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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:	6/14/2014	
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:	2.78"				
Monday	0.10"	05/12/14	58/46 Light Rain		
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.32"				
Friday	0.00"				
Saturday	0.00"				
					Week 3
Sunday:	0.00"				
Monday	0.05"				
Tuesday	0.00"				
Wednesday	0.01"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 4
Sunday:	1.07"				
Monday	0.00"	06/02/14	81/60 Sunny		
Tuesday	2.15"				
Wednesday	0.09"	06/04/14	78/61 Overcast		
Thursday	0.00"				
Friday	0.00"				
Saturday	0.02"				
					Week 5
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
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.

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	Filter Sock	Lot 7	4/14/2014	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition</p> <p>Filter socks along the back of the lot were full of sediment as of inspection 6/4/14.</p> <p>Prairie Homes was requested to clean the filter socks on 6/11/14.</p>				
Lot 62	Individual Lot	Lot 62	4/28/2014	Active	Yes
<b>Current Condition:</b>	<p>Active-</p> <p>1) There is some silt runoff in front of lot 60 and 61 as of inspection on 4/28/14.</p> <p>2) The silt runoff needs cleaned from the turf grass on lot 63 as of inspection on 6/4/14.</p> <p>3) Silt fence is full in the low area of the lot as of inspection on 5/12/14.</p> <p>1) The Home Company was requested to clean the runoff by 4/29/14. Not done as of last inspection. The Home Company was reminded on 5/14/14 and 6/5/14.</p> <p>2) The Home Company was requested to clean silt from the turf grass by 5/5/14. Not done as of last inspection. The Home Company was reminded on 5/14/14 and 6/5/14.</p> <p>3) The Home Company was requested to clean out the silt fence by 5/19/14. Not done as of last inspection. The Home Company was reminded on 6/5/14.</p>				
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	10/11/2013	Active	Yes
<b>Current Condition:</b>	<p>Active-The lower silt fence was repaired and runoff on the golf course path was cleaned up by Nathan Homes prior to inspection on 4/28/14.</p> <p>1) The upper silt fence checks are down and need stakes added as of inspection on 12/20/13.</p> <p>2) There is runoff from the North end of the retaining wall as of inspection on 4/14/14.</p> <p>1) Nathan Homes was requested to repair or remove the silt fence checks as soon as conditions allow on 12/20/13. Not done as of last inspection. Nathan Homes was reminded on 3/19/14, 4/14/14, 4/28/14, 6/2/14.</p> <p>2) Nathan Homes was requested to install a temporary BMP by 4/21/14. Not done as of last inspection. Nathan Homes was reminded on 4/28/14, 6/2/14.</p>				
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-Silt fence was installed on the front and East side of the lot by American National Bank on 4/17/14.</p> <p>1) The new silt fence is down and damaged as of inspection on 4/28/14.</p> <p>2) There is mud runoff from lot 139 in the Iron Horse Dr. cul-de-sac as of inspection on 4/28/14.</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.</p> <p>2) Kevin with American National Bank was requested to clean up runoff by 4/29/14. Not done as of last inspection. Kevin was reminded on 5/14/14, 6/4/14.</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	1/15/2014	Active	No
<b>Current Condition:</b>	<p>Active</p> <p>-The stockpile was removed from the ROW by Prairie Homes prior to inspection on 2/11/14.</p>				
Lot 188	Silt Fence	Lot 188	11/6/2013	Active	Yes

<b>Current Condition:</b>	<p>Fair Condition-Silt fence was installed North of the retaining wall and straw wattles were installed above the retaining wall by The Home Company prior to inspection on 4/28/14.</p> <p>1) The silt fence needs repaired South of the retaining wall as of inspection on 4/14/14.  2) Silt fence needs extended to the retaining wall on the North side as of inspection on 5/12/14.  3) There is some runoff in the golf course fine turf as of inspection on 5/12/14.</p> <p>1) Gabe with The Home Company was requested to repair the silt fence by 4/21/14. Not done as of last inspection. Gabe was reminded on 4/30/14, 5/14/14, 6/5/14.  2) Gabe with The Home Company was requested to extend the silt fence by 5/19/14. Not done as of last inspection. Gabe was reminded on 6/5/14.  3) 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.</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>Fair Condition</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>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 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>Fair Condition</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>	Poor Condition  1) Runoff was identified on the Oxbow Trail spur as of the inspection on 6/4/14. 2) There is some silt runoff in front of lot 60 and 61 as of inspection on 4/28/14. 3) There is mud runoff from lot 139 in the Iron Horse Dr. cul-de-sac as of inspection on 4/28/14.  1) This maintenance is the responsibility of the Iron Horse Golf Course. 2) The Home Company was requested to clean the runoff by 4/29/14. Not done as of last inspection. The Home Company was reminded on 5/14/14 and 6/5/14. 3) Kevin with American National Bank was requested to clean up runoff by 4/29/14. Not done as of last inspection. Kevin was reminded on 5/14/14, 6/4/14.				
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: 