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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>2/14/2015</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:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"	01/15/15	42/23 Sunny		
Friday	0.00"				
Saturday	0.00"				
					<b>Week 2</b>
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					<b>Week 3</b>
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.59"				
					<b>Week 4</b>
Sunday:	0.25"				
Monday	0.00"				
Tuesday	0.01"				
Wednesday	0.04"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					<b>Week 5</b>
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.

**Summary Questions:**


Are approved entrances and adjacent streets being maintained adequately?

Yes

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					
<b>Checklist Questions:</b>					
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					
<b>Comments:</b>					
<b>Comments:</b> Home construction is active on a few lots. Due to inclement weather and snow covered conditions from the 1/31-2/1 storm event, no post precipitation inspections were conducted.					
<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>	Fair Condition-PHI sodded the lot prior to inspection on 9/10/14.  Runoff was observed on the golf course fine turf as of inspection on 8/29/14.  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. Due to frozen conditions, PHI was requested to complete the maintenance ASAP on 12/18/14.				
Lot 33	Straw Wattles	Lot 33	1/15/2015	Active	No
<b>Current Condition:</b>	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
<b>Current Condition:</b>	Fair Condition-Silverstone Building Co. removed the stockpile from the ROW prior to inspection on 12/16/14.  SF needs to be repaired in the middle of the run as of inspection on 10/15/14.  Silverstone Building Co. was requested to repair the SF by 10/22/14. Not done as of last inspection. Due to frozen conditions, Silverstone was requested to complete the maintenance ASAP on 12/18/14.				
Lot 61	Individual Lot	Lot 61	10/24/2014	Pending	Yes
<b>Current Condition:</b>	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. Due to frozen conditions, THC was requested to complete the maintenance ASAP on 12/18/14. THC was reminded on 1/15/15. Not done as of last inspection.				
Lot 138	Silt Fence	Lot 138	5/4/2010	Active	Yes
<b>Current Condition:</b>	Fair Condition  Silt fence is down/damaged and needs to be repaired or it can be removed.  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.				
Lot 139	Silt Fence	Lot 139	6/6/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition  1) The new silt fence is down and damaged, not entrenched, and undercut in a few areas as of inspection on 6/23/14. 2) Concrete residue was observed near unprotected inlet as of inspection on 9/13/14.  1) Kevin with American National Bank was requested to repair the silt fence by 5/5/14. 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. Mick Smith was reminded on 10/3/14. Due to frozen conditions, Mick Smith was requested to complete the maintenance ASAP on 12/18/14. Not done as of last inspection. 2) Mick Smith Construction was requested to clean up residue by 9/20/14. Mick Smith was reminded on 10/3/14. Due to frozen conditions, Mick Smith was requested to complete the maintenance ASAP on 12/18/14. Not done as of last inspection.				
Lot 147	Silt Fence	Lot 147	7/30/2014	Active	Yes
<b>Current Condition:</b>	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.  Silt fence is full in the back of the lot as of inspection on 9/13/14.  PHI was requested to clean out SF by 9/20/14. Not done as of last inspection. PHI was reminded on 10/3/14. PHI was reminded on 12/18/14.				
Lot 153	Individual Lot	Lot 153	10/24/2014	Active	Yes

<b>Current Condition:</b>	<p>Fair Condition-THC removed the stockpile from the ROW prior to inspection on 12/16/14.</p> <p>There is active construction on the lot and no BMP in place as of inspection on 10/24/14.</p> <p>The Home Company was requested to install SF on the back of the lot and on the northeast corner by 10/31/14. Due to frozen conditions, THC was requested to complete the maintenance as soon as conditions allow on 12/18/14. THC was reminded on 1/15/15. Not done as of last inspection.</p>				
Lot 188	Silt Fence	Lot 188	11/6/2013	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-Runoff is no longer observed in the golf course fine turf as of inspection on 12/16/14.</p> <p>There are disturbed areas on lots 187 and 189 as of inspection on 8/25/14.</p> <p>Gabe with The Home Company was requested to seed the disturbed areas and remove the silt fence by 9/8/14. THC was reminded on 10/24/14. Due to frozen conditions, THC was requested to complete the maintenance ASAP on 12/18/14. THC was reminded again on 1/15/15. Not done as of last inspection.</p>				
PDP A	Permanent Detention Pond	N00d00m00s W00d00m00s	In Place	Active	No
<b>Current Condition:</b>	Good Condition				
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 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 8	Silt Fence	40' South of SF 5	In Place	Active	Yes
<b>Current Condition:</b>	<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
<b>Current Condition:</b>	<p>Fair Condition</p> <p>The curb line along lot 153 needs to be cleaned as of inspection on 1/15/15.</p> <p>The Home Company was requested to clean the curb line by 1/16/15.</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: 