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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:	11/23/2013	
Project Location:	48th and Fairview Road- Bellevue, NE (Sarpy County)	68123

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	90%			
Paving:	90%			
Seeding:	70%			
Utilities:	75%			
Overall Development:	50%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected			
Week 1					
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
Week 2					
Sunday:	0.17"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"	11/20/13			
Thursday	0.04"				
Friday	0.00"				
Saturday	0.00"				
Week 3					
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. Entire site is now inactive for major grading/earthwork/ground disturbance activities as of the inspection on 11/20/2013.

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. Entire site is now inactive for major grading/earthwork/ground disturbance activities as of the inspection on 11/20/2013.

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. Fuel container from Luxa Construction was removed from the site prior to the inspection on 11/20/2013.

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
Current Condition:	<p>Poor Condition- 30% 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	Yes
Current Condition:	<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, 11/8/2013 & on 11/20/2013.</p>				
Lot 26	Silt Fence	Lot 26		Removed	
Current Condition:	<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	
Current Condition:	<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
Current Condition:	<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>1.) Eastern perimeter SF needs to be re-entrenched and silt needs to be removed from the adjoining yard. 2.) SF at the top of the Eastern slope needs to be reinstalled as of the inspection on 11/20/2013.</p> <p>1.) Horizon Homes was informed to complete maintenance by 11/13/2013. Not completed as of last inspection. Horizon Homes was reminded on 11/22/2013. 2.) Horizon Homes was informed to complete maintenance by 11/27/2013.</p>				
Lot 55	Silt Fence	Lot 55		Removed	
Current Condition:	<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
Current Condition:	<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 72	Silt Fence	Lot 72	11/27/2013	Pending	Yes
Current Condition:	<p>Pending-</p> <p>1.) Dirt needs to be removed from the ROW due to the new excavation. 2.) SF needed on the North and East sides of the lot.</p> <p>1.) Horizon Homes was informed to complete maintenance by 11/27/2013. 2.) Horizon Homes was informed to complete maintenance by 11/27/2013.</p>				
Lot 264	Misc/other	lot 264	11/5/2013	Active	No

Current Condition:	Good Condition- Proline Homes removed dirt from the ROW prior to the inspection on 11/20/2013. Due to flat lot, BMPs are currently not needed as of the inspection on 11/20/2013.				
Lot 268	Misc/other	Lot 268		Removed	
Current Condition:	Removed- Sherwood Homes sodded the lot prior to the inspection on 10/15/2013.				
Lot 271	Silt Fence	Lot 271	10/2/2013	Active	Yes
Current Condition:	Fair Condition- SF debris was removed from the lot prior to the inspection on 11/20/2013. 1.) Sod needed on the lot for final stabilization. 2.) PP needs to be removed from the lot. 1.) The Home Company was informed to complete sod installation by 11/27/2013. 2.) The Home Company was informed to complete maintenance by 11/27/2013.				
Lot 277	Silt Fence	Lot 277		Removed	
Current Condition:	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
Current Condition:	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	
Current Condition:	Sherwood Homes installed sod prior to the inspection on 7/30/2013.				
Lot 287	Silt fence	Lot 287		Removed	
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- 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	
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	9/19/2013	Active	Yes
Current Condition:	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. Not completed as of last inspection.				

Lot 323	Misc/other	Lot 323		Removed	
Current Condition:	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
Current Condition:	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		Removed	
Current Condition:	Removed- Lot was sodded by Sherwood Homes prior to the inspection on 11/20/2013.				
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		Removed	
Current Condition:	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	
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	9/19/2013	Active	Yes
Current Condition:	Fair Condition- SF was repaired in the NE & SE corners of the perimeter prior to the inspection by Charles Thomas Homes prior to the inspection on 11/20/2013. Wattles need to be reinstalled in the front of the lot, and around the dirt pile in the front of the lot. Charles Thomas Homes was informed to complete maintenance by 11/27/2013.				
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	Yes
Current Condition:	Fair Condition- Lot 242 was sodded by Bob with Celebrity Homes prior to the inspection on 11/20/2013. 1.) SF debris needs to be removed from lot 236. 2.) SF needs to be reinstalled on the front of lot 241. 1.) Bob with Celebrity Homes was informed to complete maintenance by 11/27/2013. 2.) Bob with Celebrity Homes was informed to complete maintenance by 11/27/2013.				
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:	<p>Fair condition- SF was removed on the South side of lot 450, installed on the North side of lot 451, lot was sodded on lot 432 prior to the inspection on 11/20/2013 by Bob with Celebrity Homes.</p> <p>1.) SF behind lots 432 and 433 need to be removed. 2.) Lot 433 needs to be sodded. 3.) SF needs to be repaired and cleaned out on lot 451.</p> <p>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 and on 11/20/2013. 2.) Bob with Celebrity Homes was informed to complete sod installation by 11/27/2013. 3.) Bob with Celebrity Homes was informed to complete maintenance by 11/27/2013.</p>				
Pod G	Misc/other	Lots 404-425	11/8/2012	Active	Yes
Current Condition:	<p>Fair Condition- 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 and on 11/20/2013.</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 and on 11/20/2013.</p>				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	Yes
Current Condition:	<p>Fair Condition- Gator guards were reinstalled in the front of lot 471; SF was cleaned out at the side of lot 469; dirt piles were removed on lots 459 & 460 in the ROW by Bob with Celebrity Homes prior to the inspection on 11/20/2013.</p> <p>1.) SF removal and re-grading needed behind lot 455 due to sodding of lot. 2.) SF is down needs to be repaired behind lot 458. 3.) Gator guards need to be reinstalled on the front of lots 471-470. 4.) SF or gator guards need to be installed on the front of lots 459-460 across 2 lots.</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 and on 11/20/2013. 2.) Bob w/ Celebrity Homes was informed to complete maintenance by 11/5/2013. Bob with Celebrity Homes was reminded on 11/8/2013 and on 11/20/2013. 3.) Bob w/ Celebrity Homes was informed to complete maintenance by 11/27/2013. 4.) Bob w/ Celebrity Homes was informed to complete maintenance by 11/27/2013.</p>				
Pod I	Silt Fence	Lots 346-355	5/10/2013	Active	Yes
Current Condition:	<p>Fair Condition- 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 on 9/12/2013, 9/20/2013, 10/05/2013, 10/17/2013, 10/30/2013, 11/8/2013 & on 11/20/2013.</p>				
SB 1	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
Current Condition:	<p>Good Condition-25% 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 -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- 8% Filled - JC Excavating installed prior to inspection on 11/18/09.</p>				
SF 1	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 2	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed for grading on 8/4/08				
SF 3	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed due to home construction.				
SF 4	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed due to home construction.				
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		Removed	
Current Condition:	Silt fence was removed prior to inspection on 6/23/13 by Boyer Young.				
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		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:	<p>Fair Condition-</p> <p>Streets were scraped in front of lot 343 by Charles Thomas Homes and in front of 264 by Proline Homes prior to the inspection on 11/20/2013. Bob with Celebrity Homes cleaned in front of lots 432-433, 466, 471, 451-452 prior to the inspection on 11/20/2013.</p> <p>1.) Street cleaning needed in front of lots 457-460 along western curb line. 2.) Street cleaning needed in front of lot 343 again due to trackout. 3.) Street cleaning needed on North side of lot 455, and in front of lot 415.</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 and on 11/20/2013. 2.) Charles Thomas Builders was notified to clean up the streets on 11/22/2013. 3.) Celebrity Homes was informed to complete street cleaning on 11/20/2013.</p>				

SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 48th and Birchwood Drive				
Inspector Signature: <i>Bob [unclear]</i>	Reviewed By: <i>Zachary A. Julek</i>				