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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: Hannah Herzfeld |  | Stage        |
| Project Name:              | <b>Clearwater Falls<br/>CSW-201701144</b>                  | 3            |
| For Week Ending:           | <b>4/10/2021</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% | 99%  |  |  |
| Utilities:           | 100% | N/A  |  |  |
| Overall Development: | 99%  | 99%  |  |  |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions  | Time    |               |
|-------------------|------------------|----------------|---------------------|---------|---------------|
|                   |                  |                |                     |         | <b>Week 1</b> |
| Sunday:           | 5.61"            |                |                     |         |               |
| Monday:           | 0.00"            |                |                     |         |               |
| Tuesday:          | 0.00"            | 3/16/2021      | Showers 49/38       | 8:30 AM |               |
| Wednesday:        | 0.00"            |                |                     |         |               |
| Thursday:         | 0.00"            |                |                     |         |               |
| Friday:           | 0.00"            |                |                     |         |               |
| Saturday:         | 0.00"            |                |                     |         |               |
|                   |                  |                |                     |         | <b>Week 2</b> |
| Sunday:           | 0.00"            |                |                     |         |               |
| Monday:           | 0.28"            |                |                     |         |               |
| Tuesday:          | 0.47"            |                |                     |         |               |
| Wednesday:        | 0.00"            |                |                     |         |               |
| Thursday:         | 0.00"            | 3/26/2021      | Mostly Cloudy 56/44 | 8:15 AM |               |
| Friday:           | 0.02"            |                |                     |         |               |
| Saturday:         | 0.00"            |                |                     |         |               |
|                   |                  |                |                     |         | <b>Week 3</b> |
| Sunday:           | 0.00"            |                |                     |         |               |
| Monday:           | 0.00"            |                |                     |         |               |
| Tuesday:          | 0.00"            |                |                     |         |               |
| Wednesday:        | 0.00"            |                |                     |         |               |
| Thursday:         | 0.00"            |                |                     |         |               |
| Friday:           | 0.00"            |                |                     |         |               |
| Saturday:         | 0.00"            |                |                     |         |               |
|                   |                  |                |                     |         | <b>Week 4</b> |
| Sunday:           | 0.00"            |                |                     |         |               |
| Monday:           | 0.00"            |                |                     |         |               |
| Tuesday:          | 0.12"            |                |                     |         |               |
| Wednesday:        | 0.54"            |                |                     |         |               |
| Thursday:         | 0.10"            |                |                     |         |               |
| Friday:           | 0.00"            | 4/9/2021       | Cloudy 63/0         | 6:40 PM |               |
| 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.

**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.

**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).

**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.**

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:**



Inactive built out residential subdivision.

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

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

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

| 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. |              |                        |         |             |
| Lot 81                    | Individual Lot   | Lot 81       |                        | Removed |             |
| <b>Current Condition:</b> | Removed - Pacesetter Homes sodded the lot prior to inspection on 9/30/19.  |              |                        |         |             |
| Lot 297                   | Individual Lot   | Lot 297      |                        | Removed |             |
| <b>Current Condition:</b> | Removed - Pacesetter Homes sodded the lot prior to inspection on 8/12/19.  |              |                        |         |             |
| Pod F                     | Silt Fence   | Lots 426-454 |                        | Removed |             |
| <b>Current Condition:</b> | Removed - Lots 427 and 428 were sodded prior to 12/1/2015 by Celebrity Homes.  |              |                        |         |             |
| Pod G                     | Silt Fence   | Lots 404-425 |                        | Removed |             |
| <b>Current Condition:</b> | Removed - Lot 404 was sodded prior to 6/29/2016. Pod has been built out.   |              |                        |         |             |
| Pod H                     | Silt Fence   | Lots 455-473 |                        | Removed |             |
| <b>Current Condition:</b> | Removed - Lot 460 was sodded by Celebrity Homes prior to the inspection on 4/25/2015.  |              |                        |         |             |
| Pod I                     | Silt Fence   | Lots 346-355 |                        | Removed |             |
| <b>Current Condition:</b> | Removed - Lot 355 was sodded prior to 8/18/2015 by Celebrity Homes.  |              |                        |         |             |

|   |  |                       |   |         |    |
|---|--|-----------------------|---|---------|----|
| Pod J   | Silt Fence   | Lots 381-394          |   | Removed |    |
| <b>Current Condition:</b>   | Removed - Pod J is built out as of 8/12/2016.  |                       |   |         |    |
| Pod K   | Silt Fence   | Lots 372-403          |   | Removed |    |
| <b>Current Condition:</b>   | Removed - Celebrity Homes sodded lot 379 prior to 11/22/16 completing the pod.   |                       |   |         |    |
| Pod L   | Silt Fence   | Lots 371-356          |   | Removed |    |
| <b>Current Condition:</b>   | Removed - Celebrity Homes sodded lots 364, and 361-359 completing the pod.   |                       |   |         |    |
| SB 1  | Sediment Basin   | Outlot "M"            | In Place  | Active  | No |
| <b>Current Condition:</b>   | Good Condition - 26% 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.  |                       |   |         |    |
| SB 2  | Sediment Basin   | Outlot "L"            | 11/17/2009  | Active  | No |
| <b>Current Condition:</b>   | Good Condition - 16% Filled<br>- 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<br>- Cleaned out 02/06   |                       |   |         |    |
| <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>Inspector Signature:</b>  |  |                       | <b>Reviewed By:</b>  |         |    |