

E & A Consulting Group, Inc.  
 330 North 117th Street  
 Omaha, NE 68154-2509  
 tel 402.895.4700  
 fax 402.895.3599  
 www.eacg.com



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: Mike Jacobson, CISEC		Stage 2
Project Name:	<b>Clearwater Falls NER110573</b>	
For Week Ending:	<b>2/9/2013</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:	0.22"			
Monday	0.01"			
Tuesday	0.00"			
Wednesday	0.00"	01/30/13		
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
<b>Week 2</b>				
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.04"			
Saturday	0.01"			
<b>Week 3</b>				
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).

**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)

**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:**

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 Celebrity Homes is actively building in the South part of the development. Home Construction is active in the Northeast part of the development by a few builders.


**Findings / Corrective Actions (Date):**

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- 1) Some maintenance is required in the BMP Section.
- 2) The disturbed area in outlot C behind lots 472 and 473 needs to be re-seeded. Dave Hausman/Celebrity Homes was informed to complete maintenance by 12/29/12. Seeding of the area was not completed as of last inspection.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	N41d00m00s W96d00m00s	5/5/2010	Active	Yes
<b>Current Condition:</b>	<p>Poor Condition- 60% Effectiveness - Installed by Anchor Construction prior to inspection on 5/5/10</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 and again on 11/21/11 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	11/21/2011	Active	No
<b>Current Condition:</b>	<p>Good Condition Concrete washout was cleaned out prior to inspection on 7/9/12 by Tim Moore/Celebrity Homes.</p>				
Lot 17	Misc/other	Lot 17		Removed	
<b>Current Condition:</b>	<p>There concrete debris was cleaned up prior to inspection on 9/28/12 by the Home owner's association.</p>				
Outlot D	Misc/other	Outlot D	9/20/2012	Pending	Yes
<b>Current Condition:</b>	<p>Pending</p> <p>Due to a section of the trail being replaced in the outlot there is an area around the area inlet that needs to be stabilized.</p> <p>Home owner association was informed to complete maintenance by 9/20/12. On 10/15/12 E&amp;A Consulting Group Inc. SID manager Bob Czerwinski emailed the HOA and reminded them that seeding needs to be completed ASAP. On 10/31/12 the HOA sent an email to SID manager Bob Czerwinski informing him that they was going to inform the builder HBC to re-seed the area. Seeding was not completed as of last inspection.</p>				
Pod A	Silt Fence	Lots 225-254		Removed	
<b>Current Condition:</b>	<p>Lot 244 was sodded prior to inspection on 9/4/12 by Dave Hausman/Celebrity Homes. Silt fence on Lot 243 was removed due to the lot being fine graded prior to inspection on 9/4/12 by Dave Hausman/Celebrity Homes. Full Dumpster was removed from lot 242 prior to inspection on 9/4/12 by Dave Hausman/Celebrity Homes.</p>				
Pod B	Silt Fence	Lots 212-224		Removed	
<b>Current Condition:</b>	<p>All lots in this Pod have been sodded as of inspection on 6/25/11.</p>				
Pod C	Silt Fence	Lots 175-183; 474-480		Removed	
<b>Current Condition:</b>	<p>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.</p>				
Pod D	Silt Fence	Lots 199-210		Removed	
<b>Current Condition:</b>	<p>All remaining lots in this pod have been sodded prior to inspection on 9/28/12 by Dave Hausman/Celebrity Homes.</p>				
Pod E	Silt Fence	Lots 184-198	12/6/2011	Active	No
<b>Current Condition:</b>	<p>Good Condition Silt fence that is at the top of the slope on the back of lot 194 was repaired and additional silt fence was installed across the whole back of the lot at the top of the slope prior to inspection on 1/2/13 by Dave Hausman/Celebrity Homes.</p>				
Pod F	Silt Fence	Lots 426-454	11/8/2012	Active	No
<b>Current Condition:</b>	<p>Good Condition- Lots 445 was sodded and lot 336 had silt fence check installed on the lot prior to inspection on 1/16/13 by Dave Hausman/Celebrity Homes.</p>				
Pod G	Silt Fence	Lots 404-425	11/8/2012	Active	No
<b>Current Condition:</b>	<p>Good Condition A silt fence check was installed on the South side of the dirt stockpile prior to inspection on 11/8/12 by Dave Hausman/Celebrity Homes.</p>				

Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	No
<b>Current Condition:</b>	Good Condition- Silt fence is installed on the back of lot 488. Lots 472 and 473 was sodded prior to inspection on 12/15/12 by Dave Hausman/Celebrity Homes.				
SB 1	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
<b>Current Condition:</b>	Good Condition-11% Filled Basin cleaned out was completed prior to inspection on 6/10/11 by Bob Roth.				
SB 2	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Basin was removed and the outlet B area was seeded prior to inspection on 7/12/11 by Jochim.				
SB 3	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
<b>Current Condition:</b>	Good Condition-17% Filled				
SB 4	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed per Hill-Farrell construction.				
SB 5	Sediment Basin	N41d00m00s W96d00m00s	11/17/2009	Active	No
<b>Current Condition:</b>	Good Condition- 5% Filled - JC Excavating installed prior to inspection on 11/18/09.				
SF 1	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 2	Silt Fence	N41d00m00s W96d00m00s		Removed	No
<b>Current Condition:</b>	Removed for grading on 8/4/08				
SF 3	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed due to home construction.				
SF 4	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed due to home construction.				
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	In Place	Active	Yes
<b>Current Condition:</b>	Fair Condition A few areas of the silt fence are down/damaged and need to be repaired or removed.  Boyer Young was sent a plan requesting to repair this by 3/3/11. On 9/21/11 and again on 11/21/11 Boyer Young was reminded that maintenance needs to be completed ASAP. Maintenance not completed as of last inspection.				
SF 8	Silt Fence	N41d00m00s W96d00m00s	In Place	Active	Yes
<b>Current Condition:</b>	Fair Condition A few areas of the silt fence are down/damaged and need to be repaired or removed.  Boyer Young was sent a plan requesting to repair this by 3/3/11. On 9/21/11 and again on 11/21/11 Boyer Young was reminded that maintenance needs to be completed ASAP. Maintenance not completed as of last inspection.				
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	10/30/2009	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition</p> <p>There are a few areas of this silt fence that are full and need to be cleaned out. One area of silt fence is down/damaged and it needs to be repaired or removed.</p> <p>Boyer Young was sent a plan requesting to clean this out by 8/31/10. On 9/23/10, 2/23/11, 9/21/11 and again 11/21/11 Boyer Young was reminded that maintenance needs to be completed ASAP. Maintenance not completed as of last inspection.</p>				
STR	Street Cleaning	N41d00m00s W96d00m00s	5/1/2007	Active	No
<b>Current Condition:</b>	Good Condition- Tim Moore cleaned the streets prior to inspection on 11/8/12.				
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> 