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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 Winter
Project Name:	Clearwater Falls NER110573	
For Week Ending:	2/28/2015	
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:	0.00"			
Monday:	0.00"			
Tuesday:	0.00"	02/17/15	24/12 Partly cloudy	
Wednesday:	0.00"			
Thursday:	0.00"			
Friday:	0.00"			
Saturday:	0.00"			
				Week 2
Sunday:	0.00"			
Monday:	0.00"			
Tuesday:	0.00"			
Wednesday:	0.07"			
Thursday:	0.00"			
Friday:	0.00"			
Saturday:	0.00"			
				Week 3
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		
				Week 4
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		
				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.

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

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. **Site was covered with light snow as of the inspection on 2/17/2015.**

Findings / Corrective Actions (Date):
Findings / Corrective Actions (Date):
 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 12/2/2014.				
Lot 54	Silt Fence	Lot 54	6/18/2014	Active	Yes
Current Condition:	Active- Due to the removal of the perimeter SF, 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.				
Lot 57	Silt Fence	Lot 57	8/11/2014	Active	Yes
Current Condition:	Fair Condition- 1.) SF is needed in the rear of the lot due to the new excavation. 2.) SF needs to be entrenched on the North side of the lot. 3.) SF is ripped on the side of the lot as of inspection on 9/24/14. 4.) Additional SF is torn on the north side and needs repair as of 2/17/2015. 1.) Horizon Homes was requested to install silt fence by 8/11/14. Not done as of last inspection. Horizon Homes was reminded again on 9/11/2014, 11/6/2014, 2/18/2015. 2.) Horizon Homes was requested to complete silt fence maintenance by 9/17/2014. Not done as of last inspection. Horizon Homes was reminded again on 11/6/2014, 2/18/2015. 3.) Horizon Homes was requested to repair the ripped SF by 10/1/14. Not done as of last inspection. Horizon Homes was reminded again on 11/6/2014, 2/18/2015. 4.) Horizon Homes was informed to repair by 2/24/2015.				
Lot 76	Silt Fence	Lot 76	6/27/2014	Active	No
Current Condition:	Good Condition- Proline Homes installed SF in the rear and side of the lot prior to the inspection on 6/27/2014.				
Lot 80	Silt Fence	Lot 80	8/23/2014	Active	Yes
Current Condition:	Fair Condition-Silt fence was installed on the North side of the lot by Horizon Homes prior to inspection on 8/23/14. 1.) SF is needed in the rear of the lot. 2.) SF is damaged in the NW corner and needs repair as of 2/17/2015. 3.) SF is torn in multiple areas on the north side and needs repair as of 2/17/2015. 1.) Horizon Homes was requested to install silt fence by 9/17/2014. Not done as of last inspection. Horizon Homes was reminded again on 11/6/2014, 2/18/2015. 2.) Horizon Homes was informed to repair by 2/24/2015. 3.) Horizon Homes was informed to repair by 2/24/2015.				
Lot 132	Silt Fence	Lot 132	8/11/2014	Active	No
Current Condition:	Good Condition- Regency Homes installed erosion eels in the front corner of the lot prior to the inspection on 12/2/2014.				
Lot 155	Silt Fence	Lot 155	8/11/2014	Active	Yes

Current Condition:	Fair Condition- SF needs to be retied to the posts on the East side of the lot as of 2/17/2015. Regency Homes was informed to complete by 2/24/2015.				
Lot 255	Silt Fence	Lot 255	8/4/2014	Active	No
Current Condition:	Active- Due to the vegetated buffer behind the lot, SF is no longer needed as of the inspection on 11/5/2014 by Legacy Homes.				
Lot 258	Individual Lot	Lot 258	10/14/2014	Pending	Yes
Current Condition:	Pending-Charleston Homes removed the stockpile prior to the inspection on 11/5/2014. SF or wattles are needed in the front of the lot. Charleston Homes was requested to install a BMP by 11/12/2014. Not completed as of the last inspection. CH was reminded again on 12/29/2014.				
Lot 259	Individual Lot	Lot 259	10/14/2014	Pending	Yes
Current Condition:	Pending-Charleston Homes removed the stockpile prior to the inspection on 11/5/2014. SF or wattles are needed in the front of the lot. Charleston Homes was requested to install a BMP by 11/12/2014. Not completed as of the last inspection. CH was reminded again on 12/29/2014.				
Lot 279	Silt Fence	Lot 279	7/15/2014	Active	Yes
Current Condition:	Fair Condition SF is full in the SE corner as of inspection on 10/23/14. 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.				
Lot 282	Silt Fence	Lot 282	1/21/2015	Pending	Yes
Current Condition:	Pending- Dirt was removed from the ROW prior to the inspection on 2/17/2015. SF is needed in the rear of the lot. Oakwood Homes was informed to complete by 1/21/2015. Not completed as of the last inspection.				
Lot 286	Silt Fence	Lot 286	12/2/2014	Active	Yes
Current Condition:	Fair Condition- Sherwood Homes installed SF in the rear of the lot prior to the inspection on 12/2/2014. Dirt needs to be removed from the ROW. Sherwood Homes was informed to remove the dirt from the ROW by 12/9/2014. Not completed as of the last inspection.				
Lot 300	Silt Fence	Lot 300	12/23/2014	Active	No
Current Condition:	Active- Due to the vegetated buffer behind the lot, SF is not needed at this time by Pinecrest Homes. E&A inspector will monitor.				
Lot 324	Silt Fence	Lot 324	8/30/2014	Active	No
Current Condition:	Good Condition-Sherwood Homes retied the SF prior to inspection on 10/14/14.				
Lot 326	Silt Fence	Lot 326	1/14/2015	Active	No
Current Condition:	Good Condition- SF was installed on the front and south side by Sherwood Homes prior to the inspection on 1/14/2015.				
Lot 328	Silt Fence	Lot 328	12/15/2014	Active	Yes
Current Condition:	Fair Condition- SF was installed on the front and side by Oakwood Homes prior to the inspection on 12/15/2014. SF on the side of the lot needs to be retied to the posts as of 1/14/2015. Oakwood Homes was informed to complete by 1/21/2015. Not completed as of the last inspection.				
Lot 337	Silt Fence	Lot 337	8/30/2014	Active	Yes
Current Condition:	Fair Condition- Sherwood Homes removed the stockpile from the ROW prior to inspection on 10/23/14. SF needs repaired on the North end due to power installation as of inspection on 10/23/14. Sherwood Homes was requested to repair SF by 10/30/14. Not completed as of the last inspection. Sherwood Homes was reminded again on 12/2/2014.				
Pod F	Silt Fence	Lots 426-454	11/8/2012	Active	Yes
Current Condition:	Fair Condition- Celebrity Homes retied the SF to the posts on the south side of lot 454 and lots 427 prior to the inspection on 2/17/2015. 1.) SF needs to be tied to the posts on the front, side and rear of lots 427 and 428. 2.) SF needs to be re-tied to the posts on the north and west sides of lot 454. 1.) Celebrity Homes was informed to complete by 2/24/2015. 2.) Celebrity Homes was informed to complete by 2/24/2015.				
Pod G	Silt Fence	Lots 404-425	4/8/2014	Active	Yes

Current Condition:	Fair Condition- Celebrity Homes reinstalled the SF on the side of lot 422 prior to the inspection on 2/17/2015. Excavation has begun on lot 406, but BMPs are not currently needed to the lot being flat as of 2/17/2015. SF needs to be repaired on the north, front side of lot 422. Celebrity Homes was informed to complete by 2/24/2015.				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	No
Current Condition:	Good Condition-Erosion eels were reinstalled on the front of lot 460 prior to the inspection on 2/17/2015 by Celebrity Homes.				
Pod I	Silt Fence	Lots 346-355	11/18/2014	Active	No
Current Condition:	Good Condition-Silt Fence was cleaned out on lot 355 prior to the inspection on 2/17/2015 by Celebrity Homes.				
Pod J	Silt Fence	Lots 381-394	11/18/2014	Active	Yes
Current Condition:	Fair Condition-Silt fence was repaired on lots 394 and 391 by Celebrity Homes prior to the inspection on 2/17/2015. 1.) SF needs to be reinstalled and extended to the east on the south side of lot 388. 2.) SF needs to be cleaned out at the end of 43rd Street. 1.) Celebrity Homes was informed to complete by 12/9/2014. Not completed as of the last inspection. Celebrity Homes was reminded again on 1/14/2015, 2/18/2015 . 2.) Celebrity Homes was informed to complete by 1/21/2015. Not completed as of the last inspection. Celebrity Homes was reminded again on 2/18/2015.				
SB 1	Sediment Basin	N41d00m00s W96d00m00s	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	N41d00m00s W96d00m00s	In Place	Active	No
Current Condition:	Good Condition-20% Filled -Cleaned out 02/06				
SB 5	Sediment Basin	N41d00m00s W96d00m00s	11/17/2009	Active	No
Current Condition:	Good Condition- 15% Filled - JC Excavating installed prior to inspection on 11/18/09.				
STR	Street Cleaning	N41d00m00s W96d00m00s	5/1/2007	Active	No
Current Condition:	Good Condition- 43rd Street was cleaned up by Celebrity Homes prior to the inspection on 2/17/2015.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 48th and Birchwood Drive				
Inspector Signature:			Reviewed By: 