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E & A CONSULTING GROUP, INC.
Engineering Answers

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 Environmental Services Dept. Manager

E&A- P2015.717.000

| | | |
|---------------------------|--|--------------|
| Inspector: Josh Ellington | | Stage |
| Project Name: | McGregor Brae Subdivision @ 156th & Highway 36 (Bennington Storage) CSW-202206443 | 3 |
| For Week Ending: | 2/10/2024 | |
| Project Location: | 12616 N. 156th Street, Bennington, NE (Douglas County) | 68007 |

| | | | | |
|----------------------|------|--|--|--|
| Grading: | 100% | | | |
| Sanitary Sewer: | 100% | | | |
| Storm Sewer: | 100% | | | |
| Paving: | 100% | | | |
| Seeding: | 90% | | | |
| Utilities: | 100% | | | |
| Overall Development: | 95% | | | |

| 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 | 0.00" | | | | |
| Friday | 0.00" | | | | |
| Saturday | 0.00" | | | | |
| | | | | | Week 2 |
| Sunday: | 0.00" | | | | |
| Monday: | 0.00" | | | | |
| Tuesday: | 0.00" | | | | |
| Wednesday: | 0.00" | | | | |
| Thursday: | 0.00" | | | | |
| Friday: | 0.00" | | | | |
| Saturday: | 0.00" | | | | |
| | | | | | Week 3 |
| Sunday: | 0.00" | | | | |
| Monday | 0.00" | | | | |
| Tuesday | 0.00" | | | | |
| Wednesday | 0.00" | | | | |
| Thursday | 0.00" | | | | |
| Friday | 0.00" | | | | |
| Saturday | 0.00" | | | | |
| | | | | | Week 4 |
| Sunday: | 0.00" | | | | |
| Monday | 0.00" | | | | |
| Tuesday | 0.00" | | | | |
| Wednesday | 0.04" | | | | |
| Thursday | 0.00" | 2/8/2024 | Cloudy 53 | 12:30 PM | |
| Friday | 0.00" | | | | |
| 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?

Entire site scheduled for grading in the next 2 weeks (4/28/2017). Site stripped (5/17/2017). Grading was underway (6/05/2017). Grading was completed prior to the inspection on 6/30/2017. Minor grading to be completed at a later time. Grading was active on the southern portion of the site (7/2/2018). The southeast portion of the site grading was completed (7/18/2018). The post construction basins were cleaned out (9/18/2018). The area west of the storage units was graded for new construction (10/9/2018). Major grading complete, minor grading possible at a later date (5/8/2019). ROW along road disturbed by water installation (12/31/2019). Western portion of site disturbed by water installation (5/25/2020). Utility installation along Spruce Street (11/11/2020).

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 scheduled for grading in the next 2 weeks (4/28/2017). Site stripped (5/17/2017). Grading was underway (6/05/2017). Grading was completed prior to the inspection on 6/30/2017. Minor grading to be completed at a later time. Grading was active on the southern portion of the site (7/2/2018). The southeast portion of the site grading was completed (7/18/2018). The post construction basins were cleaned out (9/18/2018). The area west of the storage units was graded for new construction (10/9/2018). Major grading complete, minor grading possible at a later date (5/8/2019). ROW along road disturbed by water installation (12/31/2019). Western portion of site disturbed by water installation (5/25/2020). Utility installation along Spruce Street (11/11/2020).

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

Existing vegetation (4/28/2017). Prairie Construction seeded the site (8/16/2017). Prairie Construction installed erosion control matting on the northeast corner of the site (8/16/2017). Prairie Construction installed erosion control matting on the south, east, and northern borders of the site BMPs EM1-EM5 (8/21/2017). The area north of Building A was seeded and matted (12/13/2017). The area North of Building C was seeded and matted (1/10/2018). The area along the entrance to the old storage units was seeded and matted (2/20/2018). The inside slopes of the sediment basin were seeded and matted (4/18/2019). The slopes to the east and south of the sediment basin were seeded and matted (8/10/2018). The area around CS 1 was seeded (8/15/2018). The area around both post construction basins and all storage units was seeded and matted (9/18/2018). Seeding and matting along the ROW on storage unit lot and ROW along HWY 30 (4/15/2020). Seeding and matting over SB 1 outlet pipe and ROW of N. 156th Street (4/14/2022).

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 measures 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:**



The site was inactive during the most recent inspection. The storage units are open and operating.

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

1.) Some maintenance required in BMP Section.

| Unique Name | Type | Location | Projected Install Date | Status | Maintenance |
|---------------------------|--|-------------------------|------------------------|---------|-------------|
| CE1 | Construction Entrance | N. 156th Street | | Removed | |
| Current Condition: | Removed - The temporary construction entrance was removed prior to the inspection on 7/16/18. | | | | |
| CE 2 | Construction Entrance | N. 156th Street | | Removed | |
| Current Condition: | Removed - Prairie Construction paved the entrance prior to the inspection on 5/14/18. | | | | |
| CW 1 | Concrete Washout | On Site | | Removed | |
| Current Condition: | Removed - Development level paving appears complete as of 11/6/19. Future concrete work will be handled on a lot by lot basis. | | | | |
| D 1 | Diversion | North side of Site | | Removed | |
| Current Condition: | Removed - The diversion has silted in, but due to heavy vegetation is no longer needed as of the inspection on 5/22/18. | | | | |
| D 2 | Diversion | South East site of Site | | Removed | |
| Current Condition: | Removed - The diversion has silted in, but due to heavy vegetation is no longer needed as of the inspection on 5/22/18. | | | | |
| D 3 | Diversion | South side of site | | Removed | |
| Current Condition: | Removed - Due to the storm sewer being installed the diversion is no longer needed as of the inspection on 5/22/18. | | | | |
| D 4 | Diversion | North of SB 2 | | Removed | |
| Current Condition: | Removed - Due to the storm sewer being installed the diversion is no longer needed as of the inspection on 4/18/19. | | | | |
| EC 1 | Erosion Control Transition Matting | Outfall of SB 1 | 4/14/2022 | Active | No |
| Current Condition: | Good Condition - Geoff McGregor installed the Shoremax Transition Mat at the outfall of SB 1 prior to the inspection on 4/14/22. | | | | |
| EM 1 | Erosion Control Matting | SE corner of site | 3/26/2018 | Active | No |
| Current Condition: | Good Condition - Prairie Construction seeded and matted the slopes around SB 1 prior to inspection on 8/10/18. | | | | |
| EM 2 | Erosion Control Matting | South side of site | 8/21/2017 | Active | No |
| Current Condition: | Good Condition - Prairie Construction installed erosion control matting prior to the inspection on 8/21/17. | | | | |
| EM 3 | Erosion Control Matting | SW corner of site | 8/21/2017 | Active | No |
| Current Condition: | Good Condition - Prairie Construction installed erosion control matting prior to the inspection on 8/21/17. | | | | |
| EM 4 | Erosion Control Matting | West side of site | 8/21/2017 | Active | No |
| Current Condition: | Good Condition - Prairie Construction installed erosion control matting prior to the inspection on 8/21/17. | | | | |
| EM 5 | Erosion Control Matting | NW corner of site | 8/16/2016 | Active | No |
| Current Condition: | Good Condition - Prairie Construction installed erosion control matting prior to the inspection on 8/21/17. | | | | |
| EM 6 | Erosion Control Matting | North side of site | 7/13/2017 | Active | No |
| Current Condition: | Good Condition- Prairie Construction installed erosion control matting prior to the inspection on 11/10/18. | | | | |
| EM 7 | Erosion Control Matting | North side of site | 7/13/2017 | Active | No |
| Current Condition: | Good Condition - Prairie Construction installed the erosion control matting prior to the inspection on 12/13/17. | | | | |
| EM 8 | Erosion Control Matting | East side of site | | Removed | |
| Current Condition: | Removed - EM 8 was improperly placed onto the report. It is not present on the SWPPP. | | | | |
| IP 1 | Inlet Protection | SE corner of buildings | | Removed | |
| Current Condition: | Removed - All areas that drain to the inlet are stabilized/paved as of 4/11/19. | | | | |
| IP 2 | Inlet Protection | SE corner of buildings | | Removed | |
| Current Condition: | Removed - All areas that drain to the inlet are stabilized/paved as of 4/11/19. | | | | |

| | | | | | |
|---------------------------|--|---|-----------|---------|----|
| IP 3 | Inlet Protection | SE corner of buildings | | Removed | |
| Current Condition: | Removed - All areas that drain to the inlet are stabilized/paved as of 4/11/19. | | | | |
| IP 4 | Inlet Protection | South of buildings | | Removed | |
| Current Condition: | Removed - All areas that drain to the inlet are stabilized/paved as of 4/11/19. | | | | |
| IP 5 | Inlet Protection | SW corner of buildings | | Removed | |
| Current Condition: | Removed - All areas that drain to the inlet are stabilized/paved as of 4/11/19. | | | | |
| IP 6 | Straw Wattle | West of CE 1 | | Removed | |
| Current Condition: | Removed - Prairie Construction removed the straw wattle prior to the inspection on 6/2/18. | | | | |
| IP 7 | Straw Wattle | Near CE 1 | 5/22/2018 | Active | No |
| Current Condition: | Active - Prairie Construction removed the straw wattle in the inlet. The inlet is draining properly and the area is paved as of the inspection on 8/15/18. The inspector will continue to monitor. | | | | |
| IP 8 | Inlet Protection | SE corner of site | | Removed | |
| Current Condition: | Removed - Geoff McGregor stabilized the area around the inlet prior to the inspection on 4/15/20. | | | | |
| SF 1 | Silt Fence | All sides of site | | Removed | |
| Current Condition: | Removed - Geoff McGregor removed the silt fence prior to the inspection on 4/14/22. | | | | |
| SF 2 | Silt Fence | East side of site | | Removed | |
| Current Condition: | Removed - Prairie Construction removed the remaining portion of silt fence due to the area being seeded and matted prior to inspection on 8/10/18. | | | | |
| SF 3 | Silt Fence | Outfall of ST 1 | | Removed | |
| Current Condition: | Removed - Geoff McGregor removed the silt fence prior to the inspection on 4/14/22. Due to stabilization in the area, reinstallation will not be recommended. | | | | |
| SF 4 | Silt Fence | Outfall of ST 2 | | Removed | |
| Current Condition: | Removed - Geoff McGregor removed the silt fence prior to the inspection on 4/14/22. Due to stabilization in the area, reinstallation will not be recommended. | | | | |
| SF 5 | Silt Fence | Outfall of ST 3 | | Removed | |
| Current Condition: | Removed - Geoff McGregor removed the silt fence prior to the inspection on 4/14/22. Due to stabilization in the area, reinstallation will not be recommended. | | | | |
| SF 6 | Silt Fence | Outfall of ST 4 | | Removed | |
| Current Condition: | Removed - Geoff McGregor removed the silt fence prior to the inspection on 4/14/22. Due to stabilization in the area, reinstallation will not be recommended. | | | | |
| SF 7 | Silt Fence | East side of site at the intersection of 156th and Spruce Streets | | Removed | |
| Current Condition: | Removed - The straw wattle decomposed prior to the inspection on 4/14/22. Due to stabilization in the area, reinstallation will not be recommended. | | | | |
| SB 1 | Sediment Basin | SW corner of the site | 5/5/2017 | Active | No |
| Current Condition: | Good Condition - 5% full - Prairie Construction installed the inlet prior to the inspection on 3/24/18. Geoff McGregor backfilled and seeded/matted the erosion over the outfall pipe prior to the inspection on 4/14/22. Geoff McGregor painted the cleanout mark on the riser prior to the 7/17/23 inspection. Geoff McGregor patched the holes prior to the 7/17/23 inspection. | | | | |
| SB 2 | Sediment Basin | SE corner of the site | | Removed | |
| Current Condition: | Removed - Due to an updated SWPPP this basin is no longer needed prior to the inspection on 6/30/17. | | | | |
| ST 1 | Sediment Trap | NE corner of site | 6/30/2017 | Active | No |
| Current Condition: | Good Condition - 30% filled. Prairie Construction installed the silt trap prior to the inspection on 6/30/17. Geoff McGregor removed the tires from the silt trap prior to the 7/17/23 inspection. | | | | |
| ST 2 | Sediment Trap | East corner of site | 6/30/2017 | Active | No |
| Current Condition: | Good Condition - 30% filled. Prairie Construction installed the silt trap prior to the inspection on 6/30/17. | | | | |
| ST 3 | Sediment Trap | SE corner of site | 6/30/2017 | Active | No |
| Current Condition: | Good Condition - 30% filled. Prairie Construction installed the silt trap prior to the inspection on 6/30/17. | | | | |
| ST 4 | Sediment Trap | SE corner of site | 6/30/2017 | Active | No |
| Current Condition: | Good Condition - 49% filled - Prairie Construction installed the silt trap prior to the inspection on 6/30/17. The silt trap was mistakenly removed from the report. | | | | |
| SW 1 | Straw Wattle | North of Building C | | Removed | |
| Current Condition: | Removed - Prairie Construction removed the wattles due to seeding and matting of the area as of the inspection on 9/25/18. | | | | |
| SW 2 | Straw Wattle | South Side of Building C | | Removed | |
| Current Condition: | Removed - Prairie Construction removed the wattles due to seeding and matting of the area as of the inspection on 9/18/18. | | | | |
| STR | Streets | On Site | 4/28/2017 | Active | No |

| | | | | | |
|---------------------------------|---|-----------------|---------------------|--------|---|
| Current Condition: | Good Condition - The interior streets were cleaned by Geis Inc. prior to the inspection on 6/04/19. The intersection of 156th & Spruce Streets was free of sediment during the inspection on 4/15/20. The street was cleaned prior to the inspection on 7/12/21. | | | | |
| SWPPP Sign | SWPPP Sign | N. 156th Street | 6/24/2017 | Active | No |
| Current Condition: | Good Condition - The inspector installed the SWPPP sign prior to the inspection on 9/5/17. | | | | |
| 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: | |  |