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Engineering Answers

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

Zachary A. Jilek, CPESC, CISEC
 Erosion Control Specialist- Manager

E&A- P2005.030.000

Inspector: Sam Fletcher		Stage 3
Project Name:	The Heritage NER110495	
For Week Ending:	1/10/2015	
Project Location:	East of 156th Street and North and South of Rainwood Road- Bennington, NE (Douglas County)	68007

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	100%			
Utilities:	100%			
Overall Development:	40%			

RAIN FALL AMOUNTS	Amount in inches	Date inspected			
					Week 1
Sunday:	0.13"				
Monday	0.57"				
Tuesday	0.00"				
Wednesday	0.00"	12/17/14	35/25 cloudy		
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.00"				
Monday	0.47"				
Tuesday	0.15"				
Wednesday	0.05"	12/24/14	35/27 rain		
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	0.00"				
Saturday	0.00"				
					Week 4
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 5
Sunday:	N/A				
Monday	N/A				
Tuesday	N/A				
Wednesday	N/A				
Thursday	N/A				
Friday	N/A				
Saturday	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 7/2006 and site seeded 9/5/06.					
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 7/2006 and site seeded 9/5/06.					
What temporary or permanent stabilization measures listed in this section are being implemented?					
Wetlands Mitigation Seeding (5/31/06), Slopes Seeded/Matted (8/30/06), Temp. Seeded (9/5/06), Re-Seeded 5/21/07, Re-Seeded ROW on 9/5/07 & 11/14/07, Erosion seeded in various areas (4/09), Old Basin 5 was seeded and matted (5/2/12)					

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					

Comments:					
Comments: A few houses are being built in the development.					

Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date): 1) See BMP section for required maintenance.					

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	N41d00m00s W96d00m00s		Removed	
Current Condition:	Entrance has been paved.				
CE 2	Construction Entrance	N41d00m00s W96d00m00s		Removed	
Current Condition:	Entrance has been paved.				
CW 1	Concrete Washout	Lot 20	6/14/2010	Active	yes
Current Condition:	Poor condition The concrete washout needs to be cleaned out. Nick with Boyer Young was informed to complete by 10/3/14. Not done as of last inspection.				
CW 2	Concrete Washout	Lot 162	6/14/2010	Active	yes
Current Condition:	Poor condition The concrete washout needs to be cleaned out. Nick with Boyer Young was informed to complete by 10/3/14. Not done as of last inspection.				
Lot 1	Silt Fence	Lot 1		Removed	
Current Condition:	Removed - changed to lot 128 replat.				
Lot 3	Silt Fence	Lot 3		Removed	
Current Condition:	Silt fence was removed prior to inspection on 2/4/13 by Charles Thomas Homes.				

Lot 4	Silt Fence	Lot 4		Removed	
Current Condition:	Removed- Charles Thomas Homes sodded the lot prior to the 7/8/13 inspection.				
Lot 14	Silt Fence	Lot 14		Removed	
Current Condition:	Removed- Kainesville Homes sodded the lot prior to the 8/7/13 inspection.				
Lot 16	Silt Fence	Lot 16		Removed	
Current Condition:	Silt fence was removed prior to inspection on 2/4/13 by builder.				
Lot 32	Silt Fence	Lot 32		Removed	
Current Condition:	Removed- Kainesville Homes sodded the lot prior to the 8/7/13 inspection.				
Lot 34	Silt Fence	Lot 34		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 10/2/14 inspection.				
Lot 35	Silt Fence	Lot 35	9/4/2014	Pending	yes
Current Condition:	Pending- Silt fence needs to be installed on the back of the lot. Legacy Homes was informed to complete by 10/3/14. Not done as of last inspection.				
Lot 50	Individual Lot	Lot 50		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 11/21/14 inspection.				
Lot 51	Individual Lot	Lot 51	12/24/2014	Active	Yes
Current Condition:	Active - The lot is flat so BMPs are not needed as of the last inspection. The dirt pile in the ROW needs to be removed. The builder is unknown as of 12/24/14. The inspector will update when known.				
Lot 53	Misc/Other	Lot 53		Removed	
Current Condition:	Removed- Charleston Homes sodded the lot prior to the 1/3/13 inspection.				
Lot 56	Silt Fence	Lot 56		Removed	
Current Condition:	Removed- The Home Company removed the silt fence to pour the side walk and it does not need to be reinstalled due to the lot being flat.				
Lot 59	Silt Fence	Lot 59		Removed	
Current Condition:	Removed- Home Enterprises sodded the lot prior to the 11/7/13 inspection.				
Lot 69	Silt Fence	Lot 69		Removed	
Current Condition:	Removed - Pacesetter Homes removed the silt fence to grade the lot for sod prior to the 9/26/14 inspection. Silt fence is no longer needed due to the lot being graded flat.				
Lot 71	Silt Fence	Lot 71		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the 11/21/14 inspection.				
Lot 73	Silt Fence	Lot 73		Removed	
Current Condition:	removed - This BMP is a duplicate of lot 75 and is removed from the report as of the 9/26/14 inspection.				

Lot 75	Silt Fence	Lot 75		Removed	
Current Condition:	Removed - Melvin Sudbeck Homes sodded the lot prior to the 12/17/14 inspection.				
Lot 115	Silt Fence	Lot 115		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 10/24/14 inspection.				
Lot 116	Silt Fence	Lot 116		Removed	
Current Condition:	Removed- The lot was sodded by Charles Thomas Homes prior to the 8/7/13 inspection.				
Lot 118	Misc/Other	Lot 118		Removed	
Lot 120	Silt Fence	Lot 120	10/24/2014	Active	yes
Current Condition:	Fair condition The silt fence on the front of the lot needs to be repaired. Sherwood homes was informed to complete by 11/28/14 inspection. Not done as of last inspection.				
Lot 125	Silt Fence	Lot 125	8/4/2014	Active	yes
Current Condition:	Fair condition The silt fence on the back of the lot needs to be repaired. Regency Homes was informed to complete by 10/3/14. Not done as of last inspection.				
Lot 126	Silt Fence	Lot 126	12/17/2014	Active	yes
Current Condition:	Fair condition - Regency Homes installed silt fence on the back of the lot prior to the 12/17/14 inspection. The silt fence needs to be repaired. Regency Homes was informed to complete by 12/24/14. Not done as of last inspection.				
Current Condition:	Removed- The lot was sodded by Charles Thomas Homes prior to the 7/8/13 inspection.				
Lot 128	Silt Fence	Lot 128	7/5/2014	Active	No
Current Condition:	Good condition - Regency Homes cleaned out the silt fence prior to the 11/21/14 inspection.				
Lot 1 Replat 2	Silt Fence	Lot 1 Replat 2		Removed	
Current Condition:	Removed - The lot was sodded prior to the 11/21/14 inspection.				
Lot 136	Silt Fence	Lot 136	8/4/2014	Active	yes
Current Condition:	Fair condition - Sherwood Homes sodded the lot prior to the 12/17/14 inspection. The silt fence was partially removed. The rest of the silt fence is damaged and needs to be removed. Sherwood Homes was informed to complete by 11/28/14. Not done as of last inspection.				
Lot 137	Individual Lot	Lot 137	11/21/2014	Active	No
Current Condition:	Active - Construction is active on the lot and a BMP is not needed due to the lot being flat. Legacy is the builder.				
Lot 140	Individual Lot	Lot 140	10/24/2014	Active	No

Current Condition:	Active - Construction is active on the lot and a BMP is not needed due to the lot being flat. The builder is unknown.				
Lot 148	Individual Lot	Lot 148	10/24/2014	Active	No
Current Condition:	Active - The Home Company is building on the lot. No BMP is needed due to the lot being flat.				
Lot 152	Individual Lot	Lot 152	10/31/2014	Pending	yes
Current Condition:	<p>Pending</p> <p>Silt fence needs to be installed on the front of the lot.</p> <p>The builder is unknown as of last inspection. The inspector will update when known.</p>				
Lot 153	Individual Lot	Lot 153		Removed	
Current Condition:	Removed - The lot was sodded prior to the 12/17/14 inspection.				
Lot 162	Individual Lot	Lot 162	10/24/2014	Active	No
Current Condition:	Active - Legacy Homes is building on the lot. No BMP is needed due to the lot being flat.				
Lot 164	Individual Lot	Lot 164	11/28/2014	Pending	yes
Current Condition:	<p>Pending</p> <p>Silt fence needs to be installed on the front of the lot.</p> <p>The Home Company was informed to complete by 11/28/14. Not done as of last inspection.</p>				
Lot 165	Silt Fence	Lot 165	11/28/2014	Pending	yes
Current Condition:	<p>Pending</p> <p>Silt fence on the front of the lot was removed and needs to be installed on the front of the lot.</p> <p>The Home Company was informed to complete by 11/28/14. Not done as of last inspection.</p>				
Lot 168	Silt Fence	Lot 168		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 6/2/14 inspection.				
Lot 170	Individual Lot	Lot 170		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the 12/17/14 inspection.				
Lot 181	Individual Lot	Lot 181	12/17/2014	Pending	No
Current Condition:	<p>Pending</p> <p>Silt fence needs to be installed along the street.</p> <p>The builder is unknown as of last inspection. The inspector will update when known.</p>				
Lot 194	Silt Fence	Lot 194		Removed	

Current Condition:	Removed- The lot was sodded by Charles Thomas Homes prior to the 8/7/13 inspection.				
Lot 195	Silt Fence	Lot 195		Removed	
Current Condition:	Removed - The silt fence was removed prior to the 6/4/14 inspection.				
SB 1	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed per Grading Modification				
SB 2	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed per Grading Modification				
SB 3	Sediment Basin	N41d00m00s W96d00m00s	11/14/2005	Active	No
Current Condition:	Good Condition- 20% Filled Cleanout 9/24/07 by Dave Hausman				
SB 4	Sediment Basin	N41d00m00s W96d00m00s	11/14/2005	Active	No
Current Condition:	Good Condition- 35% Filled				
SB 5	Sediment Basin	N41d00m00s W96d00m00s	11/2/2005	Active	No
Current Condition:	Good Condition-26% Filled Outlet Pipe recompacted by Sudbeck due to undermining- 4/2006				
SB 6	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	Sediment Basin 6 has been removed prior to inspection on 5/2/12 by Ed Jochim. Area was also seeded and matted.				
SF 1	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed by Nick Wenninghoff prior to inspection on 10/15/09 due to dense vegetation.				
SF 2	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed- Part of Silt fence #2 has been removed from the Heritage SWPPP due to New SWPPP for Bennington Elementary School project. Silt fence has been removed by Mike Woodward prior to inspection on 4/26/11.				
SF 3	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed Silt fence has been removed by Mike Woodward prior to inspection on 4/26/11.				
SF 4	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed due to permanent vegetation				
SF 5	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed Silt fence has been removed by Mike Woodward prior to inspection on 4/26/11.				
SF 6	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed Silt fence has been removed by Mike Woodward prior to inspection on 4/26/11.				
STR	Street Cleaning	N41d00m00s W96d00m00s	2/26/2007	Active	No
Current Condition:	Good condition- No Major signs of track off.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 156th and Cleveland Blvd				
Inspector Signature:			Reviewed By: 		