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Engineering Answers

Zachary A. Jilek, CPESC, CISEC
 Environmental Services Dept. Manager

E&A- P2003.191.000


Inspector: Evan Quartoroli		Stage
Project Name:	Newport Hill NER110499	3
For Week Ending:	5/9/2020	
Project Location:	180th St and NE Highway 36- Bennington NE (Douglas County)	68007

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	100%			
Utilities:	100%			
Overall Development:	92%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.20"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.22"				
Friday	0.03"				
Saturday	0.00"				
					Week 2
Sunday:	0.00"				
Monday	0.06"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.04"				
Friday	0.07"				
Saturday	0.12"				
					Week 3
Sunday:	0.09"				
Monday	0.01"				
Tuesday	0.04"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.03"				
					Week 4
Sunday:	0.00"				
Monday	0.15"				
Tuesday	0.00"				
Wednesday	0.05"	5/6/2020	Cloudy 62/42	1:10 PM	
Thursday	0.36"				
Friday	0.00"				
Saturday	0.09"				
					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 was completed on 6/11/07.					
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 was completed on 6/11/07.					
What temporary or permanent stabilization measures listed in this section are being implemented?					
Seeded (6/2007), Re-seeded (9/2007), Paving (9/2007), Seeded (4/2008), Small drainage ditch behind lot 41 was seeded and matted (4/21/15) The sidewalk by the entrance was seeded and matted (3/7/18). OL B next to lot 74 was seeded (11/4/19). River rock rip rap was installed at the flared end on OL B (12/2/19).					
Checklist Questions:					
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					
Create Corrective Action?					
N/A					
Have disturbed areas been seeded or otherwise stabilized as required? List inactive portions of the project and if stabilization measure are adequate or needed to prevent erosion.					
Yes					
Create Corrective Action?					
N/A					
Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?					
No					
Create Corrective Action?					
No - See BMP Section					
Are construction entrances and adjacent streets being maintained adequately?					
Yes					
Create Corrective Action?					
N/A					
Is dust associated with the construction activity adequately controlled on the site?					
Yes					
Create Corrective Action?					
N/A					
Comments:					
Multiple houses are being built as of the last inspection. There are currently 5 active lots in the development and 1 vacant lot.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date):					
1.) Maintenance required in the BMP section.					
2.) Outlot D has been disturbed by homeowner of Lot 36 prior to inspection on 6/27/18. E&A will monitor. Some BMPs are in place and needing maintenance.					
<ul style="list-style-type: none"> a. straw wattles along outlot need cleaned out b. erosion rills need backfilled and seeded 					
Maintenance responsibility is currently being determined by SID department. E&A will monitor. Maintenance responsibility is still being determined as of last inspection.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
DS 1	Swale	South of Northern Dr. between SB 1 and 2		Removed	
Current Condition:	Removed - The diversion was removed prior to inspection on 5/2/17.				
DS 9	Swale	West of 182nd Cir. towards SB 4		Removed	
Current Condition:	Removed - The diversion was removed prior to inspection on 5/2/17.				

DS 12	Swale	East of Northern Dr. and 182nd Cir towards SB 5		Removed	
Current Condition:	Removed - The diversion was removed prior to inspection on 5/2/17.				
DS 13	Swale	East of Star grass Rd towards SB 6		Removed	
Current Condition:	Removed - No diversion swale was observed during the inspection on 12/8/17.				
DS 14	Swale	North of Star grass Rd towards SB 6		Removed	
Current Condition:	Removed - No diversion swale was observed during the inspection on 12/8/17.				
Lot 7	Individual Lot	Lot 7		Removed	
Current Condition:	Removed - Silverthorn Custom Homes sodded the lot prior to inspection 12/2/19.				
Lot 28	Silt Fence	Lot 28		Removed	
Current Condition:	Removed - Ideal Designs sodded the lot prior to inspection on 5/20/19.				
Lot 30	Silt Fence	Lot 30		Removed	
Current Condition:	Removed - Homestead Custom Builders sodded the lot prior to the inspection on 8/17/17. Bradley Schmitt (homeowner) began garage construction and installed silt fence prior to inspection on 1/2/2019. The homeowner sodded around the garage construction area prior to inspection on 7/16/19				
Lot 42	Individual Lot	Lot 42	8/17/2017	Active	No
Current Condition:	Active - D and D Leasing Began construction on the lot prior to the inspection on 8/17/17. No BMP's are currently needed, the inspector will monitor. Due to lack of disturbance on the lot, silt fence will no longer be recommended on the south side of the lot. The front of the lot was sodded prior to inspection on 12/4/18 and the portable toilet was removed. However, garage construction is active in the SW portion of the lot.				
Lot 69	Individual Lot	Lot 69		Removed	
Current Condition:	Removed - The Homeowner sodded the lot prior to inspection on 8/13/19.				
Lot 71	Individual Lot	Lot 71		Removed	
Current Condition:	Removed - Lot was being fine graded as of the inspection on 9/20/2019, and sodded by JD Martinez prior to 10/11/2019. Minor silt remains in lot. E&A will evaluate re-seeding and vegetation growth in the Spring of 2020.				
Lot 73	Silt Fence	Lot 73		Removed	
Current Condition:	Removed - Echelon Homes sodded the lot prior to the inspection on 5/6/20.				
Lot 74	Silt Fence	Lot 74	8/16/2018	Active	No
Current Condition:	Good Condition- Silt fence was installed in the rear of the lot and silt fence checks were installed behind the lot to protect the area inlet by Commercial Seeding prior to 3/9/2020 on behalf of the SID. Homestead Custom Builders is just waiting for the site to be seeded as of 3/9/2020.				
Lot 76	Individual Lot	Lot 76		Removed	
Current Condition:	Active - KRT Construction sodded the front of the lot prior to inspection on 12/4/18, however, unstabilized area remains in the back of the lot. KRT Construction reseeded the back of the lot prior to inspection on 6/24/19. KRT Construction sodded the remainder of the lot prior to inspection on 7/16/19.				
Lot 77	Individual Lot	Lot 77		Removed	
Current Condition:	Removed - Citadel Signature Homes sodded the lot prior to inspection on 7/16/19.				
Lot 84	Individual Lot	Lot 84	8/13/2019	Active	Yes
Current Condition:	<p>Fair Condition - Knapp Custom Homes began construction on the lot prior to inspection on 8/13/19. Knapp Custom Homes was extended along the west side of the lot prior to inspection on 9/9/19. There was grading occurring on the lot for utility tie-in during inspection on 10/2/19.</p> <ol style="list-style-type: none"> The sediment should be removed from adjacent lots 83 and 85 The silt fence on the west side of the lot has a gap that should be closed Silt fence should be installed on the southeast corner of the active area of the lot due to silt running onto the adjacent sodded lot 83. The silt fence should be reinstalled/retied near the front of the lot <ol style="list-style-type: none"> Knapp Custom Homes was informed to complete while on site during inspection on 8/13/19. Not done as of the last inspection. Knapp Custom Homes was reminded on 9/11/19, 11/7/19, 3/10/2020 Knapp Custom Homes was informed to complete by 10/1/19. Not done as of the last inspection. Knapp Custom Homes was reminded on 11/7/19, 3/10/2020 Knapp Custom Homes was informed to complete by 10/1/19. Not done as of the last inspection. Knapp Custom Homes was reminded on 11/7/19, 3/10/2020 Knapp Custom Homes was informed to complete by 11/11/19. Not done as of the last inspection. Knapp Custom Homes was reminded on 3/10/2020 				
Lot 86	Individual Lot	Lot 86		Removed	
Current Condition:	Removed - Trademark Homes sodded the lot prior to inspection on 5/9/19.				
Lot 88	Individual Lot	Lot 88	9/25/2018	Active	Yes

Current Condition:	<p>Fair Condition - Silt fence was installed by E&A's contractor for basin closure around the lot prior to inspection on 9/25/18. Portions of the silt fence have been removed and the lot has been seeded as of inspection on 11/6/18. The silt fence was repaired prior to the inspection on 4/15/19. The E&A inspector retied the silt fence during inspection on 11/4/19. An unknown builder is building a home on the lot. Once the builder is identified, the builder will be informed to maintain the silt fence.</p> <p>The silt fence was knocked down in multiple locations by the snow and should be repaired/retied or the silt fence should be removed on the front of the lot</p> <p>The E&A inspector will inform the builder of silt fence maintenance once they have been identified.</p>				
SF 1	Silt Fence	South of Lot 21		Removed	
Current Condition:	Removed - Woodland Homes removed the silt fence prior to inspection on 8/16/18.				
SB 1	Sediment Basin	South of Northern Dr. on southwest corner of site		Removed	
Current Condition:	Removed - Basin was closed prior to inspection on 9/25/18.				
SB 2	Sediment Basin	South of Northern Dr. between 185th St and 184th St.	4/9/2007	Active	No
Current Condition:	Good Condition - 29% Filled. The volunteer trees were removed from the basin prior to the 3/20/15 inspection. Cleanout mark repainted by E&A inspector on 3/30/2020.				
SB 3	Sediment Basin	South of Northern Dr. between 182th St and 184th St.	04/06/07	Active	No
Current Condition:	Good Condition - 39% Filled. The volunteer trees were removed from the basin prior to the 3/20/15 inspection. Basin was mowed prior to inspection on 8/16/18. Minor riser damage was observed during inspection on 8/13/19. Cleanout mark repainted by E&A inspector on 3/30/2020.				
SB 4	Sediment Basin	South of Northern Dr. between 182th St and 184th St.	04/06/07	Active	No
Current Condition:	Good Condition - 41% Filled. The volunteer trees were removed from the basin prior to the 3/20/15 inspection. Cleanout mark repainted by E&A inspector on 3/30/2020.				
SB 5	Sediment Basin	East of 182nd Cir.		Removed	
Current Condition:	Removed - Basin was closed prior to inspection on 8/16/18.				
SB 6	Sediment Basin	Northeast of Star grass Rd.	4/9/2007	Active	No
Current Condition:	Good Condition - 48% Filled - The SID cut down volunteer trees prior to the 2/23/16 inspection. Cleanout mark repainted by E&A inspector on 3/30/2020.				
SB 7	Sediment Basin	North of Star grass Rd. East of 182nd St.	4/9/2007	Active	No
Current Condition:	Good Condition - 42% Filled - The SID cut down volunteer trees prior to the 2/23/16 inspection. There is erosion at the outfall. E&A will monitor. Cleanout mark repainted by E&A inspector on 3/30/2020.				
SB 8	Sediment Basin	North of Star grass Rd. between 184th St and 182nd St	4/20/2007	Active	No
Current Condition:	Good Condition - 49% Filled - The SID cut down volunteer trees prior to the 2/23/16 inspection. Cleanout mark repainted by E&A inspector on 3/30/2020.				
STR	Streets	Entire Site	3/20/2007	Active	No
Current Condition:	Good Condition - Streets in front of Lot 77 were cleaned prior to inspection on 9/4/18. Streets were cleaned in front of lots 42, 50 and 86 prior to inspection on 10/10/18. Streets were cleaned in 182nd Circle prior to inspection on 12/4/18. Streets were cleaned in 182nd Circle prior to inspection on 6/24/19. Homestead Custom Builders cleaned the streets in front of Lot 74 prior to inspection on 9/10/19. Streets were cleaned by JD Martinez and Knapp Custom Homes prior to 9/20/2019				
SWPPP signs	Signs	1 sign	8/19/2008	Pending	No
Current Condition:	Good Condition - SW corner of 180th St and Northern Hills Dr.				
Inspector Signature:				Reviewed By: 