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Engineering Answers

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

E&A- P2005.198.000

Inspector: Branson Starns		Stage
Project Name:	Clearwater Falls NER110573	3
For Week Ending:	5/13/2017	
Project Location:	48th and Fairview Road- Bellevue, NE (Sarpy County)	68123

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	100%			
Utilities:	100%			
Overall Development:	87%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	
				Week 1
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.02"			
Thursday	0.04"			
Friday	0.60"	4/14/2017	70/56 Cloudy	
Saturday	0.05"			
				Week 2
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.20"			
Wednesday	0.51"			
Thursday	0.00"	4/20/2017	Rain 61/46	
Friday	0.00"			
Saturday	0.00"			
				Week 3
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.01"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.52"	4/28/2017	Rain 47/37	
Saturday	0.10"			
				Week 4
Sunday:	0.76"			
Monday	0.00"	5/1/2017	Rain 55/36	
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				Week 5
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	1.53"			
Thursday	0.00"	5/11/2017	S. Clouds 70/54	
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?

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.

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.

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);

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?

No- see BMP section.

Is 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.

Findings / Corrective Actions (Date):

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1.) Some maintenance is required in the BMP Section.

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 16	Individual Lot	Lot 16		Removed	
Current Condition:	Removed- Outlot B was seeded and matted by Horizon Homes prior to 5/27/2016.				
Lot 17	Individual Lot	Lot 17		Removed	
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 sodded the lot prior to inspection on 5/28/15.				
Lot 57	Silt Fence	Lot 57		Removed	
Current Condition:	Removed-Horizon Homes sodded the lot prior to inspection on 5/28/15.				
Lot 59	Individual Lot	Lot 59		Removed	
Current Condition:	Removed- Horizon Homes sodded the lot prior to 11/12/2015.				
Lot 60	Silt Fence	Lot 60		Removed	
Current Condition:	Removed- Horizon Homes sodded the lot prior to 11/1/16.				
Lot 69	Silt Fence	Lot 69	2/3/2017	Active	No
Current Condition:	Good Condition- Sherwood Homes started construction on the lot and installed silt fence in the rear of the lot prior to 1/27/17. The silt fence in the rear of the lot does not need extended further southward upon re-evaluation of the lot due to the grade. Inspector will continue to monitor the lot. Sherwood Homes paved the driveway and sidewalk prior to 5/11/17.				
Lot 76	Silt Fence	Lot 76		Removed	
Current Condition:	Removed- Lot was sodded by Proline Homes prior to 7/31/2015.				
Lot 80	Silt Fence	Lot 80		Removed	
Current Condition:	Removed- Horizon Homes sodded the lot prior to 6/11/2015.				
Lot 82	Silt Fence	Lot 82		Removed	
Current Condition:	Removed- Lot was sodded by Legacy Homes prior to 9/18/2015.				
Lot 88	Silt Fence	Lot 88		Removed	
Current Condition:	Removed- Legacy Homes sodded the lot prior to 11/22/16.				
Lot 89	Individual Lot	Lot 89		Removed	
Current Condition:	Removed- the Home Company sodded the lot prior to 11/1/16.				

Lot 132	Silt Fence	Lot 132		Removed	
Current Condition:	Removed- Regency Homes sodded the lot prior to 4/19/2015.				
Lot 155	Silt Fence	Lot 155		Removed	
Current Condition:	Removed- Regency Homes sodded the lot prior to 4/19/2015.				
Lot 209-210	Silt Fence	Lots 209-210		Removed	
Current Condition:	Removed- Celebrity Homes sodded the lot prior to 11/1/16. Celebrity Homes removed the remaining silt fence prior to 3/27/17.				
Lot 255	Individual Lot	Lot 255		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 6/24/15 inspection.				
Lot 256	Silt Fence	Lot 256		Removed	
Current Condition:	Removed- Regency Homes sodded the lot prior to 11/22/16.				
Lot 258	Silt Fence	Lot 258		Removed	
Current Condition:	Removed-Charleston Homes sodded the lot prior to inspection on 5/14/15.				
Lot 259	Silt Fence	Lot 259		Removed	
Current Condition:	Removed-Charleston Homes sodded the lot prior to inspection on 5/14/15.				
Lot 260	Individual Lot	Lot 260		Removed	
Current Condition:	Removed- Sherwood Homes sodded the lot prior to 5/27/2016.				
Lot 261	Individual Lot	Lot 261		Removed	
Current Condition:	Removed- Sherwood Homes sodded the lot prior to 5/27/2016.				
Lot 272	Silt Fence	Lot 272		Removed	
Current Condition:	Removed- Dean Vogel sodded the lot prior to 8/12/2016.				
Lot 273	Silt Fence	Lot 273		Removed	
Current Condition:	Removed- Sherwood Homes sodded the lot prior to 5/11/17.				
Lot 274	Silt Fence	Lot 274		Removed	
Current Condition:	Removed- Regency Homes sodded the lot prior to 12/14/16.				
Lot 275	Temporary Seeding	Lot 275	4/20/2017	Pending	No
Current Condition:	Pending- Dean Vogel disturbed soils on the lot from past construction on lot 276. Due to a dense vegetative buffer in the rear of the lot the inspector will not recommend seeding at this time, inspector will continue to monitor the lot.				
Lot 276	Silt Fence	Lot 276		Removed	
Current Condition:	Removed- Dean Vogel sodded the lot prior to 4/14/2017.				
Lot 277	Silt Fence	Lot 277		Removed	
Current Condition:	Removed- the lot was mistaken as lot 276 This was already sodded.				
Lot 280	Silt Fence	Lot 280	3/6/2017	Active	No
Current Condition:	Good Condition- Sherwood Homes entrenched the silt fence along the side/rear of the lot prior to 3/27/17. Sherwood Homes paved the sidewalk and driveway prior to 5/11/17.				
Lot 281	Silt Fence	Lot 281		Removed	
Current Condition:	Removed- Dean Vogel sodded the lot prior to 8/12/2016 and removed the silt fence prior to 8/20/2016.				
Lot 284	Silt Fence	Lot 284		Removed	
Current Condition:	Removed- Sherwood Homes sodded the lot prior to 5/27/2016.				
Lot 282	Silt Fence	Lot 282		Removed	
Current Condition:	Removed- Oakwood Homes removed the silt fence in the rear prior to 7/26/2015.				
Lot 285	Silt Fence	Lot 285		Removed	
Current Condition:	Removed- Sherwood Homes sodded the lot prior to 5/11/17.				
Lot 286	Silt Fence	Lot 286		Removed	
Current Condition:	Removed-Sherwood Homes sodded the lot prior to inspection on 7/8/15.				
Lot 294	Silt Fence	Lot 294	3/31/2017	Active	No
Current Condition:	Good Condition- Sherwood Homes installed silt fence in the rear and along the south side of the lot prior to 3/31/17. Construction started prior to 4/20/17.				
Lot 300	Silt Fence	Lot 300		Removed	
Current Condition:	Removed- Pinecrest Homes sodded the lot prior to 7/31/2015.				
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	11/1/2016	Active	No
Current Condition:	Good Condition- Sherwood Homes removed the stockpile from the ROW prior to 12/14/16.				
Lot 314	Silt Fence	Lot 314	5/11/2017	Active	No
Current Condition:	Good Condition- THC installed silt fence along the rear and north side of the lot prior to 5/11/17.				
Lot 315	Silt Fence	Lot 315		Removed	
Current Condition:	Removed- Legacy Homes sodded the lot prior to 11/22/16.				
Lot 316	Silt Fence	Lot 316	4/21/2017	Pending	Yes

Current Condition:	Pending- THC removed the dirt stockpile from the ROW prior to 5/1/17.				
	Silt fence needs installed along the rear of the lot.				
	THC was informed to complete by 4/21/2017. Not done as of last inspection.				
Lot 319	Silt Fence	Lot 319		Removed	
Current Condition:	Removed-Sherwood Homes sodded the lot prior to 9/13/2016.				
Lot 324	Silt Fence	Lot 324		Removed	
Current Condition:	Removed-Sherwood Homes sodded the lot prior to inspection on 7/8/15.				
Lot 325	Silt fence	Lot 325		Removed	
Current Condition:	Removed- Lot was sodded by Sherwood Homes prior to 11/17/2015.				
Lot 326	Silt Fence	Lot 326		Removed	
Current Condition:	Removed-Sherwood Homes sodded the lot prior to inspection on 7/16/15.				
Lot 328	Silt Fence	Lot 328		Removed	
Current Condition:	Removed-Oakwood Homes removed silt fence and sodded the lot prior to inspection on 5/4/15.				
Lot 329	Silt Fence	Lot 329	3/6/2017	Active	Yes
Current Condition:	Fair Condition- Regency Homes removed the dirt stockpile from the ROW prior to 5/11/17 and installed a gator guard along the front of the lot.				
	Silt fence needs to be repaired on the front.				
	Regency Homes was informed to complete by 5/5/2017. Not done as of last inspection.				
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 Homes sodded the lot prior to 10/6/16.				
Lot 337	Silt Fence	Lot 337		Removed	
Current Condition:	Removed-Sherwood Homes removed the silt fence and sodded the lot prior to inspection on 5/28/15.				
Lot 344	Silt Fence	Lot 344		Removed	
Current Condition:	Removed- the Home Company sodded the lot prior to 11/1/16.				
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- Lot 385 was sodded by Celebrity Homes and the silt was removed from behind lot 383 prior to 5/27/2016. Lot 383 was sodded and the silt fence was repaired on the sides of 386 prior to 6/29/2016. Lot 386 was sodded prior to 8/12/2016. Pod J is built out as of 8/12/2016.				
Pod K	Silt Fence	Lots 372-403		Removed	
Current Condition:	Removed-Celebrity Homes installed new silt fence on lot 379 prior to 9/13/2016 and removed silt fence on the front of lots 380, 378-376 prior to 9/13/2016. Lot 380, 376, and 377 were sodded prior to 9/26/16. Lot 378 was sodded by Celebrity Homes prior to 11/1/16. The silt fence on the front of lot 379 isn't needed anymore due to completion of the sidewalk as of 11/1/16. Celebrity Homes sodded lot 379 prior to 11/22/16 completing the pod.				
Pod L	Silt Fence	Lots 371-356		Removed	
Current Condition:	Removed- Silt fence was repaired in the rear of lot 360 prior to 9/13/2016 by Celebrity Homes. Lot 365 was sodded prior to inspection on 9/26/16. Silt fence was reinstalled on the front of lots 359, and 364, and repaired on the front of lot 360 prior to inspection on 9/26/16 by Celebrity Homes. Lot 262, and 263 were sodded by Celebrity Homes prior to 11/1/16. Celebrity Homes removed the silt fence behind lots 359-364 and on the front of the lots prior to 11/1/16 presumably in preparation for sodding as the lots were fine graded; inspector will monitor for sodding of the lots. 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-45% Filled. Vegetation was removed from the basin and the slopes were seeded and matted by the SID prior to inspection on 10/23/14.				
SB 3	Sediment Basin	School Lot 165	In Place	Active	No
Current Condition:	Good Condition-20% Filled -Cleaned out 02/06				
SB 5	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.				
STR	Street Cleaning	streets	5/1/2007	Active	No

Current Condition:	Good Condition- THC cleaned the streets along lot 314 prior to 4/20/17. Regency Homes cleaned the streets in front of lot 329 prior to 5/11/17.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 48th and Birchwood Drive				
Inspector Signature: <i>Bramson Stevens</i>	Reviewed By: <i>Robert J. ...</i>				