

E&A Consulting Group, Inc.  
 10909 Mill Valley Road, Suite 100  
 Omaha, NE 68154  
 tel 402.895.4700  
 fax 402.895.3599  
 www.eacg.com



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

E&A- P2014.577.001

|                         |   |              |
|-------------------------|---|--------------|
| Inspector: Matt Vanicek |   | Stage        |
| Project Name:           | <b>Shelby High School<br/>NER115160</b>                       | 3            |
| For Week Ending:        | <b>3/10/2018</b>  |              |
| Project Location:       | <b>Walnut St. and Washington St, Shelby, NE (Polk County)</b> | <b>68662</b> |

|                      |      |  |  |  |
|----------------------|------|--|--|--|
| Grading:             | 100% |  |  |  |
| Sanitary Sewer:      | 100% |  |  |  |
| Storm Sewer:         | 100% |  |  |  |
| Paving:              | 100% |  |  |  |
| Seeding:             | 70%  |  |  |  |
| Utilities:           | 100% |  |  |  |
| Overall Development: | 94%  |  |  |  |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions |               |
|-------------------|------------------|----------------|--------------------|---------------|
|                   |                  |                |                    | <b>Week 1</b> |
| Sunday:           | 0.00"            |                |                    |               |
| Monday            | 0.00"            |                |                    |               |
| Tuesday           | 0.00"            |                |                    |               |
| Wednesday         | 0.00"            |                |                    |               |
| Thursday          | 0.00"            |                |                    |               |
| Friday            | 0.00"            |                |                    |               |
| Saturday          | 0.00"            |                |                    |               |
|                   |                  |                |                    | <b>Week 2</b> |
| Sunday:           | 0.00"            |                |                    |               |
| Monday            | 0.00"            |                |                    |               |
| Tuesday           | 0.00"            |                |                    |               |
| Wednesday         | 0.00"            |                |                    |               |
| Thursday          | 0.06"            |                |                    |               |
| Friday            | 0.00"            |                |                    |               |
| Saturday          | 0.08"            |                |                    |               |
|                   |                  |                |                    | <b>Week 3</b> |
| Sunday:           | 0.00"            |                |                    |               |
| Monday            | 0.00"            |                |                    |               |
| Tuesday           | 0.00"            |                |                    |               |
| Wednesday         | 0.00"            |                |                    |               |
| Thursday          | 0.00"            |                |                    |               |
| Friday            | 0.00"            |                |                    |               |
| Saturday          | 0.00"            |                |                    |               |
|                   |                  |                |                    | <b>Week 4</b> |
| Sunday:           | 0.00"            |                |                    |               |
| Monday            | 0.16"            |                |                    |               |
| Tuesday           | 0.00"            |                |                    |               |
| Wednesday         | 0.00"            |                |                    |               |
| Thursday          | 0.00"            |                |                    |               |
| Friday            | 0.00"            | 3/9/2018       | 48/28 Clear        |               |
| Saturday          | 0.00"            |                |                    |               |
|                   |                  |                |                    | <b>Week 5</b> |
| 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            |                    |               |

|                    |      |
|--------------------|------|
| <b>Complaints:</b> | 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 completed grading the parking lot (8/1/16)

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 (8/1/16).

**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).

**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?**  
 No- sediment was deposited in the drainage along the south side of the site.



**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:**  
 1) An Email was received from Doug Walter asking what percentage of the project area needs to be stabilized in order to stop performing erosion control inspections. Zach Jilek informed Doug Walter that the site needs 70% density of permanent ground cover to meet closure requirements. There are also BMP's that need will need to be removed after stabilization has taken place. The current estimated ground cover is around 50% as of the inspection on 10/07/17.  
 2) BD Construction was emailed a maintenance plan on 10/26/17 and they responded informing that they had plans to seed areas of the development for Spring, 2018.

**Findings / Corrective Actions (Date):**  
**Findings / Corrective Actions (Date):**  
 1.) See BMP section for required maintenance.  
 2.) The area disturbed along the west end of the athletic field needs to be seeded and stabilized. BD Construction was informed to complete by 1/30/17. Not done as of last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17, 5/24/17, 6/28/17, 8/20/17, 9/18/17, 10/25/17  
 3.) The sediment that has deposited in the drainage way along the south side of the site needs to be cleaned up. BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17, 5/24/17, 6/28/17, 8/20/17, 9/18/17, 10/25/17  
 4.) The area disturbed by utility work in the drainage way to the south of the site needs to be stabilized. BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17, 5/24/17, 6/28/17, 8/20/17, 9/18/17, 10/25/17  
 6.) Detention pond was completed and the area needs to be stabilized. Also a silt fence needs to be installed at the outlet pipe to prevent more runoff to ditch. BD Construction was informed to complete by 5/29/17. A piece of silt fence fabric was installed across the outlet pipe, but was not entrenched or secured. The pond was not stabilized as of the last inspection. BD Construction removed the silt fence from the outfall prior to the inspection on 6/14/17. BD Construction was informed to reinstall silt fence or a bale check at the outfall on 6/28/17 by 7/5/17. Not done as of the last inspection. BD Construction was reminded on 8/20/17, 9/18/17, 10/25/17

| Unique Name               | Type   | Location                    | Projected Install Date | Status  | Maintenance |
|---------------------------|--|-----------------------------|------------------------|---------|-------------|
| A1                        | Silt Fence   | Southwest of Football Field |                        | Removed |             |
| <b>Current Condition:</b> | 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 |             |
| <b>Current Condition:</b> | 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 |             |
| <b>Current Condition:</b> | 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 |             |
| <b>Current Condition:</b> | 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 |             |
| <b>Current Condition:</b> | 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 |             |
| <b>Current Condition:</b> | Removed - The silt fence was not needed during construction.   |                             |                        |         |             |
| A10                       | Silt Fence   | Southeast side of site      |                        | Removed |             |
| <b>Current Condition:</b> | 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 |             |
| <b>Current Condition:</b> | Silt Fence was removed due to completion of parking lot. Silt fence will not be re-installed at this time. BD  |                             |                        |         |             |
| A12                       | Silt Fence   | Southwest corner of site    | 1/30/2017              | Pending | Yes         |
| <b>Current Condition:</b> | Pending -<br>The silt fence needs to be reinstalled or the area needs to be stabilized.<br>BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17, 5/24/17, 6/28/17, 8/20/17, 9/18/17, 10/25/17. |                             |                        |         |             |
| A13                       | Silt Fence   | Southwest corner of site    | 1/30/2017              | Pending | Yes         |

|                           |  |  |           |         |     |
|---------------------------|--|--|-----------|---------|-----|
| <b>Current Condition:</b> | Pending -<br>The silt fence needs to be reinstalled or the area needs to be stabilized.<br>BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17, 5/24/17, 6/28/17, 8/20/17, 9/18/17, 10/25/17.   |  |           |         |     |
| A17                       | Inlet filter   | South of existing building                 |           | Removed |     |
| <b>Current Condition:</b> | Removed- Area was paved prior to inspection on 5/22/17 by BD Construction.   |  |           |         |     |
| A18                       | Inlet filter   | South of existing building                 |           | Removed |     |
| <b>Current Condition:</b> | 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 |     |
| <b>Current Condition:</b> | Pending - Then inlet was removed prior to inspection on 11/14/16.  |  |           |         |     |
| A20                       | Inlet filter   | Between building on north side of the site | 3/7/2016  | Active  | No  |
| <b>Current Condition:</b> | Good Condition - BD Construction repaired and paved around the inlet prior to the inspection on 6/14/17. E&A will monitor the need for BMP installation.   |  |           |         |     |
| A21                       | Inlet filter   | Between building on north side of the site | 7/5/2017  | Pending | Yes |
| <b>Current Condition:</b> | Pending -<br>Inlet protection needs to be installed or the area around the inlet needs to be stabilized.<br>BD Construction was informed to complete by 7/5/17. Not done as of the last inspection. BD Construction was reminded on 8/20/17, 9/18/17, 10/25/17   |  |           |         |     |
| A22                       | Inlet filter   | Between building on north side of the site | 7/5/2017  | Pending | Yes |
| <b>Current Condition:</b> | Pending -<br>Inlet protection needs to be installed or the area around the inlet needs to be stabilized.<br>BD Construction was informed to complete by 7/5/17. Not done as of the last inspection. BD Construction was reminded on 8/20/17, 9/18/17, 10/25/17   |  |           |         |     |
| B                         | Construction Entrance  | Southwest of Football Field                |           | Removed |     |
| <b>Current Condition:</b> | 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 |     |
| <b>Current Condition:</b> | 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                     |           | Active  |     |
| <b>Current Condition:</b> | Removed - BD Construction paved the construction entrance prior to inspection on 5/1/17.   |  |           |         |     |
| C1                        | Inlet Protection   | Southeast of Football Field                |           | Removed |     |
| <b>Current Condition:</b> | 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 |     |
| <b>Current Condition:</b> | 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                | 1/30/2017 | Pending | Yes |
| <b>Current Condition:</b> | Pending -<br>The bale check needs to be reinstalled due to continued runoff from the athletic field eroding the adjacent drainage way.<br>BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17, 5/24/17, 6/28/17, 8/20/17, 9/18/17, 10/25/17 |  |           |         |     |
| C4                        | Bale Check   | North of B2                                | 7/11/2017 | Active  | No  |
| <b>Current Condition:</b> | Good Condition - BD Construction installed a straw wattle at the flared end prior to the inspection on 7/11/17.  |  |           |         |     |
| C5                        | Bale Check   | Northwest of Football                      |           | Removed |     |
| <b>Current Condition:</b> | 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                      |           | Removed |     |
| <b>Current Condition:</b> | 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 |     |

|                             |  |                             |          |                     |   |
|-----------------------------|--|-----------------------------|----------|---------------------|---|
| <b>Current Condition:</b>   | Removed - BD Construction removed the straw wattle prior to the inspection on 11/7/17.   |                             |          |                     |   |
| C8                          | Bale Check   | Northwest of Football Field |          | Removed             |   |
| <b>Current Condition:</b>   | 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             |   |
| <b>Current Condition:</b>   | Removed - Due to all major paving being completed a washout is no longer being recommended.  |                             |          |                     |   |
| STR                         | Streets  | On site                     | In Place | Active              | No  |
| <b>Current Condition:</b>   | Good Condition - No major signs of track off.  |                             |          |                     |   |
| SWPPP Sign                  | SWPPP Sign   | Southwest of Football Field | 7/1/2015 | Active              | No  |
| <b>Current Condition:</b>   | Good Condition - The inspector installed the SWPPP sign on 7/1/15.   |                             |          |                     |   |
| Wattle Check 1              | Straw Wattle   | Southeast Corners of site   |          | Removed             |   |
| <b>Current Condition:</b>   | 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             |   |
| <b>Current Condition:</b>   | 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             |   |
| <b>Current Condition:</b>   | Removed - BD Construction removed the straw wattle prior to inspection on 5/22/17.   |                             |          |                     |   |
| <b>Inspector Signature:</b> |   |                             |          | <b>Reviewed By:</b> |  |