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Engineering Answers

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

E&A- P2005.030.000

Inspector: Nick Jenkins		Stage 3
Project Name:	The Heritage NER110495	
For Week Ending:	3/11/2017	
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	0.00"			
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	0.33"			
Friday	0.01"			
Saturday	0.00"			
				Week 3
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.02"			
Wednesday	0.02"			
Thursday	0.00"	03/02/17	Sunny 42/22	
Friday	0.00"			
Saturday	0.00"			
				Week 4
Sunday:	0.00"			
Monday	0.22"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"	3/10/2017		
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). The areas that were disturbed when SB 3 and 5 were closed has been seeded (9/10/16/).					
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?					
No, See Findings Section					
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) 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. 3) Silt fence behind lot 114 needs to be removed. Sherwood Homes was informed to complete by 1/4/17. Not done as of the last inspection. Sherwood was reminded on 3/3/2017.					
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.				
IF 1	Inlet Filter	Rosewater Prky and Chicory St.	8/24/2016	Active	Yes
Current Condition:	Fair Condition - The inspector attempted to remove the inlet filter but it is frozen to the ground as of the 12/27/16 inspection. The inlet filter needs to be removed due to work on the basin being complete. The inspector will remove the inlet filter during the next inspection. Not done as of the last inspection				
Lot 2	Silt Fence	Lot 2		Removed	
Current Condition:	Removed - Regency Homes seeded the lot prior to the 7/16/15 inspection.				
Lot 1 Replat 1	Silt Fence	Lot 1 Replat 1	11/30/2016	Pending	Yes

Current Condition:	Pending-				
	Silt fence is needed on the front of the lot and the inlet filter needs to be removed in the circle.				
	MJ Design was informed to complete by 1/4/17. Not done as of the last inspection. MJ Design were reminded on 3/3/2017.				
Lot 2 Replat 2	Silt Fence	Lot 2 Replat 2	12/27/2016	Active	No
Current Condition:	Good Condition - Legacy Homes installed silt fence on the back of the lot prior to the 12/27/16 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 40	Individual Lot	Lot 40	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. Changed from lot 39 to lot 40.				
Lot 48	Individual Lot	Lot 48		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the 10/21/16 inspection.				
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 112	Silt Fence	Lot 112	9/17/2016	Active	Yes
Current Condition:	Fair Condition - Silt fence was installed on the front and back of the lot prior to the 9/17/16 inspection. The builder is unknown.				
	1.) The silt fence needs to be repaired on the front of the lot.				
	2.) The silt fence in the rear needs to be repaired.				
	1.) Legacy Homes was informed to complete by 10/4/16. Not done as of last inspection. Legacy Homes was reminded on 11/2/16, 11/27/2016, 1/5/17, 3/3/2017.				
	2.) Legacy Homes was informed to complete by 11/30/2016. Not done as of last inspection. Legacy Homes was reminded on 1/5/17, 3/3/2017.				
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		Removed	
Current Condition:	Removed-Sherwood Homes sodded the lot prior to 11/23/2016.				
Lot 122	Wattle	Lot 122	1/4/2017	Pending	Yes
Current Condition:	Pending				
	Silt fence needs to be installed on the back of the lot.				
	Charleston Homes was informed to complete by 1/4/17. Not done as of the last inspection. Charleston Homes was reminded on 3/3/2017.				
Lot 124	Silt Fence	Lot 124		Removed	
Current Condition:	Removed-Pacesetter Homes sodded the lot prior to 11/23/2016.				
Lot 126	Silt Fence	Lot 126		Removed	
Current Condition:	Removed-Regency Homes sodded the lot prior to 11/23/2016.				
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 134	Silt Fence	Lot 134	1/27/2017	Active	No
Current Condition:	Active-Lot was excavated prior to 3/2/2017 by Legacy Homes. Due to the lot being flat, no BMPs are presently needed. E&A will continue to monitor.				
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		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 10/21/16 inspection.				

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		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 8/24/16 inspection.				
Lot 142	Silt Fence	Lot 142	8/31/2016	Active	No
Current Condition:	Good Condition- Sherwood Homes repaired the silt fence on the front prior to 3/2/2017.				
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		Removed	
Current Condition:	Removed-Charleston Homes sodded the lot prior to 11/23/2016.				
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 149	Silt Fence	Lot 149	1/27/2017	Active	Yes
Current Condition:	<p>Fair Condition-</p> <p>1.) New wattles are needed along the curb line and the PP needs to be staked down. 2.) Portable toilet was added to the driveway. Toilet needs moved and staked down.</p> <p>1.) Charleston Homes was informed to complete by 3/9/2017. 2.) Charleston Homes was informed to complete by 3/17/17.</p>				
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	
Lot 180	Silt Fence	Lot 180	3/10/2017	Active	No
Current Condition:	Good Condition- Lot was excavated prior to inspection on 3/10/17. Silt fence was installed around the back of the lot by Pacesetter Homes. Note: Silt fence may need extended around the stockpile near the road.				
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 185	Wattle	Lot 185	10/21/2016	Active	Yes

Current Condition:	Fair Condition The silt fence on the back of the lot needs to be repaired in several areas. Sherwood Homes was informed to complete by 1/4/17. Not done as of the last inspection. Sherwood was reminded on 3/3/2017.				
Lot 195	Silt Fence	Lot 195		Removed	
Current Condition:	Removed - The silt fence was removed prior to the 6/4/14 inspection.				
SF 6	Silt Fence	SB 5	8/24/2016	Active	No
Current Condition:	Good Condition - The contractor that closed SB 5 installed silt fence prior to the 8/24/16 inspection.				
SF 7	Silt Fence	SB 3	9/27/2016	Active	No
Current Condition:	Good Condition- Legacy Homes repaired the silt fence prior to 3/3/2017.				
SF 8	Silt Fence	Rainwood Road	11/23/2016	Active	No
Current Condition:	Good Condition - Boyer Young installed a silt fence check in front of Rainwood Road prior to 11/23/2016.				
SB 3	Sediment Basin	South of Wild Indigo St and Prairie Star St.		Removed	
Current Condition:	Removed - The basin was closed prior to the 8/24/16 inspection.				
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		Removed	
Current Condition:	Removed - The basin was closed prior to the 8/24/16 inspection.				
STR	Street Cleaning	Entire Site	2/26/2007	Active	No
Current Condition:	Good Condition- Streets were scraped in front of lot 149 by Charleston Homes prior to 1/27/2017.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 156th and Cleveland Blvd				
Inspector Signature:			Reviewed By: 