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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: Mike Jacobson, CISEC		Stage 2
Project Name:	Clearwater Falls NER110573	
For Week Ending:	4/13/2013	
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			
					Week 1
Sunday:	0.01"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.29"				
					Week 2
Sunday:	0.00"				
Monday	0.01"	04/01/13			
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 3
Sunday:	0.02"				
Monday	0.04"				
Tuesday	0.42"				
Wednesday	0.66"	04/10/13			
Thursday	0.00"	04/11/13			
Friday	0.00"				
Saturday	0.00"				

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. 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. On 4/2/13 and again on 4/11/13 Dave Hausman/Celebrity Homes was reminded to seed area ASAP.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	N41d00m00s W96d00m00s	5/5/2010	Active	Yes
Current Condition:	<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, 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	Yes
Current Condition:	<p>Good Condition</p> <p>The concrete washout is full and it needs to be cleaned out. The concrete spoils around the concrete washout needs to be cleaned up.</p> <p>Tim Moore/Celebrity Homes was informed to clean up by 4/8/13. The concrete washout and the concrete spoils around the concrete washout was cleaned up prior to inspection 4/10/13 by Tim Moore/Celebrity Homes.</p>				
Lot 26	Silt Fence	Lot 26	4/8/2013	Pending	Yes
Current Condition:	<p>Pending</p> <p>1) There is concrete spoils on the front of the lot and it needs to be cleaned up. 2) Silt fence needs to be installed on the South and Southeast sections of the lot.</p> <p>1) Horizon Homes was informed to complete maintenance by 4/8/13. Maintenance was completed prior to inspection on 4/10/13 by Horizon Homes. 2) Horizon Homes was informed to complete maintenance by 4/8/13. Maintenance was not completed as of last inspection.</p>				
Lot 27	Silt Fence	Lot 27	4/1/2013	Active	Yes
Current Condition:	<p>Good Condition</p> <p>Dirt piled in the R.O.W. and it needs to be removed or add silt fence around it.</p> <p>Horizon Homes was informed to complete maintenance by 4/8/13. Maintenance was not completed as of last inspection.</p>				
Lot 55	Silt Fence	Lot 55	3/6/2013	Pending	Yes

Current Condition:	Pending Dirt piled in the R.O.W. was removed prior to inspection on 3/13/13 by Gabe w/ The Home Company. 1) Silt fence needs to be installed on the back of the lot. 2) Silt fence needs to be installed on the front of the lot above the curb inlet. 1) Gabe w/ The Home Company was informed to install silt fence by 3/6/13. On 4/1/13 Gabe w/ The Home Company was reminded that silt fence needs to be installed ASAP. Maintenance not completed as of last inspection. 2) Gabe w/ The Home Company was informed to install silt fence by 4/18/13.				
Lot 268	Misc/other	Lot 268	4/8/2013	Pending	Yes
Current Condition:	Pending Dirt piled in the R.O.W. and it needs to be removed or add silt fence around it. Sherwood Homes was informed to complete maintenance by 4/8/13. Maintenance not completed as of last inspection.				
Lot 277	Silt Fence	Lot 277	3/6/2013	Pending	Yes
Current Condition:	Pending Dirt piled in the R.O.W. was removed prior to inspection on 4/10/13 by Gabe w/ The Home Company. Silt fence needs to be installed on the back of the lot. Gabe w/ The Home Company was informed to install silt fence by 3/6/13. Maintenance not completed as of last inspection.				
Lot 287	Misc/other	Lot 287	4/8/2013	Pending	Yes
Current Condition:	Pending 1) There is a portable toilet on the lot and it needs to be staked down. 2) There is some concrete spoils on the lot and they need to be cleaned up. 1) Gabe w/ The Home Company was informed to complete maintenance by 4/8/13. The portable toilet was removed from the lot prior to inspection on 4/10/13 by Gabe w/ The Home Company. 2) Gabe w/ The Home Company was informed to complete maintenance by 4/8/13. Maintenance was completed prior to inspection on 4/10/13 by Gabe w/ The Home Company.				
Lot 305	Silt Fence	Lot 305	4/8/2013	Pending	Yes
Current Condition:	Pending Silt fence needs to be installed on the Southeast section of the lot. Legacy Homes was informed to install silt fence by 4/8/13. Maintenance not completed as of last inspection.				
Lot 311	Silt Fence	Lot 311	4/8/2013	Pending	Yes
Current Condition:	Pending 1) Dirt piled in the R.O.W. and it needs to be removed or add silt fence around it. 2) Silt fence needs to be installed on the back of the lot. 1) Havican Homes was informed to complete maintenance by 4/8/13. Maintenance not completed as of last inspection. 2) Havican Homes was informed to install silt fence by 4/8/13. Maintenance not completed as of last inspection.				
Lot 313	Silt Fence	Lot 313	4/10/2013	Active	Yes
Current Condition:	Good Condition Silt fence needs to be installed on the back of the lot. Showcase Homes was informed to install silt fence by 4/8/13. Silt fence was installed on the back of the lot prior to inspection on 4/10/13 by Showcase Homes.				

Lot 320	Misc/other	Lot 320	4/8/2013	Pending	Yes
Current Condition:	<p>Pending</p> <p>There is a full dumpster on the lot and it needs to be emptied or covered.</p> <p>Gabe w/ The Home Company was informed to complete maintenance by 4/8/13. Dumpster was emptied prior to inspection on 4/10/13 by Gabe w/ The Home Company.</p>				
Lot 339	Silt Fence	Lot 339	3/6/2013	Pending	Yes
Current Condition:	<p>Pending</p> <p>Dirt piled in the R.O.W. was removed prior to inspection on 4/1/13 by Gabe w/ The Home Company.</p> <p>Silt fence needs to be installed on the back of the lot.</p> <p>Gabe w/ The Home Company was informed to install silt fence by 3/6/13. On 4/1/13 and Gabe w/ The Home Company was reminded that silt fence needs to be installed ASAP.</p>				
Lot 341	Silt Fence	Lot 341	4/1/2013	Active	Yes
Current Condition:	<p>Good Condition</p> <p>Silt fence was installed on the back of the lot prior to inspection on 4/1/13 by Castle Bridge Homes.</p> <p>There is a full dumpster on the lot and it needs to be emptied or covered.</p> <p>Castle Bridge Homes was informed to complete maintenance by 4/8/13. Dumpster was emptied prior to inspection on 4/10/13 by Castle Bridge Homes.</p>				
Outlot D	Misc/other	Outlot D	9/20/2012	Pending	Yes
Current Condition:	<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&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. On 4/1/13 the HBC was reminded that the disturbed area needs to be seeded ASAP. Maintenance not completed as of last inspection.</p>				
Pod A	Silt Fence	Lots 225-254		Removed	
Current Condition:	<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	
Current Condition:	<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	
Current Condition:	<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.</p> <p>All other remaining lots in this pod has been sodded.</p>				
Pod D	Silt Fence	Lots 199-210		Removed	
Current Condition:	<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
Current Condition:	<p>Good Condition</p> <p>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	Yes
Current Condition:	<p>Fair Condition-</p> <p>1) Silt fence check on lot 444 is down/damaged and it needs to be repaired. 2) Lots 435, 436, 437, 438 and 439 needs lot level silt fence on the front of the lots. 3) There is a full dumpster on lot 438 and it needs to be emptied or covered. 4) Lots 447, 448, 449, 450 and 452 needs lot level silt fence on the front of the lots to help prevent run off. A few areas of the sidewalks on these lots has silt on them and they need to be cleaned up.</p> <p>1) Dave Hausman/Celebrity Homes was informed to complete maintenance by 4/8/13. On 4/11/13 Dave Hausman/Celebrity Homes was reminded that maintenance needs to be completed ASAP. 2) Dave Hausman/Celebrity Homes was informed to install silt fence by 4/8/13. On 4/11/13 Dave Hausman/Celebrity Homes was reminded that maintenance needs to be completed ASAP. 3) Dave Hausman/Celebrity Homes was informed to complete maintenance by 4/8/13. Dumpster was emptied prior to inspection on 4/10/13 by Dave Hausman/Celebrity Homes. 4) Dave Hausman/Celebrity Homes was informed to complete maintenance by 4/18/13.</p>				
Pod G	Silt Fence	Lots 404-425	11/8/2012	Active	Yes
Current Condition:	<p>Fair Condition-</p> <p>1) There is dirt piled in the R.O.W. on lot 415 and it needs to be removed or add silt fence around it. 2) There is a full dumpster on lot 416 and it needs to be emptied or covered.</p> <p>1) Dave Hausman/Celebrity Homes was informed to complete maintenance by 4/8/13. On 4/11/13 Dave Hausman/Celebrity Homes was reminded that maintenance needs to be completed ASAP. 2) Dave Hausman/Celebrity Homes was informed to complete maintenance by 4/8/13. Dumpster was emptied prior to inspection on 4/10/13 by Dave Hausman/Celebrity Homes.</p>				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	Yes
Current Condition:	<p>Fair Condition-</p> <p>Silt fence check on lot 468 is down/damaged and it needs to be repaired. Lot level silt fence needs to be installed on the front of lot 468.</p> <p>Dave Hausman/Celebrity Homes was informed to complete maintenance by 4/8/13. On 4/11/13 Dave Hausman/Celebrity Homes was reminded that maintenance needs to be completed ASAP.</p>				
SB 1	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
Current Condition:	<p>Good Condition-11% Filled Basin cleaned out was completed prior to inspection on 6/10/11 by Bob Roth.</p>				
SB 2	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	<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
Current Condition:	<p>Good Condition-17% Filled</p>				
SB 4	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	<p>Removed per Hill-Farrell construction.</p>				
SB 5	Sediment Basin	N41d00m00s W96d00m00s	11/17/2009	Active	No
Current Condition:	<p>Good Condition- 5% Filled - JC Excavating installed prior to inspection on 11/18/09.</p>				
SF 1	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	<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	No
Current Condition:	<p>Removed for grading on 8/4/08</p>				
SF 3	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	<p>Removed due to home construction.</p>				
SF 4	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	<p>Removed due to home construction.</p>				

SF 5	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed due to home construction.				
SF 6	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed due to road construction				
SF 7	Silt Fence	N41d00m00s W96d00m00s	In Place	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>A few areas of the silt fence are down/damaged and need to be repaired or removed.</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 8	Silt Fence	N41d00m00s W96d00m00s	In Place	Active	Yes
Current Condition:	<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	
Current Condition:	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	
Current Condition:	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	
Current Condition:	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	
Current Condition:	Removed due to landscaping.				
SF A	Silt Fence	Lots 474-480		Removed	
Current Condition:	All this maintenance has been moved to Pod C in the BMP section.				
SF B	Silt Fence	N41d00m00s W96d00m00s	10/30/2009	Active	Yes
Current Condition:	<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, 11/21/11 and again 4/2/13 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	Yes

Current Condition:	Good Condition- Track off along 55 was cleaned up prior to inspection on 4/1/13 by Gabe w/ The Home Company. 1) There is some minor signs of track off along 43rd Avenue and it needs to be cleaned up. 2) There is some minor signs of track off in the curb line along lot 311 and it needs to be cleaned up. 3) There is some minor signs of track off in the curb line along lot 313 and it needs to be cleaned up. 4) There is some mud in the curb inlet between lots 438 and 439 and it needs to be cleaned out. 1) Tim Moore w/ Celebrity Homes was informed to clean up by 4/2/13. Street was cleaned on 4/11/13 by Commercial Seeding. 2) Havican Homes was informed to clean up by 4/2/13. Street was cleaned up prior to inspection on 4/10/13 by Havican Homes. 3) Showcase Homes was informed to clean up by 4/2/13. Street was cleaned up prior to inspection on 4/10/13 by Showcase Homes. 4) Celebrity Homes was informed to cleaned out by 4/12/13.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 48th and Birchwood Drive				
Inspector Signature: 		Reviewed By: 