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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:	9/12/2015	
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	Weather Conditions	
				Week 1
Sunday:	0.15"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				Week 2
Sunday:	0.00"			
Monday	0.84"			
Tuesday	0.36"			
Wednesday	0.19"	08/19/15	73/53 sunny	
Thursday	0.14"			
Friday	0.00"			
Saturday	0.46"			
				Week 3
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.02"			
Friday	1.11"			
Saturday	0.00"	08/29/15	69/59 cloudy	
				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:	0.03"			
Monday	0.01"			
Tuesday	0.37"			
Wednesday	0.13"			
Thursday	0.13"			
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 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?					
No, See bmp section					
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:					
A few houses are being built in the development.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date):					
1) See BMP section for required maintenance.					
2) Old silt fence needs to be removed from lot 71. Charleston Homes was informed to complete by 4/10/15. Not done as of last inspection.					
3) The old inlet filter in front of lot 2 needs to be cleaned up. Regency Homes was informed to complete by 8/26/15.					
4) Debris next to lot 137 needs to be cleaned up. Legacy Homes was informed to complete by 5/15/15. Not done as of last inspection.					
5) Lot 143 needs to be stabilized due to construction on lot 144. Dynasty Homes was informed to complete by 8/12/15. Not done as of last inspection.					
6) Lot 149 needs to be stabilized due to construction on lot 148. The Home Company was informed to complete by 8/12/15. Not done as of last inspection.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
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. Nick with Boyer Young was reminded on 3/24/15, 8/1/15.				
CW 2	Concrete Washout	Lot 162	6/14/2010	Active	yes
Current Condition:	Poor Condition - The concrete was piled up to build on that lot but still needs to be removed as of the 8/19/15 inspection. 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. Nick with Boyer Young was reminded on 3/24/15, 8/1/15.				
Lot 2	Silt Fence	Lot 2		Removed	

Current Condition:	Removed - Regency Homes seeded the lot prior to the 7/16/15 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		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 5/6/15 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	No
Current Condition:	Active - The lot is flat so BMPs are not needed as of the last inspection. The dirt pile was removed prior to the 1/24/15 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 120	Silt Fence	Lot 120		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 6/12/15 inspection.				
Lot 123	Silt Fence	Lot 123	4/21/2015	Active	Yes
Current Condition:	Fair Condition The silt fence on the back of the lot needs to be cleaned out. Regency Homes was informed to complete by 8/26/15. Not done as of last inspection. Regency Homes was reminded on 9/1/15.				
Lot 125	Silt Fence	Lot 125		Removed	
Current Condition:	Removed - Regency Homes sodded the lot prior to the 7/16/15 inspection.				
Lot 126	Silt Fence	Lot 126	12/17/2014	Active	Yes
Current Condition:	Fair Condition The silt fence on the back of the lot needs to be cleaned out. Regency Homes was informed to complete by 8/26/15. Not done as of last inspection. Regency Homes was reminded on 9/1/15.				
Lot 127	Silt Fence	Lot 127	4/21/2015	Active	Yes
Current Condition:	Fair Condition The silt fence on the back and side of the lot needs to be repaired. Regency Homes was informed to complete by 8/26/15. Not done as of last inspection. Regency Homes was reminded on 9/1/15.				
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	6/12/2015	Active	yes
Current Condition:	Fair Condition - Regency Homes removed the dirt pile from the ROW prior to the 7/16/15 inspection. The silt fence on the back of the lot needs to be repaired. Regency Homes was informed to complete by 8/5/15. Not done as of last inspection. Not done as of last inspection. Regency Homes was reminded on 9/1/15.				

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	4/21/2015	Active	Yes
Current Condition:	Fair Condition The silt fence needs to be cleaned out. Sherwood Homes was informed to complete by 8/26/15. Not done as of last 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 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 144	Silt Fence	Lot 144		Removed	
Current Condition:	Removed - Dynasty Homes sodded the lot prior to the 7/16/15 inspection.				
Lot 147	Individual Lot	Lot 147	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. The lot was changed to lot 147 from 148.				
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	7/16/2015	Active	Yes
Current Condition:	Fair Condition - Home Enterprise installed silt fence on the back of the lot. 1. Silt fence needs to be installed on the front of the lot. 2. The silt fence on the back of the lot needs to be repaired. 1. Home Enterprise was informed to complete by 7/23/15. Not done as of last inspection. Home Enterprise was reminded on 7/29/15, 9/1/15. 2. Home Enterprise was informed to complete by 8/5/15. Not done as of last inspection. Home Enterprise was reminded on 9/1/15.				
Lot 162	Individual Lot	Lot 162	9/5/2015	Pending	Yes
Current Condition:	Pending Silt fence needs to be installed on the front of the lot. Legacy Homes was informed to complete by 9/5/15.				
Lot 164	Individual Lot	Lot 164	11/28/2014	Pending	Yes

Current Condition:	Pending				
	Silt fence needs to be installed on the front of the lot.				
	The Home Company was informed to complete by 11/28/14. Not done as of last inspection. The Home Company was reminded on 3/24/15, 4/23/15, 6/13/15, 7/29/15.				
Lot 165	Silt Fence	Lot 165		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 7/16/15 inspection.				
Lot 167	Silt Fence	Lot 167	8/5/2015	Pending	Yes
Current Condition:	Pending				
	Silt fence needs to be installed on the front of the lot.				
	Sherwood Homes was informed to complete by 9/5/15.				
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 184	Silt Fence	Lot 184	7/29/2015	Active	Yes
Current Condition:	Fair Condition				
	The silt fence needs to be cleaned out on the back of the lot.				
	Sherwood Homes was informed to complete by 8/26/15. Not done as of last 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				
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	Yes
Current Condition:	Fair Condition - Sherwood Homes cleaned the street in front of lot 139 prior to the 8/19/15 inspection.				
	1. The street in front of lot 148 needs to be cleaned. 2. The street in front of lot 149 needs to be cleaned.				
	1. The Home Company was informed to complete by 6/13/15. Not done as of last inspection. 2. The Home Company was informed to complete by 7/30/15. Not done as of last 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: 