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Engineering Answers

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

E&A- P2005.198.000 (Clearwater Falls)
 E&A-P2005.198.009 (Clearwater Falls Trail)

Inspector: Evan Quartoroli		Stage
Project Name:	Clearwater Falls/Clearwater Falls Trail CSW-201701144	3
For Week Ending:	4/11/2020	
Project Location:	48th and Fairview Road- Bellevue, NE (Sarpy County)	68123

Grading:	100%	100%		
Sanitary Sewer:	100%	N/A		
Storm Sewer:	100%	100%		
Paving:	100%	100%		
Seeding:	100%	99%		
Utilities:	100%	N/A		
Overall Development:	99%	99%		

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.01"				
Wednesday	0.62"	3/18/2020	Light Drizzle 56/50	12:35 p.m.	
Thursday	0.29"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.10"				
Saturday	0.30"				
					Week 3
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.03"				
Thursday	0.02"				
Friday	0.21"				
Saturday	0.01"				
					Week 4
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"	04/09/20	Mostly Sunny 51/29	10:30 AM	
Friday	0.00"				
Saturday	0.00"				
					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?					
Grading completed and entire site seeded prior to 2005. Entire Site; JC Excavating completed grading Lots 346 through 480 Section II, drainage area 1 and 2 (11/2009). Entire site is now inactive for major grading activities as of the inspection on 11/20/2013. Grading for the Clearwater Falls Trail has ceased as of inspection on 12/18/17. Grading has begun at Clearwater Falls Trail for installation of Storm Sewer on N side of trail. Grading has ceased for storm sewer on N side of trail.					
Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days? :					
Grading completed and entire site seeded prior to 2005. Entire Site; JC Excavating completed grading Lots 346 through 480 Section II, drainage area 1 and 2 (11/2009). Entire site is now inactive for major grading activities as of the inspection on 11/20/2013. Grading for the Clearwater Falls Trail has ceased as of inspection on 12/18/17. Grading has begun at Clearwater Falls Trail for installation of Storm Sewer on N side of trail. Grading has ceased for storm sewer on N side of trail.					
What temporary or permanent stabilization measures listed in this section are being implemented?					
Paving, dense vegetation and landscaping. Seed and straw mulch over ROW in Northwest quarter of SID (10/08), Sod on various lots (Fall '08), New phase, lots 346-480, seeded (4/10); Outlot B was seeded (6/2011); Lots 16-19 was seeded (8/2011); Outlot L was graded, seed and matted (5/22/2014); 42nd Street and 43rd Avenue was temp seeded (5/22/2014); Additional matting was installed on the South side of Outlot L (8/4/2014); Matting has been installed on the side slopes surrounding outlot M Basin (12/15/2014); John Navarro installed the erosion control matting 1 & 2 for the trail project (1/17/18). Park Area has been seeded and matted (5/9/18). Storm Sewer Installed and disturbed area has been seeded and matted (5/9/18). Area surrounding new sidewalk in NE portion of site has been seeded and matted (7/5/18). NW corner of site has been seeded and matted (7/5/18).					
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:					
Home Construction is inactive as of the last inspection. There is currently 0 active lots and 2 vacant lots (147 & 163) throughout the development. Outlot J was disturbed when construction equipment used it to access lot 279.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date):					
1.) No maintenance is required in the BMP Section.					
2.) Some re-seeding is necessary throughout the Clearwater Falls Trail project.					
a. The area around the area inlet needs to be reseeded and matted.					
b. The erosion in the middle of the trail area needs to be backfilled and reseeded/matted					
c. The northwest corner of the trail needs to be reseeded/matted					
d. The western portion of the trail needs to be overseeded.					
- Commercial Seeding was informed to complete as conditions allow on 3/19/19. Not done as of the last inspection. Commercial Seeding was reminded on 5/13/19, 6/5/19. Commercial Seeding completed the pending maintenance prior to inspection on 6/24/19. E&A will continue to monitor for seed growth. Overseeding is required in all areas. Commercial Seeding was informed to complete ASAP on 9/26/19. E&A will monitor. Not done as of the last inspection.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CW 5	Concrete Washout	Lot 387		Removed	
Current Condition:	Removed - Celebrity Homes removed the concrete washout prior to inspection on 11/12/2015.				
CW 6	Concrete Washout	Lot 359		Removed	
Current Condition:	Removed - Washout pit was removed by Celebrity Homes prior to 3/30/2016.				
CW 7	Concrete Washout	Lot 361		Removed	

Current Condition:	Removed - due to the progression of the site, individual lots will be responsible for their concrete waste. Builders will washout on their own lots, if a washout becomes needed the inspector will inform the applicant to install a washout.				
Lot 81	Individual Lot	Lot 81		Removed	
Current Condition:	Removed - Pacesetter Homes sodded the lot prior to inspection on 9/30/19.				
Lot 297	Individual Lot	Lot 297		Removed	
Current Condition:	Removed - Pacesetter Homes sodded the lot prior to inspection on 8/12/19.				
Pod F	Silt Fence	Lots 426-454		Removed	
Current Condition:	Removed - Lots 427 and 428 were sodded prior to 12/1/2015 by Celebrity Homes.				
Pod G	Silt Fence	Lots 404-425		Removed	
Current Condition:	Removed - Lot 404 was sodded prior to 6/29/2016. Pod has been built out.				
Pod H	Silt Fence	Lots 455-473		Removed	
Current Condition:	Removed - Lot 460 was sodded by Celebrity Homes prior to the inspection on 4/25/2015.				
Pod I	Silt Fence	Lots 346-355		Removed	
Current Condition:	Removed - Lot 355 was sodded prior to 8/18/2015 by Celebrity Homes.				
Pod J	Silt Fence	Lots 381-394		Removed	
Current Condition:	Removed - Pod J is built out as of 8/12/2016.				
Pod K	Silt Fence	Lots 372-403		Removed	
Current Condition:	Removed - Celebrity Homes sodded lot 379 prior to 11/22/16 completing the pod.				
Pod L	Silt Fence	Lots 371-356		Removed	
Current Condition:	Removed - Celebrity Homes sodded lots 364, and 361-359 completing the pod.				
SB 1	Sediment Basin	Outlot "M"	In Place	Active	No
Current Condition:	Good Condition - 25% Filled. Vegetation was removed from the basin and the slopes were seeded and matted by the SID prior to inspection on 10/23/14. Vegetation was removed from the basin by the SID prior to inspection on 9/19/17.				
SB 2	Sediment Basin	Outlot "L"	11/17/2009	Active	No
Current Condition:	Good Condition - 15% Filled - JC Excavating installed prior to inspection on 11/18/09.				
SB 3	Sediment Basin	School Lot 165	In Place	Active	No
Current Condition:	Good Condition - 20% Filled - Cleaned out 02/06				
Clearwater Falls Trail					
CD 1	Check Dam	Northern side of site	10/2/2017	Active	No
Current Condition:	Good Condition - John Navarro installed the check dam prior to inspection on 12/18/17.				
EM 1	Erosion Control Matting	East side of site		Removed	
Current Condition:	Removed - Due to establishment of vegetation, erosion control matting will no longer be inspected as a BMP.				
EM 2	Erosion Control Matting	West side of site		Removed	
Current Condition:	Removed - Due to establishment of vegetation, erosion control matting will no longer be inspected as a BMP.				
SF 1	Silt Fence	Southern side of site		Removed	
Current Condition:	Removed - BMP no longer being recommended because of stabilization of area.				
SF 2	Silt Fence	Southern side of site		Removed	
Current Condition:	Removed - BMP no longer being recommended because of stabilization of area.				
SF 3	Silt Fence	Southern side of site		Removed	
Current Condition:	Removed - John Navarro stabilized the area prior to inspection on 3/6/18 and the silt fence is no longer required.				
SF 4	Silt Fence	Northern side of site		Removed	
Current Condition:	Removed - BMP no longer being recommended because of stabilization of area.				
IP 1	Inlet Protection	Southern side of site		Removed	
Current Condition:	Removed - BMP no longer being recommended because of stabilization of area.				
STR	Street Cleaning	streets	5/1/2007	Active	No
Current Condition:	Good Condition - Pacesetter Homes scraped up dirt from the street in front of lot 297 prior to 6/19/17. Pacesetter Homes cleaned the track out from along lot 292 prior to 7/13/17. Regency Homes cleaned the track out in front of lot 329. Track out was cleaned in front of lot 302 prior to inspection on 10/9/17. Street in between trail entrance and park was cleaned prior to inspection on 5/9/18. Dostal Construction cleaned the streets prior to inspection on 6/4/19. Pacesetter Homes cleaned the street in front of Lot 81 prior to the 9/30/19 inspection.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition - 48th and Birchwood Drive				
Inspector Signature:			Reviewed By: 		