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E & A CONSULTING GROUP, INC.

Engineering Answers

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 Environmental Services Dept. Manager

E&A- P2014.577.001

| | | |
|-------------------------|---|--------------|
| Inspector: Sam Fletcher | | Stage 2 |
| Project Name: | Shelby High School NER115160 | |
| For Week Ending: | 6/25/2016 | |
| Project Location: | Walnut St. and Washington St, Shelby, NE (Polk County) | 68662 |

| | | | | |
|----------------------|------|--|--|--|
| Grading: | 100% | | | |
| Sanitary Sewer: | 100% | | | |
| Storm Sewer: | 100% | | | |
| Paving: | 90% | | | |
| Seeding: | 50% | | | |
| Utilities: | 90% | | | |
| Overall Development: | 60% | | | |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions | |
|-------------------|------------------|----------------|--------------------|---------------|
| | | | | Week 1 |
| Sunday: | 0.00" | | | |
| Monday | 0.00" | | | |
| Tuesday | 0.45" | | | |
| Wednesday | 0.00" | | | |
| Thursday | 0.00" | | | |
| Friday | 0.00" | | | |
| Saturday | 1.38" | 06/18/16 | 84/64 cloudy | |
| | | | | Week 2 |
| Sunday: | 0.00" | | | |
| Monday | 0.00" | | | |
| Tuesday | 0.32" | | | |
| Wednesday | 0.00" | | | |
| Thursday | 0.00" | | | |
| Friday | 0.00" | | | |
| Saturday | 0.00" | | | |
| | | | | Week 3 |
| 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 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 is grading the parking lot as of 6/10/16.

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 is grading the parking lot as of 6/10/16.

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

Existing Vegetation. The area West of the football field and track were seeded or sodded(11/3/15).

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:
Construction of the school building is active as of the last inspection. The Parking lot was being graded as of the last inspection. No BMP's are needed in the parking lot area as of the last inspection due to the area being flat. The inspector will monitor.

Findings / Corrective Actions (Date):
Findings / Corrective Actions (Date):
1) See BMP section for required maintenance.

| 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. | | | | |
| A10 | Silt Fence | Southeast side of site | 11/3/2015 | Active | Yes |
| Current Condition: | Fair Condition - BD Construction retied the silt fence prior to the 3/21/16 inspection. The silt fence needs to be retied due to high winds. BD Construction was informed to complete by 3/28/16. Not done as of last inspection. BD Construction was reminded on 4/23/16, 5/27/16. | | | | |
| A11 | Silt Fence | South side of site | 11/3/2015 | Active | Yes |
| Current Condition: | Fair Condition - BD Construction retied the silt fence prior to the 3/21/16 inspection. The silt fence needs to be repaired where damaged. BD Construction was informed to complete by 3/28/16. Not done as of last inspection. BD Construction was reminded on 4/23/16, 5/27/16. | | | | |
| A12 | Silt Fence | Southwest corner of site | 11/3/2015 | Active | Yes |
| Current Condition: | Fair Condition - BD Construction retied the silt fence prior to the 3/21/16 inspection. The silt fence needs to be retied due to high winds. BD Construction was informed to complete by 3/28/16. Not done as of last inspection. BD Construction was reminded on 4/23/16, 5/27/16. | | | | |
| A13 | Silt Fence | Southwest corner of site | 11/3/2015 | Active | Yes |
| Current Condition: | Fair Condition - BD Construction repaired the damaged section of silt fence prior to the 4/4/16 inspection. The silt fence needs to be retied due to high winds. BD Construction was informed to complete by 3/28/16. Not done as of last inspection. BD Construction was reminded on 4/23/16, 5/27/16. | | | | |

| | | | | | |
|---------------------------|--|--|-----------|---------|-----|
| A17 | Inlet filter | South of existing building | 3/21/2016 | Active | No |
| Current Condition: | Good Condition - BD Construction installed the inlets prior to the 3/21/16 inspection. The inlets are above grade so no BMP protection is needed at this time. | | | | |
| A18 | Inlet filter | South of existing building | 3/21/2016 | Active | Yes |
| Current Condition: | Fair Condition The silt fence in undermined and needs to be backfilled. BD Construction was informed to complete by 6/2/16. Not done as of last inspection. | | | | |
| A19 | Inlet filter | Between building on north side of the site | 3/7/2016 | Active | No |
| Current Condition: | Good Condition - The inlet is damaged and no longer functioning as of the 5/26/16 inspection. The inspector will update. | | | | |
| A20 | Inlet filter | Between building on north side of the site | 3/7/2016 | Active | No |
| Current Condition: | Good Condition - BD Construction installed the inlets prior to the 3/7/16 inspection. The inlets are above grade so no BMP protection is needed at this time. | | | | |
| A21 | Inlet filter | Between building on north side of the site | 3/7/2016 | Active | No |
| Current Condition: | Good Condition - The inlet is at grade as of the 3/21/16 inspection. The gutters from the existing building is emptying into the inlet as of the 3/21/16 inspection. So silt fence will not be installed over the inlet. | | | | |
| 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 | 3/7/2016 | Active | No |
| Current Condition: | Good Condition - 85% effective. BD Construction installed the rock entrance prior to the 3/7/16 inspection. | | | | |
| B 3 | Construction Entrance | Southeast side of site | 11/3/2015 | Active | No |
| Current Condition: | Good Condition - 80% effective. BD Construction added rock to the entrance prior to the 3/7/16 inspection. | | | | |
| 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 | Inlet Protection | Northwest 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. | | | | |
| C7 | Bale Check | East property line | 3/21/2016 | Active | No |
| Current Condition: | Good Condition - BD Construction installed the bale check prior to the 3/21/16 inspection. | | | | |
| CW | Concrete Washout | On Site | 4/11/2016 | Pending | Yes |
| Current Condition: | Pending A concrete washout needs to be installed. BD Construction was informed to complete by 4/11/16. Not done as of last inspection. BD Construction was reminded on 4/2/16, 4/23/16, 5/27/16. | | | | |
| 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 | 6/11/2015 | Active | No |
| Current Condition: | Good Condition - BD Construction installed the wattle prior to the 6/11/15 inspection. | | | | |

| | | | | | |
|---|---|---------------------------|------------|--------|---|
| Wattle Check 2 | Straw Wattle | North west corner of site | 11/18/2015 | Active | Yes |
| Current Condition: | <p>Fair Condition</p> <p>The wattle is not needed anymore and needs to be removed.</p> <p>BD Construction was informed to complete by 4/27/16. Not done as of last inspection. BD Construction was reminded on 5/27/16.</p> | | | | |
| Inspector Signature:  | | | | | Reviewed By:  |