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E & A CONSULTING GROUP, INC.
Engineering Answers

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

E&A- P2014.577.001

| | | |
|-------------------------|---|--------------|
| Inspector: Matt Vanicek | | Stage |
| Project Name: | Shelby High School NER115160 | 3 |
| For Week Ending: | 5/11/2019 | |
| Project Location: | Walnut St. and Washington St, Shelby, NE (Polk County) | 68662 |

| | | | | |
|----------------------|------|--|--|--|
| 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 | |
|-------------------|------------------|----------------|--------------------|---------------|
| | | | | Week 1 |
| Sunday: | 0.00" | | | |
| Monday | 0.00" | | | |
| Tuesday | 0.00" | | | |
| Wednesday | 0.02" | | | |
| Thursday | 0.00" | | | |
| Friday | 0.00" | | | |
| Saturday | 0.00" | | | |
| | | | | Week 2 |
| Sunday: | 0.42" | | | |
| Monday | 0.03" | 4/22/2019 | 65/50 Rain | |
| Tuesday | 0.00" | | | |
| Wednesday | 0.00" | | | |
| Thursday | 0.06" | | | |
| Friday | 0.31" | | | |
| Saturday | 0.05" | | | |
| | | | | Week 3 |
| Sunday: | 0.00" | | | |
| Monday | 0.00" | | | |
| Tuesday | 0.06" | | | |
| Wednesday | 0.00" | | | |
| Thursday | 0.00" | | | |
| Friday | 0.11" | | | |
| Saturday | 0.01" | | | |
| | | | | Week 4 |
| Sunday: | 0.00" | | | |
| Monday | 0.26" | | | |
| Tuesday | 0.05" | | | |
| Wednesday | 0.74" | | | |
| Thursday | 0.00" | | | |
| Friday | 0.00" | 5/10/2019 | 63/35 Mostly Sunny | |
| Saturday | 0.12" | | | |
| | | | | Week 5 |
| Sunday: | N/A | N/A | | |
| Monday | N/A | N/A | | |
| Tuesday | N/A | N/A | | |
| Wednesday | N/A | N/A | | |
| Thursday | N/A | N/A | | |
| Friday | N/A | N/A | | |
| Saturday | N/A | N/A | | |

| | |
|--------------------|------|
| Complaints: | None |
|--------------------|------|

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|---|
| 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 is active (6/11/15) Phase 1 was complete prior to the 7/18/15 inspection. The grading of Phase 2 started prior to the 11/3/15 inspection. Grading of Phase 2 has been completed. Minor grading will be completed at a later date (3/7/16). BD Construction completed grading the parking lot (8/11/16) |
| 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 is active (6/11/15). Phase 1 was complete prior to the 7/18/15 inspection. The grading of Phase 2 started prior to the 11/3/15 inspection. Grading of Phase 2 has been completed. Minor grading will be completed at a later date (3/7/16). BD Construction completed grading the parking lot (8/11/16). |
| What temporary or permanent stabilization measures listed in this section are being implemented? |
| Existing Vegetation. The area West and East of the football field and track were seeded or sodded(11/3/15). Paving of the school addition has started (4/28/17). Parking lot islands and drainage easement along south side of football field stabilized (8/14/17). Area around the playground and basketball court on the east side of the school was sodded (8/30/17). River rock placed on parking lot islands around flared ends (12/4/17). Hydroseeding along the south side and northwest corner of the site (10/3/18). |
| SUMMARY QUESTIONS: |
| Are approved entrances and adjacent streets being maintained adequately? |
| Yes |
| 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 |
| CHECKLIST QUESTIONS: |
| Are waste materials (concrete, construction material, hazardous, etc.) being managed properly? |
| Yes |
| Is dust associated with the construction activity adequately controlled on the site? |
| Yes |
| Comments: |
| Comments: Ralph Gladbach is conducting site inspections and forwarding photos and site comments to E&A. The site is currently waiting for vegetation to establish in the newly seeded areas. |
| Findings / Corrective Actions (Date): |
| Findings / Corrective Actions (Date): 1.) No maintenance is required in the BMP section at this time. 2.) Minor erosion rills below Wattle 4 should be backfilled and seeded. Ralph Gladbeck was informed to complete as weather allows as of 1/25/19. Not done as of the last inspection. Ralph Gladbeck followed up with the school staff on 5/10/19. |

| Unique Name | Type | Location | Projected Install Date | Status | Maintenance |
|---------------------------|---|-----------------------------|------------------------|---------|-------------|
| A1 | Silt Fence | Southwest of Football Field | | Removed | |
| Current Condition: | Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection. | | | | |
| A2 | Silt Fence | South of Football Field | | Removed | |
| Current Condition: | Removed - The silt fence was removed due to paving in the area as of the 9/15/15 inspection. | | | | |
| A3 | Silt Fence | East of Football Field | | Removed | |
| Current Condition: | Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection. | | | | |
| A4 | Silt Fence | Northwest of Football Field | | Removed | |
| Current Condition: | Removed - The silt fence is no longer needed due to paving in the area as of the 9/15/15 inspection. | | | | |
| A5 | Silt Fence | West of Football Field | | Removed | |
| Current Condition: | Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection. | | | | |
| A9 | Silt Fence | Southeast side of site | | Removed | |
| Current Condition: | Removed - The silt fence was not needed during construction. | | | | |
| A10 | Silt Fence | Southeast side of site | | Removed | |
| Current Condition: | Removed - Silt Fence was removed due to flatness of area and inactivity it will not be re-installed at this time. | | | | |
| A11 | Silt Fence | South side of site | | Removed | |
| Current Condition: | Removed - Silt Fence was removed due to completion of parking lot. Silt fence will not be re-installed at this time. BD has been requested to install straw wattles in the draining way in place of removed silt fence. | | | | |
| A12 | Silt Fence | Southwest corner of site | | Removed | |
| Current Condition: | Removed - The area was seeded/stabilized by the school district prior to the inspection on 7/19/18. | | | | |
| A13 | Silt Fence | Southwest corner of site | | Removed | |
| Current Condition: | Removed - The area was seeded/stabilized by the school district prior to the inspection on 7/19/18. | | | | |
| A17 | Inlet filter | South of existing building | | Removed | |
| Current Condition: | Removed- Area was paved prior to inspection on 5/22/17 by BD Construction. | | | | |
| A18 | Inlet filter | South of existing building | | Removed | |
| Current Condition: | Removed- Area was paved prior to inspection on 5/22/17 by BD Construction. | | | | |

| | | | | | |
|---------------------------|--|--|-----------|---------|----|
| A19 | Inlet filter | Between building on north side of the site | | Removed | |
| Current Condition: | Removed - Then inlet was removed prior to inspection on 11/14/16. | | | | |
| A20 | Inlet filter | Between building on north side of the site | | Removed | |
| Current Condition: | Removed - The area was seeded/stabilized by the school district prior to the inspection on 7/19/18. | | | | |
| A21 | Inlet filter | Between building on north side of the site | | Removed | |
| Current Condition: | Removed - The area was seeded/stabilized by the school district prior to the inspection on 7/19/18. | | | | |
| A22 | Inlet filter | Between building on north side of the site | | Removed | |
| Current Condition: | Removed - The area was seeded/stabilized by the school district prior to the inspection on 7/19/18. | | | | |
| B | Construction Entrance | Southwest of Football Field | | Removed | |
| Current Condition: | Removed - This entrance is now a permanent entrance for school maintenance crews as of the 1/27/16 inspection. | | | | |
| B 2 | Construction Entrance | South side of existing parking lot | | Removed | |
| Current Condition: | Removed - BD Construction removed the entrance for paving purposes prior to the inspection on 6/14/17. | | | | |
| B 3 | Construction Entrance | Southeast side of site | | Removed | |
| Current Condition: | Removed - BD Construction paved the construction entrance prior to inspection on 5/1/17. | | | | |
| C1 | Inlet Protection | Southeast of Football Field | | Removed | |
| Current Condition: | Removed - This BMP is being removed from the report due to the inlet be located in a completed area of the project as of the 3/21/16 inspection. | | | | |
| C2 | Inlet Protection | Northeast of Football Field | | Removed | |
| Current Condition: | Removed - This BMP is being removed from the report due to the inlet be located in a completed area of the project as of the 3/21/16 inspection. | | | | |
| C3 | Bale Check | Northwest of Football Field | 5/15/2018 | Active | No |
| Current Condition: | Good Condition - BD Construction installed a silt fence check and straw wattle prior to the inspection on 5/15/18. | | | | |
| C4 | Bale Check | North of B2 | | Removed | |
| Current Condition: | Removed - The school district removed the straw wattle prior to the inspection on 9/5/18. | | | | |
| C5 | Bale Check | Northwest of Football Field | | Removed | |
| Current Condition: | Removed - BD Construction removed the straw wattle due to completion of sodding/stabilization in the area as of the inspection on 8/30/17. | | | | |
| C6 | Bale Check | Northwest of Football Field | | Removed | |
| Current Condition: | Removed - BD Construction removed the straw wattle due to completion of sodding/stabilization in the area as of the inspection on 8/30/17. | | | | |
| C7 | Bale Check | East property line | | Removed | |
| Current Condition: | Removed - BD Construction removed the straw wattle prior to the inspection on 11/7/17. | | | | |
| C8 | Bale Check | Northwest of Football Field | | Removed | |
| Current Condition: | Removed - BD Construction removed the straw wattle due to completion of sodding/stabilization in the area as of the inspection on 8/30/17. | | | | |
| CW | Concrete Washout | On Site | | Removed | |
| Current Condition: | Removed - Due to all major paving being completed a washout is no longer being recommended. | | | | |
| STR | Streets | On site | In Place | Active | No |
| Current Condition: | Good Condition - No major signs of track off. | | | | |
| SWPPP Sign | SWPPP Sign | Southwest of Football Field | 7/1/2015 | Active | No |
| Current Condition: | Good Condition - The inspector installed the SWPPP sign on 7/1/15. | | | | |
| Wattle Check 1 | Straw Wattle | Southeast Corners of site | | Removed | |
| Current Condition: | Removed - BD Construction removed the wattle prior to the inspection on 7/27/17. | | | | |
| Wattle Check 2 | Straw Wattle | North west corner of site | | Removed | |
| Current Condition: | Removed - BD Construction removed the straw wattle prior to the inspection on 11/7/17. | | | | |
| Wattle Check 3 | Straw Wattle | West of entrance B3 | | Removed | |
| Current Condition: | Removed - BD Construction removed the straw wattle prior to inspection on 5/22/17. | | | | |
| Wattle 4 | Straw Wattle | South side of site | 10/3/2018 | Active | No |
| Current Condition: | Good Condition - A landscaping company hired by the school district installed straw wattles along the parking lot to protect the hydroseeded areas prior to the inspection on 10/3/18. | | | | |

Inspector Signature: 

Reviewed By: 