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

Engineering Answers

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

E&A-P2005.198.009 (Clearwater Falls Trail)							
Inspector: Aaron Tulley		,	,	Stage			
Project Name:	Cle	3 and 2					
		CSW-201701144 7/14/2018					
For Week Ending:	101			68123			
roject Location: 48th and Fairview Road- Bellevue, NE (Sarpy County)							
Grading:	10	0% 100%	%				
Sanitary Sewer:		0% N/.					
Storm Sewer:		0% 50%					
Paving:		0% 959					
Seeding: Utilities:		0% 50% 0% N/					
Overall Development:		7% 75%					
	<u> </u>		1				
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Week 1			
Sunday:	0.12"			Week I			
Monday	0.88"						
Tuesday	0.00"	06/12/18	Scattered Clouds 83/63				
Wednesday	0.00"	06/13/18	Scattered Clouds 81/63				
Thursday Friday	0.00"						
Saturday	0.00"						
Cataraay	0.00			Week 2			
Sunday:	0.27"						
Monday	0.85"						
Tuesday	2.43"	06/19/18	Tstorm 84/68				
Wednesday	0.73"	06/20/18	Rain 76/63				
Thursday	0.06"						
Friday	0.00"						
Saturday	0.01"			W 1.0			
Cumdous	0.04"			Week 3			
Sunday: Monday	0.01" 0.52"		+				
Tuesday	0.00"	06/26/18	Partly Cloudy 83/63				
Wednesday	0.00"	06/27/18	Hazy 87/64				
Thursday	0.00"	00/21/10					
Friday	0.00"						
Saturday	0.52"						
				Week 4			
Sunday:	0.18"						
Monday	0.00"	07/02/18	Clear 84/60				
Tuesday	0.00"						
Wednesday	0.13"						
Thursday	0.41"	7/5/2018	Rain 84/69				
Friday	0.00"						
Saturday	0.00"			Mook 5			
Sunday:	0.00"			Week 5			
Monday	0.00"		+				
Tuesday	0.00"						
Wednesday	0.00"						
Thursday	0.00"						
Friday	0.01"						
Saturday	0.00"						
	<u> </u>	· · · · · · · · · · · · · · · · · · ·	· '	·			
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.

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.

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).

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

Yes

s dust associated with the construction activity adequately controlled on the site

Yes

Comments:

Comments:

Home Construction is active in the North part of the development by various builders.

Outlot J was disturbed when construction equipment used it to access lot 279.

Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):

- 1.) Some maintenance is required in the BMP Section.
- 2.) Clearwater Falls Trail will now be inspected as a Stage 3 (every 30 days) rather than every 14 days.

Unique Name	Туре	Location	Projected Install Date	Status	Maintenance	
CW 5	Concrete Washout	Lot 387		Removed		
Current Condition:	Removed-Celebrity Homes	removed the concrete was	shout prior to inspection on	11/12/2015.		
CW 6	Concrete Washout	Lot 359		Removed		
Current Condition:	Removed- Washout pit was	removed by Celebrity Hor	mes 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 16	Individual Lot	Lot 16	I	Removed		
Current Condition:	Removed- Outlot B was see		on Homes prior to 5/27/2016		1	
Lot 17	Individual Lot	Lot 17		Removed		
Lot 41	Individual Lot	Lot 41	1/24/2018	Active	Yes	
Current Condition:	Fair Condition - Pacesetter Homes began construction on the lot prior to inspection on 6/4/18. Pacesetter Homes installed silt fence on the north and west portions of the lot prior to inspection on 6/4/18. Dirt pile was removed from the ROW prior to inspection on 7/5/18. 1. Silt fence is undermined in the NW corner of the lot and needs to be repaired 2. Silt needs to be removed from adjoining ROW and sidewalk 3. Silt fence needs to be retied on the N side of the lot 1. Pacesetter Homes was informed to complete by 7/12/18 2. Pacesetter Homes was informed to complete by 7/12/18 3. Pacesetter Homes was informed to complete by 7/12/18					
Current Condition:	Removed- Newport Homes	sodded the lot prior to 11/	12/2015.			

Lot 54	Silt Fence	Lot 54		Removed		
Current Condition:	Removed-Nick Peterson so		ction on 5/28/15.			
Lot 57	Silt Fence Removed-Horizon Homes s	Lot 57	action on F/20/4F	Removed		
Current Condition: Lot 59	Individual Lot	Lot 59		Removed		
Current Condition:	Removed- Horizon Homes	sodded the lot prior to 11/1	12/2015.			
Lot 60	Silt Fence	Lot 60	1/40	Removed		
Current Condition:	Removed- Horizon Homes		1/16.	ı		
Lot 65	Silt Fence	Lot 65		Removed		
Current Condition:	Removed - The Home Con	npany sodded the lot pri	or to inspection on 7/2/18			
			ı			
Lot 68	Silt Fence	Lot 68	2/3/2017	Active	Yes	
Current Condition:	Fair Condition - Pacesetter Homes installed silt fence in the rear of the lot prior to 6/28/17. Construction is set to begin on the lot. Pacesetter Homes began construction on the lot prior to inspection on 3/19/18. The silt fence already in place is sufficient as a lot level BMP. Pacesetter Homes added a piece of silt fence in the back of the lot prior to inspection on 5/22/18. 1.) The silt fence needs to be repaired and entrenched in the back of the lot 2.) The silt fence needs to be repaired in the northeast corner of the lot 3.) The sediment needs to be removed from Lot 67.					
	 Pacesetter Homes was i Pacesetter Homes was i Pacesetter Homes was i 	nformed to complete by 6/	/11/18. Not done as of last	t inspection.		
Lot 69	Silt Fence	Lot 69		Removed		
Current Condition:	Removed- Sherwood Home		l /13/17.	Romoveu		
Lot 76	Silt Fence	Lot 76		Removed		
Current Condition:	Removed- Lot was sodded		7/31/2015.			
Lot 80	Silt Fence	Lot 80	1/2045	Removed		
Current Condition: Lot 82	Removed- Horizon Homes s Silt Fence	Lot 82	1/2015. 	Removed		
Current Condition:	Removed- Lot was sodded		9/18/2015.			
Lot 88	Silt Fence	Lot 88		Removed		
Current Condition:	Removed- Legacy Homes s	· · · · · · · · · · · · · · · · · · ·	2/16.			
Lot 89 Current Condition:	Individual Lot Removed- the Home Comp	Lot 89	11/1/16	Removed		
Lot 132	Silt Fence	Lot 132	11,7,710.	Removed		
Current Condition:	Removed- Regency Homes	sodded the lot prior to 4/1	9/2015.			
Lot 155 Current Condition:	Silt Fence Removed- Regency Homes	Lot 155	10/2015	Removed		
Lot 209-210	Silt Fence	Lots 209-210	19/2013.	Removed		
Current Condition:	Removed- Celebrity Homes prior to 3/27/17.	·	/1/16. Celebrity Homes rem	loved the remain	ing silt fence	
Lot 255	Individual Lot	Lot 255	0/04/45:	Removed		
Current Condition:	Removed - Legacy Homes	'	6/24/15 inspection.	Γ		
Lot 256 Current Condition:	Silt Fence Removed- Regency Homes	Lot 256 sodded the lot prior to 11	<u> </u> /22/16.	Removed		
Lot 257	Individual Lot	Lot 257	3/19/2018	Active	Yes	
Current Condition:	Fair Condition - The Home (
	Company installed silt fence around the perimeter of the lot prior to inspection on 3/19/18. Streets were cleaned in front of the lot prior to inspection on 7/5/18. Silt fence on the NE corner of the lot was damaged and removed during sidewalk installation prior to inspection on 7/2/18.					
	The silt fence on the S side of the lot is full and should be cleaned out. The silt fence on the NE corner of the lot needs to be repaired/reinstalled.					
	 The Home Company was informed to complete by 4/18/18. Not done as of last inspection. The Home Company was reminded on 5/10/18, 6/5/18. The Home Company was informed to complete by 6/11/18. Not done as of last inspection. 					
Lot 258	Silt Fence	Lot 258		Removed		
Current Condition:	Removed-Charleston Home		nspection on 5/14/15.			
Lot 259	Silt Fence	Lot 259		Removed		
Current Condition:	Removed-Charleston Home	•	nspection on 5/14/15.			
Lot 260	Individual Lot Removed- Sherwood Home	Lot 260	/27/2016	Removed		
Current Condition: Lot 261	Individual Lot	Lot 261	121/2010.	Removed		
Current Condition:	Removed- Sherwood Home		/27/2016.			
Lot 272	Silt Fence	Lot 272	10	Removed		
Current Condition:	Removed- Dean Vogel sodo	ded the lot prior to 8/12/20	16.			

Lot 273	Silt Fence	Lot 273		Removed		
Current Condition:	Removed- Sherwood Home		<u> </u> /11/17.	Removed		
	· · · · · · · · · · · · · · · · · · ·					
Lot 274 Current Condition:	Silt Fence Removed- Regency Homes	Lot 274	 /14/16	Removed		
Lot 275	Individual Lot	Lot 275	1/24/2018	Active	No	
Current Condition:						
Current Condition.	Good Condition - Pacesetter Homes began construction on the lot prior to inspection on 1/24/18. Pacesetter Homes installed silt fence in the rear of the lot prior to inspection on 1/24/18. Streets were cleaned by Pacesetter Homes prior to inspection on 3/27/18.					
Lot 276	Silt Fence	Lot 276		Removed		
Current Condition:	Removed- Dean Vogel sodo	ded the lot prior to 4/14/20	17.			
Lot 277	Silt Fence	Lot 277		Removed		
Current Condition:	Removed- the lot was mista		Iready sodded.	1100700		
Lot 279	Individual Lot	Lot 279	1/17/2018	Active	Yes	
Current Condition:	Fair Condition -					
	1. Silt Fence along W side of lot should be repaired/retied & extended and possibly wrapped around corner on front of lot 2. Silt fence on rear of lot is undermined and needs to be backfilled/retrenched 3. Silt fence in the SW corner of the lot is overtopped and needs to be repaired 4. Sediment needs to be cleaned from adjacent lots where silt fence has broken 1. The Home Company was informed to complete by 4/18/18. Not done as of last inspection. The Home Company was reminded on 5/10/18, 6/5/18. 2. The Home Company was informed to complete by 4/18/18. Not done as of last inspection. The Home Company was informed to complete by 6/11/18. Not done as of last inspection. 4. The Home Company was informed to complete by 6/20/18. Not done as of last inspection.					
		I				
Lot 280	Silt Fence	Lot 280	espection on 7/27/47	Removed		
Current Condition: Lot 281	Removed - Sherwood Home	Lot 281	nspection on 7/27/17.	Demoused		
Current Condition:	Silt Fence Removed- Dean Vogel sodo		Land removed the silt fer	Removed	2016	
Lot 284	Silt Fence	Lot 284		Removed		
Current Condition:	Removed- Sherwood Home	s sodded the lot prior to 5	/27/2016.			
Lot 282	Silt Fence	Lot 282		Removed		
Current Condition: Lot 285	Removed- Oakwood Homes Silt Fence	s removed the silt fence in Lot 285	the rear prior to 7/26/2015	Removed		
Current Condition:	Removed- Sherwood Home		<u> </u>	Removed		
Lot 286	Silt Fence	Lot 286		Removed		
Current Condition:	Removed-Sherwood Homes		Lspection on 7/8/15.	Removed		
Lot 291	Silt Fence	Lot 291	1/17/2018	Active	Yes	
Current Condition:	Fair Condition-					
	 Silt Fence in the back of the lot needs to be cleaned out and repaired. Silt needs to be removed that has gone over fence in back of lot. Sherwood Homes was informed to complete by 4/3/18. Not done as of last inspection. Sherwood Homes was informed to complete by 7/4/18. Not done as of last inspection. 					
Lot 292	Silt Fence	Lot 292	The state and an or lace	Removed		
Current Condition:	Removed - Pacesetter Hom		inspection on 10/9/17.			
Lot 293	Silt Fence	Lot 293		Removed		
Current Condition:	Removed - The Home Com		to inspection on 6/8/18.			
Lot 294 Current Condition:	Silt Fence Removed - Sherwood Home	Lot 294 es sodded the lot prior to in	Lnspection on 10/9/17.	Removed		
Lot 296	Silt Fence	Lot 296		Removed		
Current Condition:	Removed - Pine Crest Hom		nspection on 5/9/18	1.01110460		
Current condition.		To add and not prior to t				
Lot 297	Silt Fence	Lot 299		Removed		
Current Condition:	Removed - The Home Com	pany sodded the lot prior t	o inspection on 6/4/18.			
Lot 299	Silt Fence	Lot 299		Removed		
Current Condition:	Removed - The Home Com		o inspection on 6/4/18.			
Lot 300	Silt Fence	Lot 300	21/2015	Removed		
Current Condition:	Removed- Pinecrest Homes	s souded the lot prior to 7/5	J 1/2013.			

	•	Γ	T	T	
Lot 302	Silt Fence	Lot 302		Removed	
Current Condition:	Removed - Sherwood Home	es sodded the lot prior to i	nspection on 12/18/17.		
Lot 307	Silt Fence	Lot 307		Removed	
Current Condition:	Removed-Sherwood Homes	sodded the lot prior to 8/	20/2016.		
Lot 310	Silt Fence	Lot 310		Removed	
	Removed- Sherwood Home		14/17	Removed	
Current Condition:	Removed- Sherwood Home	Souded the lot phot to 6/	14/17.		
Lot 314	Silt Fence	Lot 314		Removed	
Current Condition:	Removed - The Home Com	pany sodded the lot prior	to inspection on 8/22/17.		
Lot 315	Silt Fence	Lot 315		Removed	
Current Condition:	Removed- Legacy Homes s	odded the lot prior to 11/2	2/16.		
L at 240	Cilt Fance	L at 240		Damayad	
Lot 316 Current Condition:	Silt Fence Removed - THC sodded the	Lot 316	0/40/47	Removed	
		Lot 319	3/13/17. T	Damayad	
Lot 319 Current Condition:	Silt Fence Removed-Sherwood Homes		12/2016	Removed	
		· · · · · · · · · · · · · · · · · · ·	13/2010.		
Lot 324	Silt Fence	Lot 324		Removed	
Current Condition:	Removed-Sherwood Homes Silt fence	Lot 325	spection on 7/8/15.	Removed	
Lot 325 Current Condition:	Removed- Lot was sodded I		to 11/17/2015	Removed	
Lot 326	Silt Fence	Lot 326		Removed	
Current Condition:	Removed-Sherwood Homes		spection on 7/16/15.		
Lot 328	Silt Fence	Lot 328		Removed	
Current Condition:	Removed-Oakwood Homes		odded the lot prior to inspec		
Lot 329	Silt Fence	Lot 329		Removed	
Current Condition:	Removed - Regency Homes	s sodded the lot prior to in	spection on 5/9/18.		
Lot 336	Temp. Seeding	Lot 336		Removed	
Current Condition:	Removed- As of 8/18/2015,	lot has filled in and temp	seeding is not needed.		
Lot 336	Silt Fence	Lot 336		Removed	
Current Condition:	Removed- Sherwood Home	s sodded the lot prior to 1	0/6/16.		
L at 227	Silt Fence	Lot 337	ı	Damayad	
Lot 337 Current Condition:	Removed-Sherwood Homes		d sodded the lot prior to in	Removed	1/15
Current Condition.	Removed-Sherwood Homes	s removed the slit rence at	na soadea the lot phor to in	specifor on 5/20	713.
Lot 344	Silt Fence	Lot 344		Removed	
Current Condition:	Removed- the Home Compa		11/1/16	Kellloveu	
Pod F	Silt Fence	Lots 426-454	T 17 17 10.	Damayad	
Current Condition:	Removed-Lots 427 and 428		1/2015 by Calabrity Homes	Removed	
Current Condition.	Removed-Lots 427 and 420	were souded prior to 12/	1/2013 by Gelebility Homes.		
Pod G	Silt Fence	Lots 404-425		Removed	
Current Condition:	Removed-Lot 404 was sodd	led prior to 6/29/2016. Poo	d has been built out.		
Pod H	Silt Fence	Lots 455-473		Removed	
Current Condition:	Removed- Lot 460 was sode		rior to the inspection on 4/2		
Pod I	Silt Fence	Lots 346-355		Removed	
Current Condition:	Removed-Lot 355 was sodd	led prior to 8/18/2015 by 0	Celebrity Homes.		
Pod J	Silt Fence	Lots 381-394		Removed	
Current Condition:	Removed - Pod J is built out	t as of 8/12/2016.			
Pod K	Silt Fence	Lots 372-403		Removed	
Current Condition:	Removed - Celebrity Homes	s sodded lot 379 prior to 1	1/22/16 completing the pod	·	
Pod L	Silt Fence	Lots 371-356		Removed	
Current Condition:	Removed - Celebrity Homes	s sodded lots 364, and 36	1-359 completing the pod.		
SB 1	Sediment Basin	Outlot "M"	In Place	Active	No
Current Condition:	Good Condition-45% Filled.				
	the SID prior to inspection o	n 10/23/14. Vegetation wa	as 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 pri	or to inspection on 11/18/	U9.		
SB 3	Sediment Basin	School Lot 165	In Place	Active	No
Current Condition:	Good Condition-20% Filled				
Current Condition:	Good Condition-20% Filled				
Current Condition:	-Cleaned out 02/06				
Current Condition:	-Cleaned out 02/06	ater Falls Trail			
	-Cleaned out 02/06		10/2/2017	Active	No
CD 1	-Cleaned out 02/06 Clearw Check Dam	Northern side of site	10/2/2017 am prior to inspection on 12	Active 2/18/17.	No
CD 1 Current Condition:	-Cleaned out 02/06 Clearw Check Dam Good Condition - John Nav	Northern side of site arro installed the check da	am prior to inspection on 12	2/18/17.	
CD 1 Current Condition: EM 1	-Cleaned out 02/06 Clearway Check Dam Good Condition - John Nav Erosion Control Matting	Northern side of site arro installed the check da East side of site	am prior to inspection on 12 10/2/2017	2/18/17. Active	No
CD 1 Current Condition:	-Cleaned out 02/06 Clearw Check Dam Good Condition - John Nav	Northern side of site arro installed the check da East side of site	am prior to inspection on 12 10/2/2017	2/18/17. Active	No

Current Condition:	Fair Condition - BMP will be installed once grading has begun on site. John Navarro installed the erosion control matting prior to inspection on 1/17/18.				
	The erosion control matting is damaged near the inlet and needs to be repaired.				
	John Navarro was informed to complete by 3/13/18. Not done as of the last inspection. John Navarro was				
	reminded on 6/22/18.				
SF 1	Silt Fence	Southern side of site		Removed	
Current Condition:	Removed - BMP no longer l	peing recommended becau	use of stabilization of area.		
SF 2	Silt Fence	Southern side of site		Removed	
Current Condition:	Removed - BMP no longer l	peing recommended becau	use 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	11/27/2017	Pending	No
Current Condition:	Pending - Due to establish		ence will no longer be red		A will monitor.
IP 1	Inlet Protection	Southern side of site		Removed	
Current Condition:	Removed - BMP no longer l	peing recommended becau	use 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.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 48th and B	irchwood Drive		•	
Inspector Signature:			Reviewed By:	· se	