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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:	<b>Iron Horse NER110574</b>	
For Week Ending:	<b>9/13/2014</b>	
Project Location:	<b>Hwy 6 &amp; Iron Horse Drive- Ashland, NE (Saunders County)</b>	<b>68003</b>

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		
					<b>Week 1</b>
Sunday:	0.23"				
Monday	0.03"				
Tuesday	0.02"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					<b>Week 2</b>
Sunday:	0.00"				
Monday	0.04"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.04"				
Friday	0.26"				
Saturday	1.53"	8/23/2014	91/70 Sunny		
					<b>Week 3</b>
Sunday:	0.00"				
Monday	0.00"				
Tuesday	1.36"				
Wednesday	1.58"				
Thursday	1.92"				
Friday	0.29"	08/29/14	78/68 Cloudy		
Saturday	0.00"				
					<b>Week 4</b>
Sunday:	0.23"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.16"				
Saturday	0.00"				
					<b>Week 5</b>
Sunday:	0.00"				
Monday	0.03"				
Tuesday	1.26"				
Wednesday	0.00"	09/10/14	78/67 Cloudy		
Thursday	0.05"				
Friday	0.45"				
Saturday	0.00"	9/13/2014	63/44 Sunny		

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.

**Comments:**

<b>Comments:</b> Home construction is active on a few lots.
<b>Findings / Corrective Actions (Date):</b>
<b>Findings / Corrective Actions (Date):</b> 1) Some maintenance is required in the BMP section.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
Lot 7	Silt Fence	Lot 7	7/30/2014	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-PHI removed the silt fence along the curb line to fine grade the lot prior to inspection on 8/23/14. PHI sodded the lot prior to inspection on 9/10/14.</p> <p>Runoff was observed on the golf course fine turf as of inspection on 8/29/14.</p> <p>PHI was requested to extend the North end of the silt fence and clean runoff by 9/5/14. Not done as of last inspection.</p>				
Lot 62	Individual Lot	Lot 62		Removed	
<b>Current Condition:</b>	Removed-The Home Company cleaned runoff and sodded the lot prior to inspection on 8/23/14.				
Lot 109	Silt Fence	Lot 109		Removed	
<b>Current Condition:</b>	Removed-Lot was sodded prior to inspection on 5/28/13 by Chris Stephanmire.				
Lot 110	Misc/Other	Lot 110		Removed	
<b>Current Condition:</b>	Lot 110 appears to have been drill seeded and vegetation is growing, prior to inspection on 7/23/13 by Chris Stephanmire.				
Lot 118	Silt Fence	Lot 118		Removed	
<b>Current Condition:</b>	Removed-Nathan Homes removed filter socks and sodded the lot prior to inspection on 8/23/14.				
Lot 138	Silt Fence	Lot 138	5/4/2010	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition</p> <p>Silt fence is down/damaged and needs to be repaired or it can be removed.</p> <p>Boyer Young was informed to complete maintenance by 4/27/2010. Not done as of last inspection. Boyer Young was reminded on 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>				
Lot 139	Silt Fence	Lot 139	6/6/2013	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition</p> <p>1) The new silt fence is down and damaged, not entrenched, and undercut in a few areas as of inspection on 6/23/14.</p> <p>2) Concrete residue was observed near unprotected inlet as of inspection on 9/13/14.</p> <p>1) Kevin with American National Bank was requested to repair the silt fence by 5/5/14. Not done as of last inspection. Kevin was reminded on 5/14/14, 6/4/14, 6/23/14. Mick Smith Construction was requested to repair silt fence on 8/29/14.</p> <p>2) Mick Smith Construction was requested to clean up residue by 9/20/14.</p>				
Lot 147	Silt Fence	Lot 147	7/30/2014	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-Silt fence on the West side of the lot is damaged and needs repaired, but due to the side being flat or draining into the lot, repairs are not being requested. Inspector will monitor.</p> <p>Silt fence is full in the back of the lot as of inspection on 9/13/14.</p> <p>PHI was requested to clean out SF by 9/20/14.</p>				
Lot 155	Silt Fence	Lot 155		Removed	
<b>Current Condition:</b>	Removed-The lot was sodded by Legacy Homes prior to inspection on 5/12/14.				
Lot 172	Misc/Other	Lot 172		Removed	
<b>Current Condition:</b>	Removed-The lot was sodded by Prairie Homes prior to inspection on 6/23/14.				
Lot 188	Silt Fence	Lot 188	11/6/2013	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-The Home Company sodded the lot prior to inspection on 8/25/14.</p> <p>1) There is some runoff in the golf course fine turf as of inspection on 5/12/14.</p> <p>2) There are disturbed areas on lots 187 and 189 as of inspection on 8/25/14.</p> <p>1) Gabe with The Home Company was requested to clean up runoff ASAP on 5/14/14. Not done as of last inspection. Gabe was reminded on 6/5/14, 7/31/14, 8/29/14.</p> <p>2) Gabe with The Home Company was requested to seed the disturbed areas and remove the silt fence by 9/8/14. Not done as of last inspection.</p>				
Lot 198	Silt Fence	Lot 198		Removed	
<b>Current Condition:</b>	Removed- Lots 197 and 199 were stabilized by Brester Construction prior to inspection on 9/12/13.				
Lot 203	Silt Fence	Lot 203		Removed	
<b>Current Condition:</b>	Removed-Lot was sodded prior to inspection on 7/23/13 by Bob McGill.				
Lot 207	Silt Fence	Lot 207		Removed	
<b>Current Condition:</b>	Lot was sodded prior to inspection on 12/26/12 by Woita Homes.				
Lot 208	Silt Fence	Lot 208		Removed	
<b>Current Condition:</b>	The silt fence was removed by Woita Homes and the lot is fully vegetated prior to inspection on 9/12/13.				
Outlot	Silt Fence	Outlot behind lot 128		Removed	
<b>Current Condition:</b>	Silt fence checks in outlot behind lot 128 was removed prior to inspection on 4/21/13 by Boyer Young.				
PDP A	Permanent Detention Pond	N00d00m00s W00d00m00s	In Place	Active	No
<b>Current Condition:</b>	Good Condition				
POD A	Silt Fence	Lots 4-12		Removed	

<b>Current Condition:</b>	Silt fence check was removed on lot 9 prior to inspection on 12/26/12 by Legacy Homes due to the lot being sodded. .				
SF 1	Silt Fence	N00d00m00s W00d00m00s		Removed	
<b>Current Condition:</b>	Silt fence was removed prior to inspection on 4/5/10 by Boyer Young as it is no longer needed.				
SF 2	Silt Fence	N00d00m00s W00d00m00s		Removed	
<b>Current Condition:</b>	Removed due to good vegetation, but will need to be reinstalled once home construction starts up in this area.				
SF 3	Silt Fence	N00d00m00s W00d00m00s	In Place	Active	Yes
<b>Current Condition:</b>	<p><b>Fair Condition</b></p> <p>Silt fence on lot 197 is down/damaged and needs to be repaired or it can be removed.</p> <p>Boyer Young was informed to complete maintenance by 4/9/13. Maintenance not completed as of last inspection. Boyer Young was reminded on 9/16/13, 10/7/13, 10/17/13, 12/4/13, 2/12/14, 4/30/14.</p>				
SF 4	Silt Fence	N00d00m00s W00d00m00s		Removed	
<b>Current Condition:</b>	Removed due to good vegetation.				
SF 5	Silt Fence	N00d00m00s W00d00m00s	In Place	Active	Yes
<b>Current Condition:</b>	<p><b>Fair Condition</b></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 6	Silt Fence	N00d00m00s W00d00m00s		Removed	
<b>Current Condition:</b>	Removed due to development.				
SF 7	Silt Fence	N00d00m00s W00d00m00s		Removed	
<b>Current Condition:</b>	Removed due to development.				
SF 8	Silt Fence	40' South of SF 5	In Place	Active	Yes
<b>Current Condition:</b>	<p><b>Fair Condition</b></p> <p>-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
<b>Current Condition:</b>	<p><b>Fair Condition.</b> The Home Company cleaned runoff in front of lot 60 and 61 prior to inspection on 8/23/14.</p> <p>There is runoff in the cul-de-sac of Iron Horse Dr. as of inspection on 8/28/14.</p> <p>Mick Smith was requested to clean runoff by 8/29/14. Not done as of last inspection.</p>				
SWPPP Sign	SWPPP Sign	Three signs of site	8/8/2008	Active	No
<b>Current Condition:</b>	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: 