

E&A Consulting Group, Inc.
 10909 Mill Valley Road, Suite 100
 Omaha, NE 68154
 tel 402.895.4700
 fax 402.895.3599
 www.eacg.com



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Engineering Answers

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:	8/13/2016	
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	Weather Conditions	
				Week 1
Sunday:	0.00"			
Monday	1.65"			
Tuesday	0.01"	07/12/16	84/64 sunny	
Wednesday	0.17"			
Thursday	0.00"			
Friday	0.04"			
Saturday	0.00"			
				Week 2
Sunday:	0.01"			
Monday	0.73"	07/18/16	83/68 cloudy	
Tuesday	0.32"			
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	0.00"			
Saturday	0.00"			
				Week 4
Sunday:	0.03"			
Monday	0.00"			
Tuesday	0.26"			
Wednesday	0.00"			
Thursday	0.03"			
Friday	0.00"			
Saturday	0.00"			
				Week 5
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.07"			
Thursday	0.22"			
Friday	0.08"			
Saturday	0.04"			

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)					
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					
CHECKLIST QUESTIONS:					
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					
Comments:					
Comments: Multiple houses are being built in the development.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date): 1) See BMP section for required maintenance. 2) The old inlet filter in front of lot 2 needs to be cleaned up. Regency Homes was informed to complete by 8/26/15. Not done as of last inspection. Regency Homes was reminded on 2/23/16, 3/30/16, 5/5/16, 5/25/16, 7/8/16. 3) Lots 149 and lot 147 needs to be stabilized due to construction on lot 148. The Home Company was informed to complete by 3/8/16. Not done as of last inspection. The Home Company was reminded on 3/30/16, 5/5/16, 7/8/16. 4) Concrete debris on lot 159 needs to be cleaned up. The inspector is attempting to determine who is responsible for the debris as of the 3/29/16 inspection. The inspector will update. 5) Lot 142 needs to be stabilized due to construction on lot 141. G. Lee Homes was informed to complete by 7/18/16. Not done as of last inspection. 6) Lot 146 needs to be stabilized due to construction on lot 145. Sherwood Homes was informed to complete by 7/18/16. Not done as of last inspection.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CW 1	Concrete Washout	Lot 20		Removed	
Current Condition:	Removed - Boyer Young cleaned out and removed the concrete washout prior to the 9/26/15 inspection.				
CW 2	Concrete Washout	Lot 162		Removed	
Current Condition:	Removed - Boyer Young cleaned out and removed the concrete washout prior to the 9/26/15 inspection.				
Lot 2	Silt Fence	Lot 2		Removed	
Current Condition:	Removed - Regency Homes seeded the lot prior to the 7/16/15 inspection.				
Lot 7 Replat 2	Silt Fence	Lot 7 Replat 2		Removed	
Current Condition:	Removed - John Shelburne sodded the lot prior to the 6/23/16 inspection.				
Lot 39	Individual Lot	Lot 39	6/23/2016	Active	Yes
Current Condition:	Active - The Home Company is building on the lot as of the 6/23/16 inspection. The lot is flat so no bmp is needed. The inspector will monitor.				
Lot 51	Individual Lot	Lot 51		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 4/21/16 inspection.				
Lot 67	Silt Fence	Lot 67		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 7/4/16 inspection.				

Lot 113	Individual Lot	Lot 113		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 7/4/16 inspection.				
Lot 114	Silt Fence	Lot 114	10/24/2015	Active	No
Current Condition:	Good Condition - Sherwood Homes installed silt fence on lot 114 to protect adjacent lots prior to the 3/29/16 inspection.				
Lot 122	Wattle	Lot 122	11/19/2015	Active	No
Current Condition:	Good Condition - Regency Homes installed gator guards on the back of the lot to protect the sod on lot 123 prior to the 11/19/15 inspection.				
Lot 124	Silt Fence	Lot 124	3/29/2016	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>The silt fence on the back of the lot needs to be cleaned out.</p> <p>Regency Homes was informed to complete by 5/31/16. Not done as of last inspection. Regency Homes was reminded on 7/8/16.</p>				
Lot 126	Silt Fence	Lot 126	12/17/2014	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>The silt fence on the back of the lot needs to be cleaned out.</p> <p>Regency Homes was informed to complete by 8/26/15. Not done as of last inspection. Regency Homes was reminded on 9/1/15, 9/28/15, 2/23/16, 3/30/16, 5/5/16, 5/25/16, 7/8/16.</p>				
Lot 127	Silt Fence	Lot 127		Removed	
Current Condition:	Removed - Regency Homes sodded the lot prior to the 12/16/15 inspection.				
Lot 128	Silt Fence	Lot 128		Removed	
Current Condition:	Removed - Regency Homes sodded the lot prior to the 7/16/15 inspection.				
Lot 129	Silt Fence	Lot 129		Removed	
Current Condition:	Removed - Regency Homes sodded the lot prior to the 11/13/15 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 135	Silt Fence	Lot 135		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 11/13/15 inspection.				
Lot 136	Silt Fence	Lot 136		Removed	
Current Condition:	Remove - Sherwood Homes sodded the lot prior to the 12/17/14 inspection. The remaining silt fence will be removed as part of construction on lot 135 as of the 4/21/15 inspection.				
Lot 137	Silt Fence	Lot 137		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 5/6/15 inspection.				
Lot 138	Silt Fence	Lot 138	6/30/2016	Pending	Yes
Current Condition:	<p>Pending</p> <p>Silt fence needs to be installed on the side and front of the lot.</p> <p>Legacy Homes was informed to complete by 6/30/16. Not done as of last inspection. Legacy Homes was reminded on 7/8/16.</p>				
Lot 139	Silt Fence	Lot 139		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 8/19/15 inspection.				
Lot 140	Silt Fence	Lot 140		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 6/12/15 inspection.				
Lot 141	Silt Fence	Lot 141	11/13/2015	Active	Yes

Current Condition:	Fair Condition - Sherwood Homes cleaned out the silt fence prior to the 5/24/16 inspection. The silt fence on the side of the lot needs to be cleaned out and repaired. Sherwood Homes was informed to complete by 5/31/16. Not done as of last inspection. Sherwood Homes was reminded on 7/8/16.				
Lot 143	Silt Fence	Lot 143		Removed	
Current Condition:	Removed - G Lee Homes sodded the lot prior to the 6/23/16 inspection.				
Lot 145	Silt Fence	Lot 145		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 6/23/16 inspection.				
Lot 144	Silt Fence	Lot 144		Removed	
Current Condition:	Removed - Dynasty Homes sodded the lot prior to the 7/16/15 inspection.				
Lot 146	Silt Fence	Lot 146	7/18/2016	Active	No
Current Condition:	Good Condition - Charleston Homes installed silt fence on the side and front of the lot prior to the 7/18/16 inspection.				
Lot 147	Individual Lot	Lot 147		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 12/16/15 inspection.				
Lot 148	Silt Fence	Lot 148		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 7/16/15 inspection.				
Lot 151	Silt Fence	Lot 151		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 8/19/15 inspection.				
Lot 152	Silt Fence	Lot 152		Removed	
Current Condition:	Removed - Premier Homes sodded the lot prior to the 6/12/15 inspection.				
Lot 153	Individual Lot	Lot 153		Removed	
Current Condition:	Removed - The lot was sodded prior to the 12/17/14 inspection.				
Lot 154	Wattle	Lot 154		Removed	
Current Condition:	Removed - Regency Homes sodded the lot prior to the 7/16/15 inspection.				
Lot 155	Silt Fence	Lot 155		Removed	
Current Condition:	Removed - Home Enterprise sodded the lot prior to the 11/13/15 inspection.				
Lot 162	Individual Lot	Lot 162		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 12/16/15 inspection. Legacy Homes Removed the portable toilet and debris prior to the 2/23/16 inspection.				
Lot 164	Individual Lot	Lot 164		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 9/26/15 inspection.				
Lot 165	Silt Fence	Lot 165		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 7/16/15 inspection.				
Lot 166	Silt Fence	Lot 166		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 7/4/16 inspection.				
Lot 167	Silt Fence	Lot 167		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 4/21/16 inspection.				
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		Removed	
Current Condition:	Removed - Dreamscape sodded the lot prior to the 7/16/15 inspection.				
Lot 182	Silt Fence	Lot 182		Removed	
Current Condition:	Removed - Changed to Lot 7 replat 2.				
Lot 183	Silt Fence	Lot 183		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 4/29/16 inspection.				
Lot 184	Silt Fence	Lot 184		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 11/13/15 inspection.				
Lot 195	Silt Fence	Lot 195		Removed	
Current Condition:	Removed - The silt fence was removed prior to the 6/4/14 inspection.				
SB 3	Sediment Basin	South of Wild Indigo St and Prairie Star St.	11/14/2005	Active	No

Current Condition:	Good Condition- 20% Filled Cleanout 9/24/07 by Dave Hausman				
SB 4	Sediment Basin	South of 149th Dead End	11/14/2005	Active	No
Current Condition:	Good Condition- 35% Filled - Roth Enterprise cleaned off the risers prior to the 7/7/16 inspection.				
SB 5	Sediment Basin	Southwest corner of Rosewater Pkwy and North H.W.S Cleveland Blvd	11/2/2005	Active	No
Current Condition:	Good Condition-26% Filled Outlet Pipe recompacted by Sudbeck due to undermining- 4/2006				
STR	Street Cleaning	Entire Site	2/26/2007	Active	No
Current Condition:	Good Condition - No major track out. The Home Company cleaned the street in front of lot 149 prior to the 6/23/16 inspection.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 156th and Cleveland Blvd				
Inspector Signature:			Reviewed By: 