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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:	2/8/2014	
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			
					Week 1
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"	01/15/14			
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 3
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.02"				
Saturday	0.01"				
					Week 4
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.06"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 5
Sunday:	N/A	N/A			
Monday	N/A	N/A			
Tuesday	N/A	N/A			
Wednesday	N/A	N/A			
Thursday	N/A	N/A			
Friday	N/A	N/A			
Saturday	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.

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. 2) A call was received by Mark Westergard informing him of a NDEQ compliance inspection on 11/7/13 in which an E&A inspector was unavailable to attend. NDEQ will forward E&A Consulting Group the report.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
Lot 62	Silt Fence	Lot 62	11/13/2013	Pending	Yes
Current Condition:	Pending 1) There is active construction on the lot and no BMP in place as of inspection on 11/6/13. 2) There is some trackoff in the cul-de-sac from the framing contractor's lift as of inspection on 1/15/14. 1) The Home Company was requested to install silt fence on the north side of the lot to protect the sodded lot and along the street to contain runoff by 11/13/13. Not done as of last inspection. Dave with The Home Company was reminded on 12/4/13. 2) The framing contractor was requested to clean up the trackoff by 1/16/14.				
Lot 109	Silt Fence	Lot 109		Removed	
Current Condition:	Removed-Lot was sodded prior to inspection on 5/28/13 by Chris Stephanmire.				
Lot 110	Misc/Other	Lot 110		Removed	
Current Condition:	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
Current Condition:	Active -Silt fence was installed along the cart path in the back of the lot and three silt fence checks were installed on the slope by Nathan Homes prior to inspection on 12/20/13. 1) The silt fence checks are down and need stakes added as of inspection on 12/20/13. 2) The portable toilet, located across the street, is not staked down as of inspection on 1/15/14. 1) Due to frozen conditions, Nathan Homes was requested to repair the silt fence checks as soon as conditions allow on 12/20/13. Conditions do not allow as of inspection on 1/15/14. 2) Nathan Homes was requested to stake down the toilet by 1/22/14.				
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. 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.				
Lot 139	Silt Fence	Lot 139	6/6/2013	Active	Yes
Current Condition:	Fair Condition -Chad with Muhle installed silt fence in the southeast corner prior to inspection on 10/4/13. 1) The silt fence is down and damaged as of inspection on 10/4/13. The silt fence near the corner of the lot is full and topping as of inspection on 11/6/13. 2) There is mud runoff from lot 139 in the Iron Horse Dr. cul-de-sac as of inspection on 9/12/13. 3) The silt fence needs to be extended along the east side of the lot as of inspection on 10/4/13. 1) Chad with MUHLE was requested to repair the silt fence by 10/11/13. Not done as of last inspection. Chad with Muhle was reminded to repair the silt fence and clean out the silt fence ASAP on 11/7/13, 12/4/13. 2) Chad with Muhle was requested to clean up the runoff by 9/13/13. Not done as of last inspection. Chad with Muhle was sent a reminder email on 10/7/13, 11/7/13, 12/4/13 requesting to complete this maintenance ASAP. 3) Chad with Muhle was requested to extend the silt fence by 10/11/13. Not done as of last inspection. Chad with Muhle was sent a reminder email on 11/7/13, 12/4/13 requesting to extend the silt fence ASAP.				
Lot 155	Silt Fence	Lot 155	7/23/2013	Active	Yes
Current Condition:	Fair Condition Silt fence is down in multiple areas including the front, the side, and the Southeast corner as of inspection on 11/6/13. The home is now occupied by homeowner as of inspection 12/20/13. Randy Busse with Legacy Homes was requested to repair or replace the silt fence by 11/13/13. Not done as of last inspection. Randy with Legacy Homes was reminded on 12/4/13. Due to frozen conditions, Legacy Homes was requested to remove the silt fence and stabilize the lot as soon as conditions allow. Conditions do not allow as of inspection on 1/15/14.				
Lot 172	Misc/Other	Lot 172	1/15/2014	Active	Yes
Current Condition:	Active-Prairie Homes, Inc. -There is active construction on the lot but no BMP is required due to the lot being flat as of inspection on 1/15/14. There is a stockpile in the ROW as of inspection on 1/15/14. Prairie Homes was requested to remove the stockpile from the ROW by 1/22/14.				
Lot 188	Silt Fence	Lot 188	11/6/2013	Active	Yes

Current Condition:	<p>Fair Condition</p> <p>The stockpile was removed from the ROW by The Home Company prior to inspection on 12/3/13.</p> <p>1) The silt fence needs to be extended to the north property line as of inspection on 11/6/13.</p> <p>2) The middle of the silt fence run is full as of inspection on 11/6/13.</p> <p>3) The portable toilet is not staked down as of inspection on 1/15/14.</p> <p>1) The Home Company was requested to extend the silt fence by 11/13/13. Not done as of last inspection. The Home Company was reminded on 12/4/13. Due to frozen conditions on 1/15/14, The Home Company was requested to complete this maintenance once conditions allow.</p> <p>2) The Home Company was requested to clean out the silt fence by 11/13/13. Not done as of last inspection. The Home Company was reminded on 12/4/13. Due to frozen conditions on 1/15/14, The Home Company was requested to complete this maintenance once conditions allow.</p> <p>3) The Home Company was requested to stake down the toilet by 1/22/14.</p>				
Lot 198	Silt Fence	Lot 198		Removed	
Current Condition:	Removed- Lots 197 and 199 were stabilized by Brester Construction prior to inspection on 9/12/13.				
Lot 203	Silt Fence	Lot 203		Removed	
Current Condition:	Removed-Lot was sodded prior to inspection on 7/23/13 by Bob McGill.				
Lot 207	Silt Fence	Lot 207		Removed	
Current Condition:	Lot was sodded prior to inspection on 12/26/12 by Woita Homes.				
Lot 208	Silt Fence	Lot 208		Removed	
Current Condition:	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	
Current Condition:	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
Current Condition:	Good Condition				
POD A	Silt Fence	Lots 4-12		Removed	
Current Condition:	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	
Current Condition:	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	
Current Condition:	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
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>Boyer Young was informed to complete maintenance by 4/9/13. Maintenance not completed as of last inspection. Boyer Young was sent a maintenance plan on 9/16/13, 10/7/13, 10/17/13, 12/4/13 requesting to complete this ASAP.</p>				
SF 4	Silt Fence	N00d00m00s W00d00m00s		Removed	
Current Condition:	Removed due to good vegetation.				
SF 5	Silt Fence	N00d00m00s W00d00m00s	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. On 3/13/09 Boyer Young was reminded that maintenance needs to be completed ASAP. On 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 Boyer Young was sent a maintenance plan and reminded that maintenance needs to be completed ASAP. Maintenance not completed as of last inspection.</p>				
SF 6	Silt Fence	N00d00m00s W00d00m00s		Removed	
Current Condition:	Removed due to development.				
SF 7	Silt Fence	N00d00m00s W00d00m00s		Removed	
Current Condition:	Removed due to development.				
SF 8	Silt Fence	40' South of SF 5	In Place	Active	Yes
Current Condition:	<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>Due to frozen conditions on 1/15/14, Boyer Young will be requested to repair the silt fence as soon as conditions allow.</p>				
STR	Streets	N00d00m00s W00d00m00s	In Place	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>There is some runoff coming from lot 139 as of inspection on 08/16/2013.</p> <p>Chad with MUHLE was requested to clean this up by 08/17/2013. Not done as of last inspection. Chad with Muhle was sent a reminder email on 9/13/13, 10/7/13, 11/7/13, 12/4/13 requesting to complete this maintenance ASAP.</p>				

SWPPP Sign	SWPPP Sign	Three signs of 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: 