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Engineering Answers

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

E&A- P2003.191.000

Inspector: Josh Ellington		Stage
Project Name:	Newport Hill CSW-202206288	3
For Week Ending:	7/13/2024	
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	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.03"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.54" [03:55 - 21:55]				
					Week 2
Sunday	0.00"				
Monday	0.24" [07:35 - 08:55]	6/17/2024	Cloudy 90	4:30 PM	
Tuesday	0.18" [18:35 - 19:55]				
Wednesday	0.00"				
Thursday	0.13"				
Friday	0.01"				
Saturday	0.3" [01:55 - 03:55]				
					Week 3
Sunday	0.00"				
Monday	0.00"	6/24/2024	Sunny 86	11:00 AM	
Tuesday	0.81" [19:35 - 00:00]				
Wednesday	0.04"	6/26/2024	Sunny 84	2:10 PM	
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 4
Sunday	0.00"				
Monday	0.66" [08:15 - 10:55]	7/1/2024	Cloudy 71	2:35 PM	
Tuesday	1.49" [22:55 - 14:55]				
Wednesday	0.00"	7/3/2024	Mostly cloudy 71	9:50 AM	
Thursday	0.06"				
Friday	0.00"				
Saturday	0.12"				
					Week 5
Sunday	0.11"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				

Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				

Complaints:	None
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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 6/11/2007.

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 6/11/2007.

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 (4/21/2015) The sidewalk by the entrance was seeded and matted (3/7/2018). OL B next to lot 74 was seeded (11/4/2019). River rock rip rap was installed at the flared end on OL B (12/2/2019). Erosion behind Lot 36 was backfilled and stabilized (11/20/23).

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?

Yes

Create Corrective Action?

N/A

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:

Comments:

The site was inactive during the last inspection.


Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):

1.) No maintenance is required in the BMP section.

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 24	Silt Fence	Lot 24		Removed	
Current Condition:	Removed - Nilius Builders sodded the lot prior to the inspection on 7/31/21.				
Lot 42	Individual Lot	Lot 42		Removed	
Current Condition:	Removed - D and D Leasing sodded the lot and grass has grown to stabilization as of the inspection on 11/22/21.				
Lot 73	Individual Lot	Lot 73		Removed	
Current Condition:	Removed - The homeowner (Mr. Dean Hanish) sodded the lot prior to the inspection on 11/01/22.				
Lot 84	Individual Lot	Lot 84		Removed	
Current Condition:	Removed - Russ Knapp sodded the lot prior to the inspection on 7/7/21.				
Lot 88	Individual Lot	Lot 88		Removed	
Current Condition:	Removed - Ideal Designs sodded the lot prior to inspection on 4/22/21.				
Outlot B	Silt Fence	Outlot B		Removed	
Current Condition:	Removed-Silt fence checks and silt fence were removed by the SID in the outlot prior to 10/6/2020				
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.	4/6/2007	Active	No
Current Condition:	Good Condition - 43% 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.	4/6/2007	Active	No
Current Condition:	Good Condition - 31% 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	Active	No
Current Condition:	Good Condition - SW corner of 180th St and Northern Hills Dr.				

Certification Statement:	I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fines and imprisonment for knowing violations.	
Inspector Signature: 		Reviewed By: 