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

*Engineering Answers*

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

**E&A- P2003.191.000**

|                           |   |              |
|---------------------------|---|--------------|
| Inspector: Josh Ellington |   | Stage        |
| Project Name:             | <b>Newport Hill<br/>CSW-202206288</b>                             | 3            |
| For Week Ending:          | <b>12/9/2023</b>  |              |
| Project Location:         | <b>180th St and NE Highway 36- Bennington NE (Douglas County)</b> | <b>68007</b> |

|                      |      |  |  |  |
|----------------------|------|--|--|--|
| Grading:             | 100% |  |  |  |
| Sanitary Sewer:      | 100% |  |  |  |
| Storm Sewer:         | 100% |  |  |  |
| Paving:              | 100% |  |  |  |
| Seeding:             | 100% |  |  |  |
| Utilities:           | 100% |  |  |  |
| Overall Development: | 92%  |  |  |  |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions | Time     |               |
|-------------------|------------------|----------------|--------------------|----------|---------------|
|                   |                  |                |                    |          | <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:           | <b>0.02"</b>     |                |                    |          |               |
| Monday:           | <b>0.14"</b>     | 11/20/2023     | Cloudy 44          | 10:45 AM |               |
| Tuesday:          | 0.00"            |                |                    |          |               |
| 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         | 0.00"            |                |                    |          |               |
| Thursday          | 0.00"            |                |                    |          |               |
| Friday            | 0.00"            |                |                    |          |               |
| Saturday          | 0.00"            |                |                    |          |               |
|                   |                  |                |                    |          | <b>Week 4</b> |
| Sunday:           | 0.00"            |                |                    |          |               |
| Monday            | 0.00"            |                |                    |          |               |
| Tuesday           | 0.00"            |                |                    |          |               |
| Wednesday         | 0.00"            |                |                    |          |               |
| Thursday          | 0.00"            |                |                    |          |               |
| Friday            | 0.00"            |                |                    |          |               |
| Saturday          | 0.00"            |                |                    |          |               |
|                   |                  |                |                    |          | <b>Week 5</b> |
| Sunday:           | <b>N/A</b>       |                |                    |          |               |
| Monday            | <b>N/A</b>       |                |                    |          |               |
| Tuesday           | <b>N/A</b>       |                |                    |          |               |
| Wednesday         | <b>N/A</b>       |                |                    |          |               |

|          |     |  |  |  |  |
|----------|-----|--|--|--|--|
| Thursday | N/A |  |  |  |  |
| Friday   | N/A |  |  |  |  |
| Saturday | N/A |  |  |  |  |

|                    |      |
|--------------------|------|
| <b>Complaints:</b> | 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?

Entire Site, grading was completed on 6/11/2007.

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days? :

Entire Site, grading was completed on 6/11/2007.

What temporary or permanent stabilization measures listed in this section are being implemented?

Seeded (6/2007), Re-seeded (9/2007), Paving (9/2007), Seeded (4/2008), Small drainage ditch behind lot 41 was seeded and matted (4/21/2015) The sidewalk by the entrance was seeded and matted (3/7/2018). OL B next to lot 74 was seeded (11/4/2019). River rock rip rap was installed at the flared end on OL B (12/2/2019). **Erosion behind Lot 36 was backfilled and stabilized (11/20/23).**

**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 BMPs and 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:**

The site was inactive during the last inspection.

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

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



- 1.) No maintenance is required in the BMP section.
- 2.) Outlot D has been disturbed by homeowner of Lot 36 prior to inspection on 6/27/18. E&A will monitor. Some BMPs are in place and needing maintenance.
  - a. straw wattles along outlot need cleaned out
  - b. erosion rills need backfilled and seeded

Maintenance responsibility is currently being determined by SID department. E&A will monitor. Maintenance responsibility is still being determined as of last inspection. E&A inspector is awaiting SID department's update as of April 2020. Area is currently being litigated as of 3/2021. E&A will inspector will update when more information is known. **Erosion behind Lot 36 in Outlot D has been backfilled and stabilized prior to the 11/20/23 inspection.**

- 3.) Construction activity was observed along the back of Lot 72 during the inspection on 2/15/23. E&A inspector will monitor and make recommendations as necessary. **Construction activity was finished at the back of Lot 72 prior to the 11/20/23 inspection.**

| Unique Name               | Type   | Location                                 | Projected Install Date | Status  | Maintenance |
|---------------------------|--|--|------------------------|---------|-------------|
| DS 1                      | Swale  | South of Northern Dr. between SB 1 and 2 |                        | Removed |             |
| <b>Current Condition:</b> | Removed - The diversion was removed prior to inspection on 5/2/17. |  |                        |         |             |

|                           |  |   |           |         |    |
|---------------------------|--|---|-----------|---------|----|
| DS 9                      | Swale  | West of 182nd Cir.<br>towards SB 4                          |           | Removed |    |
| <b>Current Condition:</b> | Removed - The diversion was removed prior to inspection on 5/2/17.   |   |           |         |    |
| DS 12                     | Swale  | East of Northern Dr.<br>and 182nd Cir towards<br>SB 5       |           | Removed |    |
| <b>Current Condition:</b> | Removed - The diversion was removed prior to inspection on 5/2/17.   |   |           |         |    |
| DS 13                     | Swale  | East of Star grass Rd<br>towards SB 6                       |           | Removed |    |
| <b>Current Condition:</b> | Removed - No diversion swale was observed during the inspection on 12/8/17.  |   |           |         |    |
| DS 14                     | Swale  | North of Star grass Rd<br>towards SB 6                      |           | Removed |    |
| <b>Current Condition:</b> | Removed - No diversion swale was observed during the inspection on 12/8/17.  |   |           |         |    |
| Lot 24                    | Silt Fence   | Lot 24  |           | Removed |    |
| <b>Current Condition:</b> | Removed - Nilius Builders sodded the lot prior to the inspection on 7/31/21.   |   |           |         |    |
| Lot 42                    | Individual Lot   | Lot 42  |           | Removed |    |
| <b>Current Condition:</b> | Removed - D and D Leasing sodded the lot and grass has grown to stabilization as of the inspection on 11/22/21.  |   |           |         |    |
| Lot 73                    | Individual Lot   | Lot 73  |           | Removed |    |
| <b>Current Condition:</b> | Removed - The homeowner (Mr. Dean Hanish) sodded the lot prior to the inspection on 11/01/22.  |   |           |         |    |
| Lot 84                    | Individual Lot   | Lot 84  |           | Removed |    |
| <b>Current Condition:</b> | Removed - Russ Knapp sodded the lot prior to the inspection on 7/7/21.   |   |           |         |    |
| Lot 88                    | Individual Lot   | Lot 88  |           | Removed |    |
| <b>Current Condition:</b> | Removed - Ideal Designs sodded the lot prior to inspection on 4/22/21.   |   |           |         |    |
| Outlot B                  | Silt Fence   | Outlot B  |           | Removed |    |
| <b>Current Condition:</b> | Removed-Silt fence checks and silt fence were removed by the SID in the outlot prior to 10/6/2020  |   |           |         |    |
| SF 1                      | Silt Fence   | South of Lot 21   |           | Removed |    |
| <b>Current Condition:</b> | Removed - Woodland Homes removed the silt fence prior to inspection on 8/16/18.  |   |           |         |    |
| SB 1                      | Sediment Basin   | South of Northern Dr.<br>on southwest corner of<br>site     |           | Removed |    |
| <b>Current Condition:</b> | Removed - Basin was closed prior to inspection on 9/25/18.   |   |           |         |    |
| SB 2                      | Sediment Basin   | South of Northern Dr.<br>between 185th St and<br>184th St.  | 4/9/2007  | Active  | No |
| <b>Current Condition:</b> | Good Condition - 29% Filled. The volunteer trees were removed from the basin prior to the 3/20/15 inspection. Cleanout mark repainted by E&A inspector on 3/30/2020.   |   |           |         |    |
| SB 3                      | Sediment Basin   | South of Northern Dr.<br>between 182th St and<br>184th St.  | 4/6/2007  | Active  | No |
| <b>Current Condition:</b> | Good Condition - 43% Filled. The volunteer trees were removed from the basin prior to the 3/20/15 inspection. Basin was mowed prior to inspection on 8/16/18. Minor riser damage was observed during inspection on 8/13/19. Cleanout mark repainted by E&A inspector on 3/30/2020. |   |           |         |    |
| SB 4                      | Sediment Basin   | South of Northern Dr.<br>between 182th St and<br>184th St.  | 4/6/2007  | Active  | No |
| <b>Current Condition:</b> | Good Condition - 31% Filled. The volunteer trees were removed from the basin prior to the 3/20/15 inspection. Cleanout mark repainted by E&A inspector on 3/30/2020.   |   |           |         |    |
| SB 5                      | Sediment Basin   | East of 182nd Cir.  |           | Removed |    |
| <b>Current Condition:</b> | Removed - Basin was closed prior to inspection on 8/16/18.   |   |           |         |    |
| SB 6                      | Sediment Basin   | Northeast of Star grass<br>Rd.                              | 4/9/2007  | Active  | No |
| <b>Current Condition:</b> | Good Condition - 48% Filled - The SID cut down volunteer trees prior to the 2/23/16 inspection. Cleanout mark repainted by E&A inspector on 3/30/2020.   |   |           |         |    |
| SB 7                      | Sediment Basin   | North of Star grass Rd.<br>East of 182nd St.                | 4/9/2007  | Active  | No |
| <b>Current Condition:</b> | Good Condition - 42% Filled - The SID cut down volunteer trees prior to the 2/23/16 inspection. There is erosion at the outfall. E&A will monitor. Cleanout mark repainted by E&A inspector on 3/30/2020.  |   |           |         |    |
| SB 8                      | Sediment Basin   | North of Star grass Rd.<br>between 184th St and<br>182nd St | 4/20/2007 | Active  | No |
| <b>Current Condition:</b> | Good Condition - 49% Filled - The SID cut down volunteer trees prior to the 2/23/16 inspection. Cleanout mark repainted by E&A inspector on 3/30/2020.   |   |           |         |    |

| STR                             | Streets   | Entire Site | 3/20/2007           | Active | No  |
|---------------------------------|---|-------------|---------------------|--------|---|
| <b>Current Condition:</b>       | Good Condition - Streets in front of Lot 77 were cleaned prior to inspection on 9/4/18. Streets were cleaned in front of lots 42, 50 and 86 prior to inspection on 10/10/18. Streets were cleaned in 182nd Circle prior to inspection on 12/4/18. Streets were cleaned in 182nd Circle prior to inspection on 6/24/19. Homestead Custom Builders cleaned the streets in front of Lot 74 prior to inspection on 9/10/19. Streets were cleaned by JD Martinez and Knapp Custom Homes prior to 9/20/2019   |             |                     |        |   |
| SWPPP signs                     | Signs   | 1 sign      | 8/19/2008           | Active | No  |
| <b>Current Condition:</b>       | Good Condition - SW corner of 180th St and Northern Hills Dr.   |             |                     |        |   |
| <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> |        |  |