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Engineering Answers

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E & A CONSULTING GROUP, INC.
 ENGINEERING • PLANNING • ENVIRONMENTAL & FIELD SERVICES

E&A- P2005.198.000

Inspector: Patrick Sechser		Stage II
Project Name:	Clearwater Falls NER110573	
For Week Ending:	5/23/2015	
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:	66%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	
				Week 1
Sunday:	0.20"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.21"			
Thursday	0.82"	05/14/15	69/53 Light Rain	
Friday	0.21"			
Saturday	0.16"			
				Week 2
Sunday:	0.12"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.06"			
Thursday	0.00"			
Friday	0.01"			
Saturday	0.05"			
				Week 3
Sunday:	N/A	N/A	N/A	
Monday	N/A	N/A	N/A	
Tuesday	N/A	N/A	N/A	
Wednesday	N/A	N/A	N/A	
Thursday	N/A	N/A	N/A	
Friday	N/A	N/A	N/A	
Saturday	N/A	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.

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?

No. See BMP section

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

Is dust associated with the construction activity adequately controlled on the site?

Yes

Comments:

Comments:

Celebrity Homes is actively building in the South part of the development. Home Construction is active in the North part of the development by various builders. A rain inspection was performed on 5/4/15 following the rain on 5/2/15 and 5/3/15 totaling 0.53".

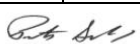
Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):

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

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CW 5	Concrete Washout	Lot 387	5/12/2014	Active	No
Current Condition:	Good Condition- Celebrity Homes cleaned out the washout pit prior to the inspection on 4/15/2015.				
Lot 17	Individual Lot	Lot 17	4/2/2015	Active	No
Current Condition:	Active- Excavation has begun by Newport Homes prior to 4/2/2015. Due to the vegetated buffer strip in the rear of the lot, BMPs are presently not needed at this moment. E&A will continue to monitor.				
Lot 54	Silt Fence	Lot 54	6/18/2014	Active	Yes
Current Condition:	Active- Due to the removal of the perimeter Silt Fence, sod is needed. Homeowner Nick Peterson was informed to complete sod install by 12/2/2014 permitting weather conditions. Not completed as of the last inspection. Nick Peterson was reminded again on 4/15/2015.				
Lot 57	Silt Fence	Lot 57	8/11/2014	Active	Yes
Current Condition:	Active- Lot needs to be sodded. Horizon Homes was informed to sod the lot by 5/9/2015. Not done as of last inspection.				
Lot 76	Silt Fence	Lot 76	6/27/2014	Active	Yes
Current Condition:	Fair Condition- Silt fence needs to be patched and retied in the rear. Proline Homes was informed to complete by 3/25/2015. Not completed as of the last inspection.				
Lot 80	Silt Fence	Lot 80	8/23/2014	Active	No
Current Condition:	Good Condition-Horizon Homes repaired the silt fence on the side, in the rear corner and reinstalled additional silt fence in the rear corner prior to the inspection on 3/18/2015.				
Lot 82	Silt Fence	Lot 82	4/15/2015	Active	No
Current Condition:	Good Condition- Silt fence was installed on the front, side and rear by Legacy Homes prior to the inspection on 4/15/2015.				
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 255	Silt Fence	Lot 255	8/4/2014	Active	Yes
Current Condition:	Active- Lot needs to be sodded. Legacy Homes was informed to sod the lot by 3/31/2015. Not completed as of the last inspection.				
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 279	Silt Fence	Lot 279	7/15/2014	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>Silt Fence is full in the SE corner as of inspection on 10/23/14.</p> <p>Charleston Homes was requested to clean out the SF by 10/30/14. Not completed as of the last inspection. CH was reminded again on 12/29/2014, 3/18/2015, 4/3/2015.</p>				
Lot 282	Silt Fence	Lot 282	4/2/2015	Active	Yes
Current Condition:	<p>Good Condition- Oakwood Homes sodded the lot prior to inspection on 5/4/15.</p> <p>The silt fence can be removed.</p> <p>Oakwood Homes was requested to remove the silt fence. No date was given due to the silt fence being in good condition.</p>				
Lot 286	Silt Fence	Lot 286	12/2/2014	Active	No
Current Condition:	<p>Good Condition- Sherwood Homes installed SF in the rear of the lot prior to the inspection on 12/2/2014. Dirt was removed from the ROW by Sherwood Homes prior to the inspection on 3/4/2015.</p>				
Lot 300	Silt Fence	Lot 300	12/23/2014	Active	No
Current Condition:	<p>Active- Due to the vegetated buffer behind the lot, SF is not needed at this time by Pinecrest Homes. E&A inspector will monitor.</p>				
Lot 324	Silt Fence	Lot 324	8/30/2014	Active	Yes
Current Condition:	<p>Fair Condition-</p> <p>Silt fence needs to be reinstalled on the front of the lot.</p> <p>Sherwood Homes was informed to complete by 5/14/15. Not done as of last inspection.</p>				
Lot 326	Silt Fence	Lot 326	1/14/2015	Active	Yes
Current Condition:	<p>Fair Condition-</p> <p>Silt fence needs to be reinstalled on the front of the lot.</p> <p>Sherwood Homes was informed to complete by 5/14/15. Not done as of last inspection.</p>				
Lot 328	Silt Fence	Lot 328		Removed	
Current Condition:	<p>Removed-Oakwood Homes removed silt fence and sodded the lot prior to inspection on 5/4/15.</p>				
Lot 329	Temp. Seeding	Lot 329	5/21/2015	Pending	Yes
Current Condition:	<p>Pending</p> <p>The lot was disturbed during construction on lot 328.</p> <p>Oakwood Homes was requested to seed the lot by 5/21/15. Not done as of last inspection.</p>				
Lot 337	Silt Fence	Lot 337	8/30/2014	Active	Yes
Current Condition:	<p>Fair Condition- Sherwood Homes repaired the silt fence prior to inspection on 5/4/15.</p> <p>The silt fence should be extended to the south as of inspection on 5/4/15 and 5/7/15.</p> <p>Sherwood Homes was requested to extend the silt fence by 5/14/15. Not done as of last inspection.</p>				
Pod F	Silt Fence	Lots 426-454	11/8/2012	Active	Yes
Current Condition:	<p>Fair Condition- Celebrity Homes retied the silt fence to the posts on lot 427 & installed silt fence on the front of lot 430 prior to 4/15/2015. Celebrity Homes repaired the silt fence on lot 430 and installed silt fence on lot 430 prior to 4/19/2015.</p> <p>1) Silt fence needs to be reinstalled on lot 430. 2) Gator Guard should be installed on the front of lot 428.</p> <p>1) Celebrity Homes was informed to complete by 5/2/2015. Not done as of last inspection. Celebrity Homes was reminded on 5/9/15. 2) Celebrity Homes was requested to install Gator Guard by 5/14/15. Not done as of last inspection.</p>				
Pod G	Silt Fence	Lots 404-425	4/8/2014	Active	Yes
Current Condition:	<p>Fair Condition- Celebrity Homes has begun construction on lots 402, 410, 413 as of inspection on 5/4/15; currently, these lots do not need BMPs due to vegetated buffers and topography.</p> <p>1) Silt fence needs to be repaired on the corner of lot 423. 2) Silt fence should be installed on the front of lot 424 as of inspection on 5/4/15 and 5/7/15.</p> <p>1) Celebrity Homes was informed to complete by 5/2/2015. Not done as of last inspection. Celebrity Homes was reminded on 5/9/15. 2) Celebrity Homes was requested to install silt fence by 5/14/15. Not done as of last inspection.</p>				

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	11/18/2014	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>Silt fence needs to be retied to the posts behind lot 355, and a BMP should be installed on the east side as of inspection on 5/4/15 and 5/7/15.</p> <p>Celebrity Homes was requested to retie the silt fence 5/14/15. Not done as of last inspection.</p>				
Pod J	Silt Fence	Lots 381-394	11/18/2014	Active	Yes
Current Condition:	<p>Fair Condition- Celebrity Homes removed the debris from lot 394; sodded lot 389 and cleaned out/repared the silt fence on the south side of lot 388 prior to 4/19/2015.</p> <p>Celebrity Homes sodded lots 394-391 prior to 4/25/2015.</p> <p>1) Silt fence on the side of lot 388 needs to be cleaned out and repaired. 2) Silt fence should be installed on the southwest corner of lot 390 as of inspection on 5/4/15 and 5/7/15.</p> <p>1) Celebrity Homes was informed to complete by 5/2/2015. Not done as of last inspection. Celebrity Homes was reminded on 5/9/15. 2) Celebrity Homes was requested to install silt fence by 5/14/15. Not done as of last inspection.</p>				
Pod K	Silt Fence	Lots 372-403	4/9/2015	Active	No
Current Condition:	Good Condition- Celebrity Homes installed silt fence on lot 395 prior to the inspection on 4/15/2015.				
SB 1	Sediment Basin	Outlot "M"	In Place	Active	No
Current Condition:	Good Condition-30% 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	48th Street & Interior streets	5/1/2007	Active	No
Current Condition:	Good Condition-No major signs of track out. Pinecrest and Celebrity Homes cleaned streets prior to inspection on 5/14/15.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 48th and Birchwood Drive				
Inspector Signature:			Reviewed By: 