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Engineering Answers

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

E&A - P2005.198.000

| | | |
|-------------------------|--|--------------|
| Inspector: Bryce Wright | | Stage |
| Project Name: | Clearwater Falls CSW-201701144 | 3 |
| For Week Ending: | 4/9/2022 | |
| Project Location: | 48th and Fairview Road- Bellevue, NE (Sarpy County) | 68123 |

| | | | | |
|----------------------|------|------|--|--|
| 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 | Time | |
|-------------------|------------------|----------------|--------------------|----------|---------------|
| | | | | | Week 1 |
| Sunday: | 0.00" | | | | |
| Monday | 0.00" | | | | |
| Tuesday | 0.00" | | | | |
| Wednesday | 0.00" | | | | |
| Thursday | 0.01" | | | | |
| Friday | 0.53" | 3/18/2022 | Mostly Cloudy 45 | 12:00 PM | |
| Saturday | 0.00" | | | | |
| | | | | | Week 2 |
| Sunday: | 0.00" | | | | |
| Monday: | 0.36" | | | | |
| Tuesday: | 0.50" | | | | |
| Wednesday: | 0.00" | 3/23/2022 | Overcast 38 | 10:15 AM | |
| Thursday: | 0.00" | | | | |
| Friday: | 0.00" | | | | |
| Saturday: | 0.00" | | | | |
| | | | | | Week 3 |
| Sunday: | 0.00" | | | | |
| Monday | 0.00" | | | | |
| Tuesday | 0.00" | | | | |
| Wednesday | 0.00" | | | | |
| Thursday | 0.04" | | | | |
| Friday | 0.00" | | | | |
| Saturday | 0.00" | | | | |
| | | | | | Week 4 |
| Sunday: | 0.00" | | | | |
| Monday | 0.00" | | | | |
| Tuesday | 0.00" | | | | |
| Wednesday | 0.00" | | | | |
| Thursday | 0.06" | | | | |
| Friday | 0.02" | | | | |
| Saturday | 0.00" | | | | |
| | | | | | Week 5 |
| 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:

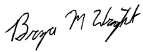

Inactive built out residential subdivision.

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 | |
| Current Condition: | Removed - Celebrity Homes removed the concrete washout prior to inspection on 11/12/2015. | | | | |
| CW 6 | Concrete Washout | Lot 359 | | Removed | |
| Current Condition: | Removed - Washout pit was removed by Celebrity Homes prior to 3/30/2016. | | | | |
| CW 7 | Concrete Washout | Lot 361 | | Removed | |
| Current Condition: | 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 | |
| Current Condition: | Removed - Pacesetter Homes sodded the lot prior to inspection on 9/30/19. | | | | |
| Lot 297 | Individual Lot | Lot 297 | | Removed | |
| Current Condition: | Removed - Pacesetter Homes sodded the lot prior to inspection on 8/12/19. | | | | |
| Pod F | Silt Fence | Lots 426-454 | | Removed | |
| Current Condition: | Removed - Lots 427 and 428 were sodded prior to 12/1/2015 by Celebrity Homes. | | | | |
| Pod G | Silt Fence | Lots 404-425 | | Removed | |
| Current Condition: | Removed - Lot 404 was sodded prior to 6/29/2016. Pod has been built out. | | | | |
| Pod H | Silt Fence | Lots 455-473 | | Removed | |
| Current Condition: | Removed - Lot 460 was sodded by Celebrity Homes prior to the inspection on 4/25/2015. | | | | |
| Pod I | Silt Fence | Lots 346-355 | | Removed | |
| Current Condition: | Removed - Lot 355 was sodded prior to 8/18/2015 by Celebrity Homes. | | | | |

| | | | | | |
|---------------------------------|---|-----------------------|---|---------|----|
| Pod J | Silt Fence | Lots 381-394 | | Removed | |
| Current Condition: | Removed - Pod J is built out as of 8/12/2016. | | | | |
| Pod K | Silt Fence | Lots 372-403 | | Removed | |
| Current Condition: | Removed - Celebrity Homes sodded lot 379 prior to 11/22/16 completing the pod. | | | | |
| Pod L | Silt Fence | Lots 371-356 | | Removed | |
| Current Condition: | Removed - Celebrity Homes sodded lots 364, and 361-359 completing the pod. | | | | |
| SB 1 | Sediment Basin | Outlot "M" | In Place | Active | No |
| Current Condition: | Good Condition - 0% 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. | | | | |
| SB 2 | Sediment Basin | Outlot "L" | 11/17/2009 | Active | No |
| Current Condition: | 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 |
| Current Condition: | Good Condition - 21% Filled - Cleaned out 02/06 | | | | |
| Clearwater Falls Trail | | | | | |
| CD 1 | Check Dam | Northern side of site | | Removed | |
| Current Condition: | 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 | |
| Current Condition: | 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 | |
| Current Condition: | 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 | |
| Current Condition: | Removed - BMP no longer being recommended because of stabilization of area. | | | | |
| SF 2 | Silt Fence | Southern side of site | | Removed | |
| Current Condition: | Removed - BMP no longer being recommended because of stabilization of area. | | | | |
| SF 3 | Silt Fence | Southern side of site | | Removed | |
| Current Condition: | 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 | |
| Current Condition: | Removed - BMP no longer being recommended because of stabilization of area. | | | | |
| IP 1 | Inlet Protection | Southern side of site | | Removed | |
| Current Condition: | Removed - BMP no longer being recommended because of stabilization of area. | | | | |
| STR | Street Cleaning | streets | 5/1/2007 | Active | No |
| Current Condition: | 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 |
| Current Condition: | Good Condition - 48th and Birchwood Drive | | | | |
| Certification Statement: | "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." | | | | |
| Inspector Signature: |  | | Reviewed By:  | | |