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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:	9/14/2013	
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:	0.00"				
Monday	0.00"				
Tuesday	0.00"	08/27/13			
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	1.17"	09/01/13			
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.36"				
Friday	0.00"				
Saturday	0.15"				
					Week 3
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.14"				
Wednesday	0.87"	09/11/13			
Thursday	0.00"				
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).
 Paving operations will begin on 9/3/2013 on 42nd Avenue & 43rd Street by Luxa Construction. As of inspection on 9/11/2013, paving is still pending.

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 will begin on 9/3/2013 on 42nd Avenue & 43rd Street by Luxa Construction. As of inspection on 9/11/2013, paving is still pending.

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 operations occurring on 42nd Avenue & 43rd Street by Luxa Construction for future roads.					
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
Current Condition:	<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	
Current Condition:	<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	No
Current Condition:	<p>Good Condition-</p> <p>Bob w/ Celebrity Homes installed a washout pit on lot 414 prior to inspection on 8/27/2013.</p>				
Lot 26	Silt Fence	Lot 26	5/3/2013	Active	Yes
Current Condition:	<p>Fair Condition-</p> <p>SF installed on north side of lot 26 & dumpster was emptied prior to inspection on 7/30/2013 by Horizon Homes.</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 and on 8/28/2013. Not completed as of last inspection on 9/1/2013. Horizon Homes was informed again on 9/3/2013 to complete maintenance. Maintenance not completed as of last inspection.</p>				
Lot 27	Silt Fence	Lot 27	6/6/2013	Active	Yes
Current Condition:	<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.</p> <p>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, 8/14/2013 and on 8/28/2013. Horizon Homes was informed again on 9/3/2013 to complete maintenance. Maintenance not completed as of last inspection.</p> <p>2.) Horizon Homes was informed to complete maintenance by 6/6/13. Maintenance not completed as of</p>				
Lot 30	Silt Fence	Lot 30	5/3/2013	Active	Yes

Current Condition:	Fair Condition- Maintenance was completed prior to inspection on 6/23/13 by Horizon Homes. 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. 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, 8/14/2013 and on 8/28/2013. Horizon Homes was informed again on 9/3/2013 to complete maintenance. 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 and on 8/28/2013. Maintenance not completed as of last inspection on 9/1/2013. Horizon Homes was informed again on 9/3/2013 to complete				
Lot 55	Silt Fence	Lot 55		Removed	No
Current Condition:	Removed Lot was sodded prior to inspection on 7/16/13 by The Home Company.				
Lot 56	Silt Fence	Lot 56	7/16/2013	Active	No
Current Condition:	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	Yes
Current Condition:	Active home construction by Sherwood Homes- The dumpster needs to be covered or cleaned out. Sherwood Homes was informed to complete maintenance by 9/8/2013. Maintenance not completed as of last inspection. Sherwood Homes was reminded again on 9-11-2013.				
Lot 271	Silt Fence	Lot 271	8/20/2013	Pending	Yes
Current Condition:	SF Pending- Dirt was removed from the R.O.W prior to the inspection on 9/1/2013. 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. Maintenance not completed as of last inspection. Thomas was informed again on 8/28/2013 to complete ASAP. Maintenance not completed as of last inspection on 9/1/2013. The Home Company was informed on 9-13-2013 again.				
Lot 277	Silt Fence	Lot 277		Removed	No
Current Condition:	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
Current Condition:	Sherwood Homes installed sod prior to the inspection on 7/30/2013.				
Lot 287	Silt fence	Lot 287		Removed	No
Current Condition:	Tom w/ The Home Company installed sod prior to the inspection on 7/30/2013.				
Lot 305	Silt Fence	Lot 305		Removed	
Current Condition:	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	
Current Condition:	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

Current Condition:	Fair Condition- The dumpster was emptied prior to inspection on 9/1/2013. 1) Silt fence is down/damaged and need repaired or replaced on SE and NE corners. 2) Construction debris on lot needs placed in dumpster. 1) 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. Not completed prior to last inspections on 8/27 & 9/1. Banyan Homes was informed again on 9/3/2013 to complete ASAP. Maintenance not completed as of last inspection. 2) 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. Not completed prior to last inspections on 8/27 & 9/1. Banyan Homes was informed again on 9/3/2013 to complete ASAP. Maintenance not completed as of last inspection.				
Lot 313	Silt Fence	Lot 313		Removed	
Current Condition:	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	7/23/2013	Pending	No
Current Condition:	SF Pending- Dirt was removed from along the R.O.W by Recency Homes prior to inspection on 8/27/2013. Due to flat lot, SF currently not needed along the north side.				
Lot 323	Silt Fence	Lot 323	8/13/2013	Active	No
Current Condition:	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
Current Condition:	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		Removed	
Current Condition:	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		Active	Yes
Current Condition:	Tom with The Home Company sodded the lot prior to the inspection on 7/30/2013. 1.) Concrete rubble needs to be removed from next to the lot. 2.) 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. Maintenance not completed as of last inspection. Thomas with the Home Company was informed again on 8/28/2013 to complete maintenance. Maintenance not completed as of last inspection on 9/1/2013. The Home Company was reminded again on 9-13-2013. 2.) Gabe and Thomas with the Home Company were contacted to complete maintenance by 8/20/2013. Thomas with the Home Company was informed again on 8/28/2013 to complete maintenance. Maintenance not completed as of last inspection on 9/1/2013. The Home Company was reminded again on 9-13-2013.				
Lot 341	Silt Fence	Lot 341		Removed	
Current Condition:	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	9/18/2013	Pending	Yes
Current Condition:	Pending SF needed behind lot in the rear. Charles Thomas Builders was notified to complete by 9-18-2013.				
Outlot D	Misc/other	Outlot D		Removed	

Current Condition:	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
Current Condition:	Fair Condition- SF still protecting drain between lots 237 & 241, and on the SE corner of lot 242. SF is no longer needed on lot 236 as of inspection on 9/1/2013. SF repaired as of inspection on 9/1/2013 on lot 241. SF removed on lot 237 by Bob with Celebrity Homes prior to inspection on 9-11-2013.				
Pod B	Silt Fence	Lots 212-224		Removed	
Current Condition:	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	
Current Condition:	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	
Current Condition:	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	
Current Condition:	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
Current Condition:	Fair condition- SF is down behind lot 435 and needs to be reinstalled. Bob with Celebrity Homes was informed to complete maintenance by 9/3/2013. Maintenance not completed as of inspection. Celebrity Homes was informed again on 9/3/2013 and on 9/12/2013.				
Pod G	Misc/other	Lots 404-425	11/8/2012	Active	Yes
Current Condition:	Fair Condition- SF removed and stockpile reduced prior to inspection on 9-11-2013. Concrete debris needs to be removed from in front of washout pit on lot 414 and on lot. Bob with Celebrity Homes was informed to complete by 9/3/2013. Maintenance not completed as of inspection on 9/1/2013. Celebrity Homes was informed again on 9/3/2013 and on 9/12/2013.				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	Yes
Current Condition:	Fair Condition- Lot 468 was sodded prior to inspection on 8/13/2013 by Bob with Celebrity Homes. SF installed in the rear of lot 471 by Bob with Celebrity Homes prior to inspection on 8/27/2013. SF was reinstalled on lot 456 prior to inspection on 9/1/2013 by Bob with Celebrity Homes. SF was installed behind lot 457, repaired by lot 456, on side of lot 467 & cleaned out by lot 455 by Bob with Celebrity Homes prior to inspection on 9/11/2013. 1.) Silt fence needed along front of lots 461-464 and 456. 2.) SF needed along the rear side of the lot 469. 3.) SF removal needed along front of lot 469. 4.) SF needed along the front of lot 471. 5.) SF cleanout needed along the NW side of lot 455. 6.) Dirt needs to be removed from the R.O.W on lot 470. 7.) SF needed along front of lot 457. 1.) 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 and reminded again on 8/28/2013 & on 9/3/2013 & on 9/12/2013. 2.) Bob w/ Celebrity Homes was informed to install silt fence by 8/20/2013. Maintenance was not complete 3.) Bob w/ Celebrity Homes was informed to complete maintenance by 9/03/13. Maintenance was not complete 4.) Bob w/ Celebrity Homes was informed to install silt fence by 8/20/2013. Maintenance was not complete 5.) Bob w/ Celebrity Homes was informed to complete maintenance by 9/8/2013. Bob w/ Celebrity Homes 6.) Bob w/ Celebrity Homes was informed to complete maintenance by 9/8/2013. Maintenance was not complete 7.) Bob w/ Celebrity Homes was informed to complete maintenance by 9/18/2013.				
Pod I	Silt Fence	Lots 346-355	5/10/2013	Active	Yes

Current Condition:	<p>Fair Condition-</p> <p>SF was removed behind lots 347, 348 and 350 prior to inspection on 8/27/2013 by Bob with Celebrity Homes. Lots 350-353 were sodded by Bob with Celebrity Homes prior to inspection on 9/11/2013.</p> <p>1.) SF removal needed behind lot 350-353. 2.) Sod needed on lots 347, 348 due to SF removal. 3.) Concrete debris needs to be cleaned up from lot 354.</p> <p>1.) Bob with Celebrity Homes was informed to complete by 9/18/2013. 2.) 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. 3.) 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.</p>				
SB 1	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
Current Condition:	<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	
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> <p>-Cleaned out 02/06</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- 6% Filled</p> <p>- 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:	<p>Removed due to home construction.</p>				
SF 6	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	<p>Removed due to road construction</p>				
SF 7	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	<p>Silt fence was removed prior to inspection on 6/23/13 by Boyer Young.</p>				
SF 8	Silt Fence	N41d00m00s W96d00m00s	In Place	Active	Yes

Current Condition:	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	
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		Removed	
Current Condition:	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
Current Condition:	Fair Condition- Streets were cleaned up in front of lot 268 by Sherwood Homes prior to inspection on 8/27/2013 and by Regency Homes in front of lot 333. Streets were cleaned up in front of lots 237 & 236, and in front of lots 241 & 242 prior to inspection on 9/1/2013 by Bob with Celebrity Homes. Streets cleaned up in front of lot 322 by Regency Homes prior to inspection on 9/1/2013. Sherwood Homes cleaned up the curb lines prior to inspection on 9-11-2013 in front of lot 331 and lot 268. 1.) Street cleaning needed for in front of lots 348-353, 432-436, 461-464, 455-458. 2.) Street cleaning needed on Clearwater Drive and 44th Street. 3.) Street cleaning needed in front of lot 455 on Birchwood. 4.) Street cleaning needed in front of lot 271. 5.) Street cleaning needed in front of lot 268. 6.) Street cleaning needed in front of lot 27. 1.) Celebrity Homes was notified to clean up the streets on 7/30/2013 & on 8/14/2013 ASAP. Maintenance was not completed as of last inspection. Bob w/ Celebrity Homes was reminded that maintenance needs to be completed ASAP on 8/28/2013, 9/3/2013 and on 9-12-2013. 2.) Celebrity Homes was notified to clean up the streets on 8/14/2013 ASAP. Maintenance was not complete 3.) Celebrity Homes was notified to clean up the streets on 9/3/2013 ASAP. Maintenance was not complete 4.) The Home Company was notified to clean up the streets on 9/1/2013 ASAP. Maintenance was not complete 5.) Sherwood Homes was notified to clean up the streets on 9/12/2013 ASAP. 6.) Horizon Homes was notified to clean up the streets on 9/1/2013 ASAP. Maintenance was not complete				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 48th and Birchwood Drive				
Inspector Signature: <i>Bob</i>		Reviewed By: <i>Zachary K. Jalk</i>			