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

*Engineering Answers*

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 Environmental Services Dept. Manager

**E&A - P2005.198.000**

|                           |  |              |
|---------------------------|--|--------------|
| Inspector: Ethan Anderson |  | Stage        |
| Project Name:             | <b>Clearwater Falls<br/>CSW-201701144</b>                  | 3            |
| For Week Ending:          | <b>6/8/2024</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            | 1.12"            |                |                    |                 | 6:55 PM - 12:00 AM   |
| Monday            | 0.19"            | 5/13/2024      | Cloudy 68/57       | 12:25 PM        |                      |
| Tuesday           | 0.00"            |                |                    |                 |                      |
| Wednesday         | 0.26"            |                |                    |                 | 5:55 PM - 6:55 PM    |
| Thursday          | 0.00"            | 5/16/2024      | Sunny 78/55        | 10:20 AM        |                      |
| Friday            | 0.00"            |                |                    |                 |                      |
| Saturday          | 0.00"            |                |                    |                 |                      |
|                   |                  |                |                    |                 | <b>Week 2</b>        |
| Sunday            | 0.20"            |                |                    |                 |                      |
| Monday            | 0.00"            |                |                    |                 |                      |
| Tuesday           | 2.16"            |                |                    |                 | 1:45 AM - 7:00 PM    |
| Wednesday         | 0.00"            | 5/22/2024      | Sunny 76/52        | 11:35 AM        |                      |
| Thursday          | 0.00"            |                |                    |                 |                      |
| Friday            | 0.54"            | 5/24/2024      | Sunny 72/48        | 9:50 AM         | 2:45 AM - 5:00 AM    |
| Saturday          | 0.14"            |                |                    |                 |                      |
|                   |                  |                |                    |                 | <b>Week 3</b>        |
| Sunday            | 0.14"            |                |                    |                 | 12:55 AM             |
| Monday            | 0.00"            |                |                    |                 |                      |
| Tuesday           | 0.00"            |                |                    |                 |                      |
| Wednesday         | 0.00"            |                |                    |                 |                      |
| Thursday          | 1.02"            |                |                    |                 | 17:55 - 18:55        |
| Friday            | 0.04"            | 5/31/2024      | Cloudy 71/62       | 8:50 PM         |                      |
| Saturday          | 0.00"            |                |                    |                 |                      |
|                   |                  |                |                    |                 | <b>Week 4</b>        |
| Sunday            | 0.66"            |                |                    |                 | 7:55 AM - 9:55 AM    |
| Monday            | 0.01"            | 6/3/2024       | Cloudy 87/63       | 10:20 AM        |                      |
| Tuesday           | 0.00"            |                |                    |                 |                      |
| Wednesday         | 0.00"            |                |                    |                 |                      |
| Thursday          | 0.00"            |                |                    |                 |                      |
| Friday            | 0.05"            |                |                    |                 |                      |
| Saturday          | 0.00"            |                |                    |                 |                      |
|                   |                  |                |                    |                 | <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?**

Yes

Create Corrective Action?

N/A

**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.**

No

Create Corrective Action?

No, See Findings Section.

**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.



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

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

1.) No maintenance is required in the BMP Section.

2.) Dostal's Construction was repairing the erosion rills along the walking trail next to the basin prior to and during the inspection on 6/3/24.

| 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. |                |                        |         |             |
| 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.   |                |                        |         |             |
| 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.   |                |                        |         |             |

| Clearwater Falls Park Improvements |   |                        |            |                     |   |
|------------------------------------|---|------------------------|------------|---------------------|---|
| 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.   |                        |            |                     |   |
| Clearwater Falls Trail             |   |                        |            |                     |   |
| 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> |  |