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Engineering Answers

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

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

**E&A- P2005.198.000**

Inspector: Patrick Sechser		Stage 2
Project Name:	<b>Clearwater Falls NER110573</b>	
For Week Ending:	<b>11/9/2013</b>	
Project Location:	<b>48th and Fairview Road- Bellevue, NE (Sarpy County)</b>	<b>68123</b>

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	85%			
Paving:	80%			
Seeding:	70%			
Utilities:	75%			
Overall Development:	45%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected			
					<b>Week 1</b>
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.25"	10/29/13			
Wednesday	0.32"				
Thursday	0.00"				
Friday	0.05"				
Saturday	0.00"				
					<b>Week 2</b>
Sunday:	0.00"				
Monday	0.00"				
Tuesday	1.17"				
Wednesday	0.00"	11/06/13			
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					<b>Week 3</b>
Sunday:	N/A				
Monday	N/A				
Tuesday	N/A				
Wednesday	N/A				
Thursday	N/A				
Friday	N/A				
Saturday	N/A				

Complaints:	None				
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**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).  
 Paving operations completed on 10/29/2013 on 42nd Avenue & 43rd Street by Luxa Construction.

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).  
 Paving operations completed on 10/29/2013 on 42nd Avenue & 43rd Street by Luxa Construction.

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)

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. Grading and paving operations have ceased on 42nd Avenue & 43rd Street by Luxa Construction as of inspection on 10/29/2013. Fuel container from Luxa Construction remains bermed on site as of inspection on 10/29/2013 and removed from site prior to the inspection on 11/6/2013.

**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
CE 1	Construction Entrance	N41d00m00s W96d00m00s	5/5/2013	Active	Yes
<b>Current Condition:</b>	<p>Poor Condition- 60% Effectiveness</p> <p>Construction entrance is in poor condition and due to the streets being installed it is no longer needed and it needs to be removed.</p> <p>Boyer Young was given a plan requesting to have the entrance removed by 8/5/11. On 9/21/11, 11/21/11 and again on 3/2/2013 Boyer Young was reminded that maintenance needs to be completed ASAP. Maintenance not completed as of last inspection.</p>				
CW 3	Concrete Washout	Lot 348		Removed	
<b>Current Condition:</b>	<p>Removed-</p> <p>Bob w/ Celebrity Homes removed washout pit prior to inspection on 8/27/2013.</p>				
CW 4	Concrete Washout	Lot 414	8/27/2013	Active	Yes
<b>Current Condition:</b>	<p>Fair condition-</p> <p>Washout pit needs to be cleaned out.</p> <p>Bob with Celebrity was informed to complete by 10/22/2013. Not completed as of last inspection. Bob w/ Celebrity Homes was reminded on 10/30/2013 and on 11/8/2013.</p>				
Lot 26	Silt Fence	Lot 26		Removed	
<b>Current Condition:</b>	<p>Removed-</p> <p>Lot was sodded by Horizon Homes prior to the inspection on 10/29/2013.</p>				
Lot 27	Silt Fence	Lot 27		Removed	
<b>Current Condition:</b>	<p>Removed-</p> <p>Lot was sodded by Horizon Homes prior to the inspection on 10/29/2013.</p>				
Lot 30	Silt Fence	Lot 30	5/3/2013	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-</p> <p>Horizon Homes removed the SF check on the NE corner for sidewalk installation prior to the 11/6/2013 inspection.</p> <p>Eastern perimeter SF needs to be re-entrenched and silt needs to be removed from the adjoining yard.</p> <p>Horizon Homes was informed to complete maintenance by 11/13/2013.</p>				
Lot 55	Silt Fence	Lot 55		Removed	
<b>Current Condition:</b>	<p>Removed</p> <p>Lot was sodded prior to inspection on 7/16/13 by The Home Company.</p>				
Lot 56	Silt Fence	Lot 56	7/16/2013	Active	No
<b>Current Condition:</b>	<p>Good Condition-</p> <p>Childers Custom Homes repaired 2 sections of SF behind the lot prior to the inspection on 10/29/2013.</p>				
Lot 264	Misc/other	lot 264	11/5/2013	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-</p> <p>Dirt needs to be removed from the ROW due to new excavation.</p> <p>Proline Homes was informed to remove the dirt pile by 11/5/2013. Not completed as of last inspection.</p>				
Lot 268	Misc/other	Lot 268		Removed	
<b>Current Condition:</b>	<p>Removed-</p> <p>Sherwood Homes sodded the lot prior to the inspection on 10/15/2013.</p>				

Lot 271	Silt Fence	Lot 271	10/2/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition- SF debris needs to be removed from the lot due to the installation of sidewalk. The Home Company was informed to complete maintenance by 11/13/2013.				
Lot 277	Silt Fence	Lot 277		Removed	
<b>Current Condition:</b>	Removed- Dumpster and PP were removed on site prior to 7/30/2013 by the Home Company due to sod installation.				
Lot 283	Silt fence	Lot 283	9/19/2013	Active	No
<b>Current Condition:</b>	Good Condition- Dirt was removed from the ROW prior to the inspection on 10/29/2013 by Sherwood Homes.				
Lot 286	Silt fence	Lot 286		Removed	
<b>Current Condition:</b>	Sherwood Homes installed sod prior to the inspection on 7/30/2013.				
Lot 287	Silt fence	Lot 287		Removed	
<b>Current Condition:</b>	Tom w/ The Home Company installed sod prior to the inspection on 7/30/2013.				
Lot 305	Silt Fence	Lot 305		Removed	
<b>Current Condition:</b>	Removed Silt fence was installed on the lot prior to inspection on 6/23/13 by Legacy Homes. Silt fence was removed from the lot prior to inspection on 7/8/13 by Legacy Homes due to sidewalk construction being active in the area.				
Lot 311	Silt Fence	Lot 311		Removed	
<b>Current Condition:</b>	Removed- Heavican Homes sodded the lot prior to the inspection on 8/13/2013.				
Lot 312	Silt Fence	Lot 312	4/8/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition- Debris was removed from front of lot by Banyan Homes prior to the inspection on 10/29/2013.  Silt fence is down/damaged and need repaired or replaced on SE and NE corners.  Banyan Homes was notified to complete by 7/23/13. Banyan homes was informed again on 7/30/2013 & on 8/14/2013 to complete ASAP. Banyan Homes was informed again on 9/3/2013 to complete ASAP. Maintenance not completed as of last inspection. Banyan Homes was informed again on 9/20/2013, 10/4/2013 and on 10/15/2013. Maintenance not completed as of last inspection.				
Lot 313	Silt Fence	Lot 313		Removed	
<b>Current Condition:</b>	Removed- Lot 313 was sodded by Showcase Homes prior to inspection on 8/27/2013. SF was removed prior to inspection on 9/11/2013 by Showcase Homes.				
Lot 322	Silt Fence	Lot 322	9/19/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition- Regency Homes installed SF along the entire Southern Perimeter prior to the inspection on 10/29/2013.  SE SF check needs repair.  Regency Homes was informed to complete SF maintenance by 11/13/2013.				
Lot 323	Misc/other	Lot 323		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Sherwood Homes prior to the inspection on 10/29/2013.				
Lot 327	Silt fence	Lot 327	9/19/2013	Active	No
<b>Current Condition:</b>	Good Condition- Dirt was removed from the ROW prior to the inspection on 10/29/2013 by Sherwood Homes.				
Lot 331	Silt Fence	Lot 331	7/16/2013	Active	Yes

<b>Current Condition:</b>	Fair Condition- NW piece of SF was removed for grading in the rear of the lot by Sherwood Homes prior to the inspection on 10/29/2013.  Sod needed on lot for final stabilizatn.  Sherwood Homes was informed to complete sod install by 11/5/2013. Not completed as of last inspection.				
Lot 333	Silt Fence	Lot 333		Removed	
<b>Current Condition:</b>	Removed- All of the torn and down silt fence was removed along the perimeter of the lot prior to inspection on 8/27/2013 by Regency Homes. Gator guards were removed along the perimeter and the house was sodded prior to inspection on 9/1/2013.				
Lot 339	Misc/other	Lot 339		Removed	
<b>Current Condition:</b>	Removed- Lot 338 items will be removed for pending home construction on lot 338 as of inspection on 10/29/2013. Seeding is no longer needed.				
Lot 341	Silt Fence	Lot 341		Removed	
<b>Current Condition:</b>	As of inspection on 6/15/13 the silt fence was removed to fine grade the lot by Castlebridge Homes. The lot was sodded prior to inspection on 6/23/13 by Castlebridge Homes.				
Lot 343	Silt Fence	Lot 343	9/19/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition-  1.) SF needs to be repaired in the NE corner of the perimeter. 2.) SF needs to be repaired in the SE corner of the perimeter. 3.) Wattles need to be cleaned out in the front of the lot.  1.) Charles Thomas Builders was informed to complete maintenance by 10/11/2013. Not completed as of last inspection. CTB was reminded again on 10/15/2013, 10/30/2013 & 11/6/2013. 2.) CTB was informed to complete maintenance by 11/5/2013. Not completed as of last inspection. CTB was reminded again on 11/6/2013. 3.) CTB was informed to complete maintenance by 11/5/2013. Not completed as of last inspection. CTB was reminded again on 11/6/2013.				
Outlot D	Misc/other	Outlot D		Removed	
<b>Current Condition:</b>	The disturbed area around the inlet has filled in as of inspection on 7/8/13.				
Pod A	Silt Fence	Lots 225-254	9/4/2012	Active	No
<b>Current Condition:</b>	Good Condition- SF was removed on front of lot 242, reinstalled on lot 241, and installed behind lot 242 and the side of lot 236 prior to the inspection on 10/29/2013 by Bob with Celebrity Homes.				
Pod B	Silt Fence	Lots 212-224		Removed	
<b>Current Condition:</b>	All lots in this Pod have been sodded as of inspection on 6/25/11.				
Pod C	Silt Fence	Lots 175-183; 474-480		Removed	
<b>Current Condition:</b>	Silt fence on lots 474-480 have been removed due to the lots being sodded prior to inspection on 10/14/12 by Dave Hausman/Celebrity Homes. All other remaining lots in this pod has been sodded.				
Pod D	Silt Fence	Lots 199-210		Removed	
<b>Current Condition:</b>	All remaining lots in this pod have been sodded prior to inspection on 9/28/12 by Dave Hausman/Celebrity Homes.				
Pod E	Silt Fence	Lots 184-198		Removed	
<b>Current Condition:</b>	Lot 194 was sodded prior to inspection on 5/21/13 by Dave Hausman/Celebrity Homes. All lots in this Pod have been built out.				
Pod F	Silt Fence	Lots 426-454	11/8/2012	Active	Yes
<b>Current Condition:</b>	Fair condition- SF was installed on the front of lots 450 and 451 prior to the inspection on 10/29/2013 by Bob with Celebrity Homes; and lot 449 was sodded.  1.) SF behind lots 432 and 433 need to be removed and the lots need to be sodded. 2.) SF check on South side of lot 450 needs to be removed due to paving.  1.) Bob with Celebrity Homes was informed to complete maintenance by 11/5/2013. Not completed as of last inspection. Bob with Celebrity Homes was reminded again on 11/8/2013. 2.) Bob with Celebrity Homes was informed to complete maintenance by 11/5/2013. Not completed as of last inspection. Bob with Celebrity Homes was reminded again on 11/8/2013.				
Pod G	Misc/other	Lots 404-425	11/8/2012	Active	Yes

<b>Current Condition:</b>	<p>Fair Condition-</p> <p>Excavation has begun on lots 415-417 prior to the inspection on 10/29/2013 by Bob with Celebrity Homes. Due to dirt piles away from the ROW and flat lots, No BMPs are presently needed as of inspection on 10/29/2013.</p> <p>Concrete debris needs to be removed from in front of washout pit on lot 414 and on lot.</p> <p>Bob with Celebrity Homes was informed to complete by 9/3/2013. Celebrity Homes was informed again on 9/3/2013, 9/12/2013, 9/20/2013, 10/05/2013, 10/15/2013 and on 10/30/2013. Maintenance not completed as of last inspection. Bob with Celebrity Homes was reminded again on 11/8/2013.</p>				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-</p> <p>Bob with Celebrity Homes sodded lots, 461, 464, &amp; 455; installed SF on the front of lots 456; cleaned out SF behind lot 456 and cleaned out/repared SF behind lot 468 prior to the inspection on 10/29/2013. SF was removed and gator guard was reinstalled in front of lot 471; gator guard installed on front of lots 457-458 prior to the inspection on 11/6/2013 by Celebrity Homes.</p> <p>1.) SF removal needed behind lot 455 due to sodding of lot.  2.) Gator guard needs to be reinstalled on lots 457-458 in the front of the lots.  3.) SF needs to be repaired behind lot 458 as of inspection on 10/29/2013.  4.) SF needs to be cleaned out on the side of lot 469.  5.) Dirt piles need to be removed from ROW on lots 459 and 460.</p> <p>1.) Bob w/ Celebrity Homes was informed to complete maintenance by 11/5/2013. Not completed as of last inspection. Bob with Celebrity Homes was reminded on 11/8/2013.  2.) Bob w/ Celebrity Homes was informed to complete maintenance by 11/13/2013.  3.) Bob w/ Celebrity Homes was informed to complete maintenance by 11/5/2013. Bob with Celebrity Homes was reminded on 11/8/2013.  4.) Bob w/ Celebrity Homes was informed to complete maintenance by 10/11/2013. Not completed as of  5.) Bob w/ Celebrity Homes was informed to complete maintenance by 11/5/2013. Bob with Celebrity Ho</p>				
Pod I	Silt Fence	Lots 346-355	5/10/2013	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-</p> <p>Bob with Celebrity Homes removed the SF behind lots 350-354 prior to inspection on 10/15/2013.</p> <p>Concrete debris needs to be cleaned up from lot 354.</p> <p>Bob with Celebrity Homes was informed by 9/03/2013 to complete maintenance. Maintenance was not completed as of last inspection. Bob w/ Celebrity Homes was reminded that maintenance needs to be completed ASAP on 9/12/2013, 9/20/2013, 10/05/2013, 10/17/2013, 10/30/2013 &amp; on 11/8/2013.</p>				
SB 1	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
<b>Current Condition:</b>	<p>Good Condition-25% Filled</p> <p>Basin cleaned out was completed prior to inspection on 6/10/11 by Bob Roth.</p>				
SB 2	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	<p>Basin was removed and the outlet B area was seeded prior to inspection on 7/12/11 by Jochim.</p>				
SB 3	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
<b>Current Condition:</b>	<p>Good Condition-17% Filled</p> <p>-Cleaned out 02/06</p>				
SB 4	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	<p>Removed per Hill-Farrell construction.</p>				
SB 5	Sediment Basin	N41d00m00s W96d00m00s	11/17/2009	Active	No
<b>Current Condition:</b>	<p>Good Condition- 6% Filled</p> <p>- JC Excavating installed prior to inspection on 11/18/09.</p>				
SF 1	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	<p>silt fence was removed by Boyer Young due to dense vegetation and lack of construction in this area.</p>				
SF 2	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	<p>Removed for grading on 8/4/08</p>				
SF 3	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	<p>Removed due to home construction.</p>				
SF 4	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	<p>Removed due to home construction.</p>				

SF 5	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed due to home construction.				
SF 6	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed due to road construction				
SF 7	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Silt fence was removed prior to inspection on 6/23/13 by Boyer Young.				
SF 8	Silt Fence	N41d00m00s W96d00m00s	In Place	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition</p> <p>A few areas of the silt fence are down/damaged and need to be repaired or removed. As of inspection on 4/1/13 one section of the t-posts were removed and the silt fence needs to be removed also.</p> <p>Boyer Young was sent a plan requesting to repair this by 3/3/11. On 9/21/11, 11/21/11 and again on 4/2/2013 Boyer Young was reminded that maintenance needs to be completed ASAP. Maintenance not completed as of last inspection.</p>				
SF 9	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	As of inspection on 8/6/12 there is active home construction on the lots were this silt fence is located, therefore the maintenance on this silt fence is being moved to BMP Pod E and it will be the responsibility of the builder.				
SF 10	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	silt fence was removed by Boyer Young due to dense vegetation and lack of construction in this area.				
SF 11	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	silt fence was removed by Boyer Young due to dense vegetation and lack of construction in this area.				
SF 12	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed due to landscaping.				
SF A	Silt Fence	Lots 474-480		Removed	
<b>Current Condition:</b>	All this maintenance has been moved to Pod C in the BMP section.				
SF B	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Silt fence was removed prior to inspection on 5/10/13 by Dave Hausman/Celebrity Homes.				
STR	Street Cleaning	N41d00m00s W96d00m00s	5/1/2007	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-</p> <p>Streets were scraped in front of lot 271 by The Home Company; in front of lots 432-433, 464, 415, 455-456, 470, 460, 461 again, and on Birchwood Avenue by Bob with Celebrity Homes; and at the end of 43rd by Horizon Homes prior to the 10/29/2013 inspection.</p> <p>1.) Street cleaning needed in front of lots 432-433, 466, 471, 451-452, &amp; 456-460.  2.) Street cleaning needed in front of lot 343.  3.) Street cleaning needed along the curb line of lot 264.</p> <p>1.) Celebrity Homes was notified to clean up the streets on 10/30/2013. Not completed as of last inspection. Celebrity Homes was reminded again on 11/8/2013.  2.) Charles Thomas Builders was notified to clean up the streets on 10/30/2013. Not completed as of last inspection. CTB was reminded again on 11/8/2013.  3.) Proline Homes was notified to clean up the streets by 11/07/2013.</p>				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
<b>Current Condition:</b>	Good Condition: 48th and Birchwood Drive				
<b>Inspector Signature:</b>			<b>Reviewed By:</b> 