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**E & A CONSULTING GROUP, INC.**

*Engineering Answers*

Zachary A. Jilek, CPESC, CISEC  
 Environmental Services Dept. Manager

**E&A - P2005.198.000**

Inspector: Jason Wong		Stage
Project Name:	<b>Clearwater Falls CSW-201701144</b>	3
For Week Ending:	<b>11/9/2024</b>	
Project Location:	<b>48th and Fairview Road- Bellevue, NE (Sarpy County)</b>	<b>68123</b>

Grading:	100%	100%		
Sanitary Sewer:	100%	N/A		
Storm Sewer:	100%	100%		
Paving:	100%	100%		
Seeding:	100%	100%		
Utilities:	100%	N/A		
Overall Development:	99%	100%		

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Inspection Time	Storm Event Duration
<b>Week 1</b>					
Sunday	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
<b>Week 2</b>					
Sunday	0.00"				
Monday	0.00"				
Tuesday	0.35"	10/22/2024	Sunny 72	2:10 PM	12:00 AM-3:00 AM
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
<b>Week 3</b>					
Sunday	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.86"				10:55 AM-6:55 PM
Thursday	0.06"	10/31/2024	Partly Cloudy 51	1:20 PM	
Friday	0.00"				
Saturday	0.19"				8:55 PM-1:55 AM
<b>Week 4</b>					
Sunday	0.14"				12:00 AM to 7:55 AM
Monday	0.27"	11/4/2024	Cloudy 55	2:30 PM	3:52 PM to 11:52 PM
Tuesday	0.51"	11/5/2024	Cloudy 52	3:05 PM	12:00 AM to 9:55 AM
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.34"				2:55 AM to 10:55 AM
<b>Week 5</b>					
Sunday	N/A				
Monday	N/A				
Tuesday	N/A				
Wednesday	N/A				
Thursday	N/A				
Friday	N/A				
Saturday	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).  
 Entire site is now inactive for major grading activities as of the inspection on 11/20/2013.  
 Grading for the Clearwater Falls Trail has ceased as of inspection on 12/18/17.  
 Grading has begun at Clearwater Falls Trail for installation of Storm Sewer on N side of trail. Grading has ceased for storm sewer on N side of trail. Grading around the park improvements (9/27/23). Paving of walking trail on the north side of the park (3/8/24).

**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).  
 Entire site is now inactive for major grading activities as of the inspection on 11/20/2013.  
 Grading for the Clearwater Falls Trail has ceased as of inspection on 12/18/17.  
 Grading has begun at Clearwater Falls Trail for installation of Storm Sewer on N side of trail. Grading has ceased for storm sewer on N side of trail. Grading around the park improvements (9/27/23). Paving of walking trail on the north side of the park (3/8/24).

**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); Outlot L was graded, seed and matted (5/22/2014); 42nd Street and 43rd Avenue was temp seeded (5/22/2014); Additional matting was installed on the South side of Outlot L (8/4/2014); Matting has been installed on the side slopes surrounding Outlot M Basin (12/15/2014); John Navarro installed the erosion control matting 1 & 2 for the trail project (1/17/18). Park Area has been seeded and matted (5/9/18). Storm Sewer Installed and disturbed area has been seeded and matted (5/9/18). Area surrounding new sidewalk in NE portion of site has been seeded and matted (7/5/18). NW corner of site has been seeded and matted (7/5/18). Seeding and matting installed around volleyball court, pickleball court and soccer field (12/13/23). Seeding and matting installed along walking trail and basin north of park project (4/16/24).

**Checklist Questions:**

**Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?**

No

**Create Corrective Action?**

No- See Findings Section

**Have disturbed areas been seeded or otherwise stabilized as required? List inactive portions of the project and if stabilization measure are adequate or needed to prevent erosion.**

Yes

**Create Corrective Action?**

N/A

**Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?**

Yes

**Create Corrective Action?**

N/A

**Are construction entrances and adjacent streets being maintained adequately?**

Yes

**Create Corrective Action?**

N/A

**Is dust associated with the construction activity adequately controlled on the site?**

Yes

**Create Corrective Action?**

N/A

**Comments:**

**Comments:**


- 1.) Built out residential subdivision.
- 2.) Basin, riser in basin and outfall located next to walking trail in Belle Lago South will be adjusted/modified so the slope of the walking trail can be repaired.

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

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

- 1.) No maintenance is required in the BMP Section.
- 2.) Erosion along walking path next to the Belle Lago S basin should be repaired. SID department was informed to complete by 7/29/24. The SID installed a safety fence along the walking path prior to the inspection on 8/1/24. **The E&A engineer was reminded on 11/05/24.**

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CW 5	Concrete Washout	Lot 387		Removed	
<b>Current Condition:</b>	Removed - Celebrity Homes removed the concrete washout prior to inspection on 11/12/2015.				
CW 6	Concrete Washout	Lot 359		Removed	
<b>Current Condition:</b>	Removed - Washout pit was removed by Celebrity Homes prior to 3/30/2016.				
CW 7	Concrete Washout	Lot 361		Removed	
<b>Current Condition:</b>	Removed - due to the progression of the site, individual lots will be responsible for their concrete waste. Builders will washout on their own lots, if a washout becomes needed the inspector will inform the applicant to install a washout.				
SB 1	Sediment Basin	Outlot "M"	In Place	Active	No
<b>Current Condition:</b>	Good Condition - 10% Filled. Vegetation was removed from the basin and the slopes were seeded and matted by the SID prior to inspection on 10/23/14. Vegetation was removed from the basin by the SID prior to inspection on 9/19/17. Basin conversion was occurring during the inspection on 2/15/22. Basin slope was seeded and matted prior to the inspection on 10/3/22. Erosion matting installed in basin prior to inspection on 6/2/23. <b>As of 11/05/24 basin has been converted into a post-construction basin.</b>				

SB 2	Sediment Basin	Outlot "L"	11/17/2009	Active	No
<b>Current Condition:</b>	Good Condition - 16% Filled - JC Excavating installed prior to inspection on 11/18/09. As of 11/05/24 basin has been converted into a post-construction basin.				
SB 3	Sediment Basin	School Lot 165	In Place	Active	No
<b>Current Condition:</b>	Good Condition - 21% Filled - Cleaned out 02/06 Basin is very overgrown as of 6/2/23 inspection.				
<b>Clearwater Falls Park Improvements</b>					
CE	Construction Entrance	Lookingglass St.		Removed	
<b>Current Condition:</b>	Removed - Dostal's Construction removed the construction entrance prior to the inspection on 3/15/24.				
EM 1	Erosion Control Matting	East side of park	12/13/2023	Active	No
<b>Current Condition:</b>	Good Condition - Dostal's Construction installed erosion control matting around the volleyball court prior to inspection on 12/13/23.				
EM 2	Erosion Control Matting	West side of park	12/13/2023	Active	No
<b>Current Condition:</b>	Good Condition - Dostal's Construction installed erosion control matting around the pickleball court prior to inspection on 12/13/23.				
EM 3	Erosion Control Matting	Central sector of park	12/13/2023	Active	No
<b>Current Condition:</b>	Good Condition - Dostal's Construction installed erosion control matting in the soccer field prior to inspection on 12/13/23.				
EM 4	Erosion Control Matting	N of park project	4/16/2023	Active	No
<b>Current Condition:</b>	Good Condition - Dostal's Construction installed erosion control matting on both sides of the walking trail prior to the inspection on 4/16/24.				
W 1	Wattles	Along CE	8/31/2023	Active	No
<b>Current Condition:</b>	Good Condition - Dostal's Construction installed wattles along the construction entrance in Belle Lago South prior to the inspection on 8/31/23.				
W 2	Wattles	NW side	8/31/2023	Active	No
<b>Current Condition:</b>	Good Condition - Dostal's Construction installed wattles along NW side of the park improvements prior to the inspection on 8/31/23. Dostal's Construction removed a section of wattles to allow for the walking trail to be connected prior to the inspection on 10/25/23.				
W 3	Wattles	NE side	8/31/2023	Active	No
<b>Current Condition:</b>	Good Condition - Dostal's Construction installed wattles along NE side of the park improvements prior to the inspection on 8/31/23.				
W 4	Wattles	N of park project	4/16/2023	Active	No
<b>Current Condition:</b>	Good Condition - Dostal's Construction installed wattles along NE side of the park improvements along the trail prior to the inspection on 4/16/24.				
<b>Clearwater Falls Trail</b>					
CD 1	Check Dam	Northern side of site		Removed	
<b>Current Condition:</b>	Removed - The check dam will remain in place as a permanent erosion control feature in the drainageway running through the Clearwater Falls Trail project area, however it will no longer be inspected as a temporary erosion control BMP.				
EM 1	Erosion Control Matting	East side of site		Removed	
<b>Current Condition:</b>	Removed - Due to establishment of vegetation, erosion control matting will no longer be inspected as a BMP.				
EM 2	Erosion Control Matting	West side of site		Removed	
<b>Current Condition:</b>	Removed - Due to establishment of vegetation, erosion control matting will no longer be inspected as a BMP.				
SF 1	Silt Fence	Southern side of site		Removed	
<b>Current Condition:</b>	Removed - BMP no longer being recommended because of stabilization of area.				
SF 2	Silt Fence	Southern side of site		Removed	
<b>Current Condition:</b>	Removed - BMP no longer being recommended because of stabilization of area.				
SF 3	Silt Fence	Southern side of site		Removed	
<b>Current Condition:</b>	Removed - John Navarro stabilized the area prior to inspection on 3/6/18 and the silt fence is no longer required.				
SF 4	Silt Fence	Northern side of site		Removed	
<b>Current Condition:</b>	Removed - BMP no longer being recommended because of stabilization of area.				
IP 1	Inlet Protection	Southern side of site		Removed	
<b>Current Condition:</b>	Removed - BMP no longer being recommended because of stabilization of area.				
STR	Street Cleaning	streets	5/1/2007	Active	No
<b>Current Condition:</b>	Good Condition - Pacesetter Homes scraped up dirt from the street in front of lot 297 prior to 6/19/17. Pacesetter Homes cleaned the track out from along lot 292 prior to 7/13/17. Regency Homes cleaned the track out in front of lot 329. Track out was cleaned in front of lot 302 prior to inspection on 10/9/17. Street in between trail entrance and park was cleaned prior to inspection on 5/9/18. Dostal Construction cleaned the streets prior to inspection on 6/4/19. Pacesetter Homes cleaned the street in front of Lot 81 prior to the 9/30/19 inspection.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
<b>Current Condition:</b>	Good Condition - 48th and Birchwood Drive				
<b>Certification Statement:</b>	"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fines and imprisonment for knowing violations."				
<b>Inspector Signature:</b>				<b>Reviewed By:</b>	