out. Mick Smith cleaned the cul-de-sac south of lot 139 prior to inspection on 8/19/15.				
SWPPP Sign	SWPPP Sign	Three signs on site	8/8/2008	Active	No
Current Condition:	Good Condition - A sign has been installed at Club House Drive and Hwy 6 and at Iron Horse Drive and Hwy 6. South Lakeview Way & South Bend Road entrance.				
Inspector Signature: 			Reviewed By: 