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Engineering Answers

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E & A CONSULTING GROUP, INC.
 ENGINEERING • PLANNING • ENVIRONMENTAL & FIELD SERVICES

E&A- P2006.056.001

Inspector: Alex Emerson		Stage 3
Project Name:	Iron Horse NER110574	
For Week Ending:	7/11/2015	
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:	0.28"			
Monday	0.61"			
Tuesday	0.00"	06/16/15	80/56 Sunny	
Wednesday	0.00"			
Thursday	0.14"			
Friday	0.00"			
Saturday	0.00"			
				Week 2
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.80"	06/24/15	90/65 Light Rain	
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				Week 3
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.04"			
Wednesday	0.23"			
Thursday	0.14"			
Friday	0.04"			
Saturday	0.00"			
				Week 4
Sunday:	0.13"			
Monday	0.15"			
Tuesday	0.03"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.02"			
				Week 5
Sunday:	N/A	N/A	N/A	
Monday	N/A	N/A	N/A	
Tuesday	N/A	N/A	N/A	
Wednesday	N/A	N/A	N/A	
Thursday	N/A	N/A	N/A	
Friday	N/A	N/A	N/A	
Saturday	N/A	N/A	N/A	

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	10/2/2014	Active	Yes
Current Condition:	Fair Condition-The home is occupied as of inspection on 6/12/15. A t-post needs to be reset as of inspection on 5/15/15. Silverstone was requested to reset the t-post by 5/22/15. Not done as of last inspection.				
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 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 in May 2015.				
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	10/24/2014	Active	Yes

Current Condition:	<p>Fair Condition-The builder was identified as Widhalm as of inspection on 5/15/15.</p> <p>There is active construction on the lot and no BMP in place as of inspection on 5/15/15.</p> <p>Widhalm Custom Homes was requested to install silt fence on the southeast corner of the lot upstream of the area inlet by 5/22/15. Not done as of last inspection.</p>				
Lot 188	Silt Fence	Lot 188		Removed	
Current Condition:	<p>Removed-Silt fence remains on lot 189 and natural vegetation has returned to lots 187 and 189 as of inspection on 6/12/15.</p>				
Lot 189	Silt Fence	Lot 189	6/12/2015	Active	No
Current Condition:	<p>Good Condition-Silt fence remains on lot 189 from construction on lot 188 as of inspection on 6/12/15.</p>				
PDP A	Permanent Detention Pond	N00d00m00s W00d00m00s	In Place	Active	No
Current Condition:	<p>Good Condition</p>				
SF 3	Silt Fence	Lot 197	In Place	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>Silt fence on lot 197 is down/damaged and needs to be repaired or it can be removed.</p> <p>(See previous reports) The E&A inspector will remove during the next routine inspection in June 2015.</p>				
SF 5	Silt Fence	South side of lake	In Place	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>One area is down/damaged and full and needs to be repaired and cleaned out.</p> <p>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.</p>				
SF 8	Silt Fence	40' South of SF 5	In Place	Active	Yes
Current Condition:	<p>Fair Condition-The silt fence was in place prior to inspection on 1/15/14.</p> <p>Various sections of the silt fence are down and damaged as of inspection on 1/15/14.</p> <p>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.</p>				
STR	Streets	N00d00m00s W00d00m00s	In Place	Active	Yes
Current Condition:	<p>Fair Condition-The Home Company cleaned the curb line near lot 153 prior to inspection on 4/20/15.</p> <p>Some runoff was observed in the Iron Horse Dr. cul-de-sac as of inspection on 3/26/15.</p> <p>Mick Smith was requested to clean runoff by 3/27/15. Not done as of last inspection. Mick Smith was reminded on 4/20/15, 5/15/15, 6/12/15.</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 Club House Drive and Hwy 6 and at Iron Horse Drive and Hwy 6. South Lakeview Way & South Bend Road entrance.</p>				
Inspector Signature:				Reviewed By:	
					