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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:	Clearwater Falls NER110573	
For Week Ending:	8/24/2013	
Project Location:	48th and Fairview Road- Bellevue, NE (Sarpy County)	68123

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	0.00"	08/13/13		
Wednesday	0.02"			
Thursday	1.39"	08/15/13		
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	0.00"			
Saturday	0.00"			
<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
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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).

**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:**

**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.

**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	5/5/2010	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	11/21/2011	Active	No
<b>Current Condition:</b>	<p>Good Condition</p> <p>Maintenance was completed prior to inspection on 6/25/13 by Bob w/ Celebrity Homes.</p>				
Lot 26	Silt Fence	Lot 26	5/3/2013	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-</p> <p>SF installed on north side of lot 26 &amp; dumpster was emptied prior to inspection on 7/30/2013.</p> <p>Silt fence needs to be re-installed in the Northeast section of the lot where it was removed.</p> <p>Horizon Homes was informed to re-install silt fence by 8/7/2013. Maintenance not conducted on last inspection. Horizon Homes was informed to complete maintenance ASAP again on 8/14/2013.</p>				
Lot 27	Silt Fence	Lot 27	4/1/2013	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition</p> <p>1) One area of the front silt fence is down/damaged and it needs to be repaired. There is some silt going into the neighbor's yard and a few hay bales may need to be installed to help prevent the silt from going into the neighbor's yard or use an alternative BMP to prevent silt from running into the neighbors yard. 2) Silt fence needs to be installed on the front of the lot.</p> <p>1) Horizon Homes was informed to complete maintenance by 6/6/13. Maintenance not completed as of inspection on 6/5/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/12/13. Maintenance not completed as of inspection on 6/9/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/16/13. Maintenance not completed as of inspection on 6/15/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/22/13. A reminder was sent on 7/18/13 and 8/14/2013. Maintenance not completed as of last inspection. 2) Horizon Homes was informed to complete maintenance by 6/6/13. Maintenance not completed as of inspection on 6/5/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/12/13. Maintenance not completed as of inspection on 6/9/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/16/13. Maintenance not completed as of inspection on 6/15/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/22/13. A reminder was sent on 7/18/13 and 8/14/2013. Maintenance not completed as of last inspection.</p>				
Lot 30	Silt Fence	Lot 30	5/3/2013	Active	Yes
<b>Current Condition:</b>	<p>Good Condition</p> <p>Maintenance was completed prior to inspection on 6/23/13 by Horizon Homes.</p> <p>1) Silt fence needs to be installed on the front of the lot. 2) Silt fence has dirt piled on it and needs cleaned out.</p> <p>1) Horizon Homes was informed to complete maintenance by 6/6/13. Maintenance not completed as of inspection on 6/5/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/12/13. Maintenance not completed as of inspection on 6/9/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/16/13. Maintenance not completed as of inspection on 6/15/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/22/13. A reminder was sent on 7/18/13 and 8/14/2013. Maintenance not completed as of last inspection. 2) Horizon Homes was notified to complete maintenance by 7/23/13. Maintenance was not completed prior to last inspection. A reminder was sent on 8/14/2013.</p>				
Lot 55	Silt Fence	Lot 55		Removed	No
<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>	Good Condition- Silt fence was installed prior to inspection on 7/16/13 by Childers Custom Homes. Dirt in R.O.W was removed prior to inspection on 7/16/13 by Childers Custom Homes. Gator Guard was installed on front of lot prior to inspection on 7/16/13 by Childers Custom Homes.				
Lot 268	Misc/other	Lot 268	4/8/2013	Active	No
<b>Current Condition:</b>	Active home construction by Sherwood Homes- No BMP required at this time due to driveway and sidewalk in place. Silt fence is not needed on this lot currently.				
Lot 271	Silt Fence	Lot 271	8/20/2013	Pending	Yes
<b>Current Condition:</b>	SF Pending- Dirt in R.O.W needs to be removed and SF needed along the east and north sides of the lot. Gabe and Thomas with the Home Company were contacted to complete maintenance by 8/20/2013.				
Lot 277	Silt Fence	Lot 277		Removed	No
<b>Current Condition:</b>	Dumpster and PP were removed on site prior to 7/30/2013 by the Home Company due to sod installation.				
Lot 286	Silt fence	Lot 286		Removed	No
<b>Current Condition:</b>	Sherwood Homes installed sod prior to the inspection on 7/30/2013.				
Lot 287	Silt fence	Lot 287		Removed	No
<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	No
<b>Current Condition:</b>	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>	Pending 1) Silt fence is down/damaged and need repaired or replaced. 2) Construction debris on lot needs placed in dumpster. 1) Banyan Homes was notified to complete by 7/23/13. Not completed prior to last inspection. Banyan homes was informed again on 7/30/2013 & on 8/14/2013 to complete ASAP. 2) Banyan Homes was notified to complete by 7/23/13. Not completed prior to last inspection. Banyan homes was informed again on 7/30/2013 & on 8/14/2013 to complete ASAP.				
Lot 313	Silt Fence	Lot 313	4/10/2013	Active	No
<b>Current Condition:</b>	Good Condition- Silt fence was installed on the back of the lot prior to inspection on 4/10/13 by Showcase Homes.				
Lot 322	Silt Fence	Lot 322	7/23/2013	Pending	Yes
<b>Current Condition:</b>	SF Pending- 1.) Dirt in R.O.W needs to be removed from the front of the lot. 2.) SF needed along the north side of the lot. 1.) Regency Homes was contacted to remove dirt from the R.O.W by 8/20/2013. 2.) Regency Homes was contacted to install SF by 8/20/2013.				
Lot 323	Silt Fence	Lot 323	8/13/2013	Active	No

<b>Current Condition:</b>	Good Condition- Sherwood Homes installed silt fence along the front of the lot and removed dirt from R.O.W prior to inspection on 8/13/2013.				
Lot 331	Silt Fence	Lot 331	7/16/2013	Active	No
<b>Current Condition:</b>	Good Condition Silt fence was installed in back of the lot prior to inspection on 7/16/13 by Sherwood Homes. Dirt piles removed from in front of home. SF installed on the front of the lot and trash bin in use on site.				
Lot 333	Silt Fence	Lot 333	5/1/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition 1.) A few areas of the silt fence is down/damaged and full and it needs to be replaced and cleaned out. 2.) Gator guards need to be reinstalled along the perimeter. 3.) Torn, old silt fence along the southern perimeter needs to be removed,  1.) Regency Homes was informed to complete maintenance by 6/3/13. Maintenance not completed as of inspection on 5/31/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/6/13. Maintenance not completed as of inspection on 6/5/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/12/13. Maintenance not completed as of inspection on 6/9/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/16/13. Maintenance not completed as of inspection on 6/15/13 due to wet and muddy conditions another seven days is given to complete maintenance until 6/22/13. A reminder was sent on 7/18/13, 7/30/2013 and on 8/14/2013. Maintenance not completed as of last inspection. 2.) Regency Homes was informed to complete maintenance by 8/20/2013. 3.) Regency Homes was informed to complete maintenance by 8/20/2013.				
Lot 339	Silt Fence	Lot 339		Removed	Yes
<b>Current Condition:</b>	Tom with The Home Company sodded the lot prior to the inspection on 7/30/2013. 1.) A piece of SF needs to be removed from behind the home. 2.) Concrete rubble needs to be removed from next to the lot. 3.) The sides of the lot need to be overseeded.  1.) Gabe and Thomas with the Home Company were contacted to complete maintenance by 8/20/2013. 2.) Gabe and Thomas with the Home Company were contacted to complete maintenance by 8/20/2013. 3.) Gabe and Thomas with the Home Company were contacted to complete maintenance by 8/20/2013.				
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.				
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	Yes
<b>Current Condition:</b>	Fair Condition- SF still protecting drain between lots 237 & 241. SF was installed on front of lot 237, 241 and 242 prior to inspection on 8/13/2013 by Celebrity Homes. Dirt was removed from R.O.W by lots 235, 237, 241 and 242 prior to inspection on 8/15/2013. Trash dumpster was emptied prior to inspection on 8/15/2013. 1.) SF needed on front of lot 236. 2.) SF repair needed on lot 241. 3.) Trash pick up needed on lot 236.  1.) Celebrity Homes was notified to complete by 8/20/2013. 2.) Celebrity Homes was notified to complete by 8/20/2013. 3.) Celebrity Homes was notified to complete by 8/20/2013.				
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	No
<b>Current Condition:</b>	Fair condition. SF was repaired behind lots 435 prior to inspection on 8/13/2013 and trash was cleaned out prior to inspection on 8/15/2013 by Celebrity Homes.				
Pod G	Silt Fence	Lots 404-425	11/8/2012	Active	No
<b>Current Condition:</b>	Good Condition- SF functioning around stockpile. Concrete debris and washout on lot 417 was cleaned up by Celebrity Homes prior to 8/13/2013 inspection. Washout pit was also installed on lot 414 by Celebrity Homes prior to inspection on 8/13/2013.				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	Yes
<b>Current Condition:</b>	Fair Condition- Lot 468 was sodded prior to inspection on 8/13/2013 by Celebrity Homes.  1.) There is dirt piled on the silt fence of lots 455 and 456 and it needs to be cleaned out. 2.) Silt fence needed along lots 461-464. 3.) SF needed along the rear side of the lot 469. 4.) SF needed along the rear and front of lot 471.  1.) Bob w/ Celebrity Homes was informed to complete maintenance by 6/22/13. On 6/25/13 and 7/17/13 Bob w/ Celebrity Homes was reminded that maintenance needs to be completed ASAP on 7/30/2013 & on 8/14/2013. Maintenance not completed as of last inspection. 2.) Bob w/ Celebrity Homes was informed to install silt fence by 8/7/2013. Maintenance was not completed as of last inspection. Bob w/ Celebrity Homes was reminded that maintenance needs to be completed ASAP on 8/14/2013. 3.) Bob w/ Celebrity Homes was informed to install silt fence by 8/20/2013. 4.) Bob w/ Celebrity Homes was informed to install silt fence by 8/20/2013.				
Pod I	Silt Fence	Lots 346-355	5/10/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition- Dirt pile was removed from lot 353 that was next to R.O.W by Celebrity Homes prior to inspection on 8/13/2013.  1.) SF cleanout needed behind lot 353. 2.) SF repair needed along lot 348. Overseeding needed of lot 349.  1.) Bob with Celebrity Homes was informed by 8/22/2013 to cleanout the silt fence. 2.) Bob with Celebrity Homes was informed by 8/20/2013 to complete maintenance.				
SB 1	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
<b>Current Condition:</b>	Good Condition-25% 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 -Cleaned out 02/06				
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- 6% 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		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>	Fair Condition  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.  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.				
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>	<b>Fair Condition-</b> Streets were cleaned up in front of lot 322. Streets were also cleaned up in front of lot 241-242 by Celebrity Homes prior to inspection on 8/13/2013.  1) Street cleaning needed for in front of lots 348-353, 432-436, 461-464, 455-458. 2.) Street cleaning needed for in front of lot 333. 3.) Street cleaning needed on Clearwater Drive and 44th Street. 4.) Street cleaning needed in front of lot 268.  1) Celebrity Homes was notified to clean up the streets on 7/30/2013 & on 8/14/2013 ASAP. 2.) Regency Homes was notified on 7/30/2013 & 8/14/2013 to clean up the streets ASAP. 3.) Celebrity Homes was notified to clean up the streets on 8/14/2013 ASAP. 4.) Sherwood Homes was notified on 8/14/2013 to clean up the streets ASAP.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
<b>Current Condition:</b>	<b>Good Condition:</b> 48th and Birchwood Drive				
<b>Inspector Signature:</b> <i>Bob [unclear]</i>	<b>Reviewed By:</b> <i>Zachary A. Julek</i>				