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E & A CONSULTING GROUP, INC.

Engineering Answers

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 Environmental Services Dept. Manager

E&A- P2020.056.003

| | | |
|-----------------------|---|--------------|
| Inspector: Alex Brown | | Stage |
| Project Name: | 5Ds Transportation Trucking Terminal IA - 39263 - 38898 | 1 |
| For Week Ending: | 6/18/2022 | 51501 |
| Project Location: | Southwest of S 29th Street and 21st Avenue in Council Bluffs, IA (Pottawattamie County) | |

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

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions | Time | |
|-------------------|------------------|----------------|---------------------|----------|---------------|
| | | | | | Week 1 |
| Sunday | 0.01" | | | | |
| Monday | 0.00" | | | | |
| Tuesday | 0.01" | 6/14/2022 | Partly Cloudy 94/77 | 12:30 PM | |
| Wednesday | 1.81" | | | | |
| Thursday | 0.01" | | | | |
| Friday | 0.00" | | | | |
| Saturday | 0.00" | | | | |

| | |
|-------------|------|
| 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?
 Rough grading began on site (6/29/21). Began shaping PCSMP basin (7/20/21). Sanitary installation began on site (8/24/21). Paving on southern part of the site (9/21/21). Storm sewer installation began on site (9/28/21). Grading and sidewalk installation (12/14/21). Grading along the northern perimeter ROW (3/1/22). Grading ceased (3/8/22). Minor excavation for sprinkler system (4/12/22). Fine grading (4/26/22).

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days?
 Rough grading began on site (6/29/21). Began shaping PCSMP basin (7/20/21). Sanitary installation began on site (8/24/21). Paving on southern part of the site (9/21/21). Storm sewer installation began on site (9/28/21). Grading and sidewalk installation (12/14/21). Grading along the northern perimeter ROW (3/1/22). Grading ceased (3/8/22). Minor excavation for sprinkler system (4/12/22). Fine grading (4/26/22).

What temporary or permanent stabilization measures listed in this section are being implemented?
 Existing vegetation (6/29/21). Seeding / matting PCSMP basin (5/10/22). Sodding throughout the site (5/17/22).

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: 1.) Site is in use as a trucking terminal. 2.) Rich Engdahl began shaping the PCSMP basin on the western portion of the site during the inspection on 7/20/21. Rich Engdahl seeded / matted the basin prior to the 5/10/22 inspection. |
| Findings / Corrective Actions (Date): |
| Findings / Corrective Actions (Date): 1.) No maintenance is required in the BMP section. 2.) Rich Engdahl seeded / matted the basin prior to the 5/10/22 inspection. Rich Engdahl sodded the remainder of the site prior to the 5/17/22 inspection. E&A inspector will continue to monitor for vegetative growth in the PCSMP basin. |

| Unique Name | Type | Location | Projected Install Date | Status | Maintenance |
|---------------------------|---|----------|------------------------|---------|-------------|
| CE 01 | Construction Entrance | J3 | | Removed | |
| Current Condition: | Removed - Rich Engdahl paved the entrance prior to the inspection on 12/21/21. | | | | |
| CE 02 | Construction Entrance | Z7 | | Removed | |
| Current Condition: | Removed - Rich Engdahl paved the construction entrance prior to the inspection on 12/14/21. | | | | |
| CW 01 | Concrete Washout | On Site | | Removed | |
| Current Condition: | Removed - Rich Engdahl removed the concrete washout prior to the inspection on 3/1/22. | | | | |
| D 01 | Diversion Check | Z6 to Z8 | | Removed | |
| Current Condition: | Removed - The diversion check was regraded prior to the inspection on 8/10/21. | | | | |
| IP 01 | Inlet Protection | F13 | 8/29/2021 | Active | No |
| Current Condition: | Active - Rich Engdahl installed the inlet prior to the inspection on 12/21/21. Due to the area being paved, inlet protection is not recommended at this time. E&A inspector will continue to monitor. | | | | |
| IP 02 | Inlet Protection | F3 | 6/29/2021 | Active | No |
| Current Condition: | Active - This is an existing inlet located off of 21st Avenue. Rich Engdahl installed inlet protection prior to the 3/22/22 inspection. Rich Engdahl removed the inlet protection prior to the 6/7/22 inspection. Construction is complete and the area is sodded, so reinstallation will not be recommended. | | | | |
| IP 03 | Inlet Protection | F2 | 6/29/2021 | Active | No |
| Current Condition: | Active - This is an existing inlet located off of 21st Avenue. Due to the location of the inlet no BMP recommendation is needed at this time. E&A inspector will continue to monitor. | | | | |
| IP 04 | Inlet Protection | M4 | 8/29/2021 | Active | No |
| Current Condition: | Active - Rich Engdahl installed the inlet prior to the inspection on 10/26/21. Due to the area being paved, inlet protection is not recommended at this time. E&A inspector will continue to monitor. | | | | |
| IP 05 | Inlet Protection | P3 | 6/29/2021 | Active | No |
| Current Condition: | Active - This is an existing inlet located off of 21st Avenue. Rich Engdahl installed inlet protection prior to the 3/22/22 inspection. Rich Engdahl removed the inlet protection prior to the 6/7/22 inspection. Construction is complete and the area is sodded, so reinstallation will not be recommended. | | | | |
| IP 06 | Inlet Protection | P2 | 6/29/2021 | Active | No |
| Current Condition: | Active - This is an existing inlet located off of 21st Avenue. Due to the location of the inlet no BMP recommendation is needed at this time. E&A inspector will continue to monitor. | | | | |
| IP 07 | Inlet Protection | Q4 | 10/5/2021 | Active | No |
| Current Condition: | Active - Rich Engdahl installed the inlet prior to the inspection on 10/05/21. Due to the area being paved, inlet protection is not recommended at this time. E&A inspector will continue to monitor. | | | | |
| IP 08 | Inlet Protection | U4 | 10/5/2021 | Active | No |
| Current Condition: | Active - Rich Engdahl installed the inlet and inlet protection prior to the inspection on 10/05/21. Rich Engdahl removed the inlet protection prior to the 6/7/22 inspection. Construction is complete and the area is sodded, so reinstallation will not be recommended. | | | | |
| IP 09 | Inlet Protection | X3 | 6/29/2021 | Active | No |
| Current Condition: | Active - This is an existing inlet located off of 21st Avenue. Rich Engdahl installed inlet protection prior to the 3/22/22 inspection. Rich Engdahl removed the inlet protection prior to the 6/7/22 inspection. Construction is complete and the area is sodded, so reinstallation will not be recommended. | | | | |
| IP 10 | Inlet Protection | X2 | 6/29/2021 | Active | No |
| Current Condition: | Active - This is an existing inlet located off of 21st Avenue. Due to the location of the inlet no BMP recommendation is needed at this time. E&A inspector will continue to monitor. | | | | |
| IP 11 | Inlet Protection | Y6 | 10/5/2021 | Active | No |
| Current Condition: | Active - Rich Engdahl installed the inlet and inlet protection prior to the inspection on 10/05/21. Rich Engdahl removed the inlet protection prior to the 6/7/22 inspection. Construction is complete and the area is sodded, so reinstallation will not be recommended. | | | | |
| IP 12 | Inlet Protection | Y7 | 10/5/2021 | Active | No |
| Current Condition: | Active - Rich Engdahl installed the inlet and inlet protection prior to the inspection on 10/05/21. Rich Engdahl removed the inlet protection prior to the inspection on 11/23/21. Due to the area being paved, reinstallation is not recommended at this time. E&A inspector will continue to monitor. | | | | |
| IP 13 | Inlet Protection | Y8 | 10/5/2021 | Active | No |
| Current Condition: | Active - Rich Engdahl installed the inlet and inlet protection prior to the inspection on 10/05/21. Rich Engdahl removed the inlet protection prior to the inspection on 11/23/21. Due to the area being paved, reinstallation is not recommended at this time. E&A inspector will continue to monitor. | | | | |
| IP 14 | Inlet Protection | Y11 | 10/5/2021 | Active | No |
| Current Condition: | Active - Rich Engdahl installed the inlet and inlet protection prior to the inspection on 10/05/21. Rich Engdahl removed the inlet protection prior to the 6/7/22 inspection. Construction is complete and the area is sodded, so reinstallation will not be recommended. | | | | |
| PB 01 | Portable toilet | On Site | | Removed | |

| | | | | | |
|--------------------------------|---|------------------|-----------|---|----|
| Current Condition: | Removed - Rich Engdahl removed the portable toilet prior to the 5/17/22 inspection. | | | | |
| SF 01 - SF 06 | Silt Fence | G3 to B15 | | Removed | |
| Current Condition: | Removed - The city inspector pre-approved removal of SF 3-6 on 9/23/21. SF 3 and 4 were removed prior to the inspection on 10/05/21. Rich Engdahl removed the remaining section of SF 6 prior to the inspection on 11/30/21. As of 11/30/21, the City has approved silt fence removal in this area for sprinkler installation. Rich Engdahl removed all silt fence prior to the inspection on 12/14/21. | | | | |
| SF 07 - SF 12 | Silt Fence | B16 to P12 | | Removed | |
| Current Condition: | Removed - As of 11/30/21, the City has approved silt fence removal in this area. Rich Engdahl removed a majority of SF 7 - 12 prior to the inspection on 12/7/21. Rich Engdahl removed the remainder of SF 7 - 12 prior to the inspection on 3/8/22. | | | | |
| SF 13 - SF 17 | Silt Fence | S12 to Z5 | | Removed | |
| Current Condition: | Removed - As of 11/30/21, the City has approved silt fence removal in this area. Rich Engdahl removed SF 13 and SF 14 prior to the inspection on 12/7/21. Rich Engdahl removed SF 15 - 17 prior to the inspection on 3/8/22. | | | | |
| SF 18 - SF 22 | Silt Fence | Z3 to K3 | | Removed | |
| Current Condition: | Removed - Rich Engdahl removed the silt fence posts from SF 18 - 22 prior to the inspection on 12/14/21. Rich Engdahl removed the trenched silt fence fabric prior to the inspection on 3/1/22. | | | | |
| STR | Streets | On Site | 6/29/2021 | Active | No |
| Current Condition: | Good Condition - Rich Engdahl cleaned up the trackout on 21st Ave. prior to the inspection on 9/7/21. Rich Engdahl cleaned up trackout around CE 1 prior to the inspection on 10/12/21. Rick Engdahl cleaned up trackout around CE 02 prior to the inspection on 11/2/21. Minor sedimentation was observed around CE 1 during the 12/14/21 inspection. Rich Engdahl cleaned up the sediment around CE 1 prior to the 12/28/21 inspection. Rich Engdahl cleaned 21st Avenue prior to the 3/22/22 inspection. | | | | |
| SWPPP Sign 01 | SWPPP Signs | Adjacent to CE 1 | 8/3/2021 | Active | No |
| Current Condition: | Good Condition - The E&A inspector installed the SWPPP sign adjacent to CE 01 during the inspection on 8/3/21. The E&A inspector reinstalled the SWPPP sign during the 2/1/22 inspection. Rich Engdahl relocated the SWPPP sign to S 21st Avenue in anticipation of fine grading / sodding prior to the 4/26/22 inspection. | | | | |
| 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:  | |