

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- P2006.056.001**

|                                 |  |                |                    |  |               |
|---------------------------------|--|----------------|--------------------|--|---------------|
| Inspector: Matthew Russell      |  |                |                    |  | Stage         |
| Project Name:                   | <b>Iron Horse<br/>NER110574</b>                                    |                |                    |  | 3             |
| For Week Ending:                | <b>8/12/2017</b>   |                |                    |  |               |
| Project Location:               | <b>Hwy 6 &amp; Iron Horse Drive- Ashland, NE (Saunders County)</b> |                |                    |  | <b>68003</b>  |
| Grading:                        | 100%   |                |                    |  |               |
| Sanitary Sewer:                 | 100%   |                |                    |  |               |
| Storm Sewer:                    | 100%   |                |                    |  |               |
| Paving:                         | 90%  |                |                    |  |               |
| Seeding:                        | 100%   |                |                    |  |               |
| Utilities:                      | 90%  |                |                    |  |               |
| Overall Development:            | 60%  |                |                    |  |               |
| <b>RAIN FALL AMOUNTS</b>        |  |                |                    |  |               |
|                                 | Amount in tenths   | Date inspected | Weather Conditions |  |               |
|                                 |  |                |                    |  | <b>Week 1</b> |
| Sunday:                         | 0.00"  |                |                    |  |               |
| Monday                          | 0.00"  |                |                    |  |               |
| Tuesday                         | 0.00"  |                |                    |  |               |
| Wednesday                       | 0.12"  |                |                    |  |               |
| Thursday                        | 0.31"  |                |                    |  |               |
| Friday                          | 0.00"  |                |                    |  |               |
| Saturday                        | 0.00"  |                |                    |  |               |
|                                 |  |                |                    |  |               |
| Sunday:                         | 0.00"  |                |                    |  |               |
| Monday                          | 0.00"  |                |                    |  |               |
| Tuesday                         | 0.01"  |                |                    |  |               |
| Wednesday                       | 0.00"  |                |                    |  |               |
| Thursday                        | 0.00"  |                |                    |  |               |
| Friday                          | 0.00"  |                |                    |  |               |
| Saturday                        | 0.00"  |                |                    |  |               |
|                                 |  |                |                    |  |               |
| Sunday:                         | 0.00"  |                |                    |  |               |
| Monday                          | 0.00"  |                |                    |  |               |
| Tuesday                         | 0.00"  |                |                    |  |               |
| Wednesday                       | 1.20"  |                |                    |  |               |
| Thursday                        | 0.00"  | 07/27/17       | Tstorm 85/69       |  |               |
| Friday                          | 0.00"  |                |                    |  |               |
| Saturday                        | 0.00"  |                |                    |  |               |
|                                 |  |                |                    |  |               |
| Sunday:                         | 0.00"  |                |                    |  |               |
| Monday                          | 0.00"  |                |                    |  |               |
| Tuesday                         | 0.00"  |                |                    |  |               |
| Wednesday                       | 0.00"  |                |                    |  |               |
| Thursday                        | 0.00"  |                |                    |  |               |
| Friday                          | 0.03"  |                |                    |  |               |
| Saturday                        | 0.03"  |                |                    |  |               |
|                                 |  |                |                    |  |               |
| Sunday:                         | 0.00"  |                |                    |  |               |
| Monday                          | 0.00"  |                |                    |  |               |
| Tuesday                         | 0.00"  |                |                    |  |               |
| Wednesday                       | 0.00"  |                |                    |  |               |
| Thursday                        | 0.00"  |                |                    |  |               |
| Friday                          | 0.05"  |                |                    |  |               |
| Saturday                        | 0.00"  |                |                    |  |               |
|                                 |  |                |                    |  |               |
| Complaints:                     | None   |                |                    |  |               |
|                                 |  |                |                    |  |               |
| <b>Construction Sequencing:</b> |  |                |                    |  |               |

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| <b>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?</b>  |  |  |  |  |  |
| Entire site; grading completed and stabilized prior to Spring 2005.   |  |  |  |  |  |
| <b>Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days? :</b>   |  |  |  |  |  |
| Entire site; grading completed and stabilized prior to Spring 2005.   |  |  |  |  |  |
| <b>What temporary or permanent stabilization measures listed in this section are being implemented?</b>   |  |  |  |  |  |
| Dense Vegetation, seeding/sodding, matting, Re-seeding 5/2006, paving, and landscaping.   |  |  |  |  |  |
| <b>Summary Questions:</b>   |  |  |  |  |  |
| <b>Are approved entrances and adjacent streets being maintained adequately?</b>   |  |  |  |  |  |
| No- see BMP section   |  |  |  |  |  |
| <b>Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?</b>   |  |  |  |  |  |
| Yes   |  |  |  |  |  |
| <b>Checklist Questions:</b>   |  |  |  |  |  |
| <b>Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?</b>   |  |  |  |  |  |
| No- see BMP section.  |  |  |  |  |  |
| <b>Is dust associated with the construction activity adequately controlled on the site?</b>   |  |  |  |  |  |
| Yes   |  |  |  |  |  |
| <b>Comments:</b>  |  |  |  |  |  |
| <b>Comments:</b><br>Home construction is active on a few lots.  |  |  |  |  |  |
| <b>Findings / Corrective Actions (Date):</b>  |  |  |  |  |  |
| <b>Findings / Corrective Actions (Date):</b><br>1) Some maintenance is required in the BMP section.<br>2) Lot 35 has a fair amount of concrete debris deposited by some home owner. During the next inspection, E&A will determine which house re-paved their driveway or sidewalk and contact the appropriate persons involved. E&A was able to determine that the concrete was from street repairs. The Iron Horse Golf Club requested that the debris be placed on that lot as they would be used as rip rap in the near future.<br>3) Lot 119/120 has a silt fence in the rear of the lot. This silt fence was installed prior to E&A's takeover of the project and the lot was previously completed. Downspouts from the roofs are causing erosion on the slopes depositing silt on the golf course. Inspector will now monitor the area.<br>4) Lot 109/110 has a sediment basin with a riser that was present before E&A took over the project. The lots were completed prior to takeover, and no plans were known of the basin. The basin was full of sediment, up to the trash rack on the riser, and was spilling over causing minor deposition of silt on the golf course below. Inspector will now monitor the area. See SB1.<br>5) Lot 80 has an area inlet that is being eroded around and the outfall has some erosion. Inspector will monitor the area.<br>6) Lot 94 has a gazebo which was built into the existing berm disrupting storm water drainage in the area. Inspector will monitor the erosion in the area.<br>7) Lot 200 has erosion in the back yard possibly due to improper drainage. Inspector will continue to monitor the area. |  |  |  |  |  |

| Unique Name               | Type   | Location | Projected Install Date | Status  | Maintenance |
|---------------------------|--|----------|------------------------|---------|-------------|
| Lot 7                     | Silt Fence   | Lot 7    |                        | Removed |             |
| <b>Current Condition:</b> | Removed-The lot is sodded and there are no signs of runoff in the golf course turf as of inspection on 4/20/15.  |          |                        |         |             |
| Lot 8                     | Silt Fence   | Lot 8    | 4/20/2015              | Active  | Yes         |
| <b>Current Condition:</b> | Fair Condition-The inspector removed the silt fence during the inspection on 3/22/17. The gator guard still needs removed.<br><br>The gator guard needs removed.<br><br>PHI was requested to repair or remove the BMPs by 4/27/15. Not done as of last inspection. PHI was reminded on 3/3/2016. PHI was reminded on 8/8/16, 12/21/16, 12/27/16, 3/24/17, 6/20/17.                       |          |                        |         |             |
| Lot 18                    | Silt Fence   | Lot 18   | 11/8/2016              | Active  | Yes         |
| <b>Current Condition:</b> | Fair Condition- MK Builders repaired the silt fence along the west side and the north side prior to 3/26/17. MK Builders secured the portable toilet to the ground prior to 4/20/17.<br><br>The silt fence in the northwest corner of the lot needs joined.<br><br>MK Builders was informed to complete by 4/27/17. Not done as of last inspection. MK Builders were reminded on 5/3/17. |          |                        |         |             |
| Lot 33                    | Straw Wattles  | Lot 33   | 1/15/2015              | Active  | No          |
| <b>Current Condition:</b> | Good Condition-Nathan Homes had straw wattles installed along the curb line due to the lot being disturbed during construction on lot 118 prior to inspection on 1/15/15.  |          |                        |         |             |
| Lot 36                    | Individual Lot   | Lot 36   |                        | Removed |             |
| <b>Current Condition:</b> | Fair Condition-Silverstone sodded the lot prior to inspection on 7/27/15.  |          |                        |         |             |
| Lot 37                    | Silt Fence   | Lot 37   |                        | Removed |             |
| <b>Current Condition:</b> | Removed-Kendel Homes sodded the lot prior to inspection on 12/15/15.   |          |                        |         |             |

|                           |   |         |            |         |     |
|---------------------------|---|---------|------------|---------|-----|
| Lot 38                    | Silt Fence  | Lot 38  | 12/29/2015 | Pending | No  |
| <b>Current Condition:</b> | Pending- The lot is vegetated and no longer needs to be stabilized by Kindle Homes as of 6/4/16 inspection.   |         |            |         |     |
| Lot 61                    | Individual Lot  | Lot 61  |            | Removed |     |
| <b>Current Condition:</b> | Removed-The disturbed portion of the lot is vegetated with natural vegetation as of inspection on 10/29/15.   |         |            |         |     |
| Lot 89                    | Silt Fence  | Lot 089 |            | Removed |     |
| <b>Current Condition:</b> | Removed- MK Builders sodded the lot prior to 9/27/16.   |         |            |         |     |
| Lot 93                    | Silt fence  | Lot 93  |            | Removed |     |
| <b>Current Condition:</b> | Removed- Al Belt sodded the lot prior to inspection on 8/20/16.   |         |            |         |     |
| Lot 114                   | Silt Fence  | Lot 114 | 8/19/2015  | Active  | Yes |
| <b>Current Condition:</b> | <p>Fair Condition- Gaver Const. sodded the front and sides of the lot prior to 4/20/17, the rear of the lot is still exposed with silt fence in place.</p> <p>1) Silt fence in the rear of the lot needs repaired.<br/> 2) Silt fence at the base of the slope needs cleaned out.<br/> 3) Silt fence along the side of the lot needs repaired.<br/> 4) The silt fence at the rear of the property needs backfilled.<br/> 5) A couple inlets in the rear of the property needs silt removed.</p> <p>1) Gaver Construction was informed to complete by 10/4/16. Not done as of last inspection. Gaver Construction was reminded on 11/9/16, 11/25/16. Gaver Const. was reminded via voice mail on 12/21/16. Gaver Construction was reminded on 12/27/16 via email and on 1/19/17, 3/24/17, 5/12/17.<br/> 2) Gaver Construction was informed to complete by 10/4/16. Not done as of last inspection. Gaver Construction was reminded on 11/9/16, 11/25/16. Gaver Const. was reminded via voice mail on 12/21/16. Gaver Construction was reminded on 12/27/16 via email and on 1/19/17, 3/24/17, 5/12/17.<br/> 3) Gaver Construction was informed to complete by 11/15/16. Not done as of last inspection. Gaver Construction was reminded on 11/25/16. Gaver Const. was reminded via voice mail on 12/21/16. Gaver Construction was reminded on 12/27/16 via email and on 1/19/17, 3/24/17, 5/12/17.<br/> 4) Gaver Construction was informed to complete by 1/2/16. Not done as of last inspection. Gaver Construction was reminded on 1/19/17, 3/24/17, 5/12/17.<br/> 5) Gaver Construction was informed to complete by 1/2/16. Not done as of last inspection. Gaver Construction was reminded on 1/19/17, 3/24/17, 5/12/17.</p> |         |            |         |     |
| Lot 138                   | Silt Fence  | Lot 138 |            | Removed |     |
| <b>Current Condition:</b> | Removed- the silt fence was removed by the inspector on 3/22/17.  |         |            |         |     |
| Lot 139                   | Silt Fence  | Lot 139 |            | Removed |     |
| <b>Current Condition:</b> | Removed-Mick Smith Construction sodded the lot prior to inspection on 6/12/15.  |         |            |         |     |
| Lot 147                   | Silt Fence  | Lot 147 |            | Removed |     |
| <b>Current Condition:</b> | Removed-PHI removed the silt fence and sodded the lot prior to inspection on 5/6/15.  |         |            |         |     |
| Lot 153                   | Individual Lot  | Lot 153 |            | Removed |     |
| <b>Current Condition:</b> | Removed-Widhalm Custom Homes sodded the lot prior to inspection on 7/27/15.   |         |            |         |     |
| Lot 154                   | Silt Fence  | Lot 154 | 8/19/2015  | Active  | No  |
| <b>Current Condition:</b> | <p>Fair Condition- Widhalm Custom Homes installed more silt fence prior to inspection on 4/15/16.</p> <p>Silt fence needs to be cleaned out and repaired.</p> <p>Widhalm Custom Homes was informed to complete by 5/18/16. Not done as of last inspection. Widhalm Custom Homes was reminded on 6/5/16, 8/8/16. Widhalm was reminded on 3/24/17.</p>  |         |            |         |     |
| Lot 158                   | Silt Fence  | Lot 158 | 6/19/2017  | Active  | Yes |
| <b>Current Condition:</b> | <p>Fair Condition- An unknown builder started construction on the lot and installed silt fence along the north and west side of the lot prior to 6/19/17.</p> <p>The silt fence needs cleaned out along the front of the lot.</p> <p>E&amp;A was unable to identify the builder as of 6/19/17. Not done as of last inspection.</p>  |         |            |         |     |
| Lot 159                   | Silt Fence  | Lot 159 |            | Removed |     |
| <b>Current Condition:</b> | Removed- The Home Company sodded the lot prior to inspection on 6/3/16.   |         |            |         |     |
| Lot 160                   | Individual Lot  | Lot 160 | 3/10/2016  | Active  | Yes |
| <b>Current Condition:</b> | Removed-The lot was sodded, silt fence installed along the lot 159/160 boundary to protect the inlet prior to inspection on 8/13/16. The streets around the lot need to be cleaned. See STR section.  |         |            |         |     |
| Lot 161                   | Individual Lot  | Lot 161 |            | Removed |     |
| <b>Current Condition:</b> | Removed- THC sodded the lot prior to 6/19/17.   |         |            |         |     |
| Lot 162                   | Individual Lot  | Lot 162 |            | Removed |     |
| <b>Current Condition:</b> | Removed- THC sodded the lot prior to 6/19/17.   |         |            |         |     |
| Lot 163                   | Individual Lot  | Lot 163 |            | Removed |     |

|   |  |                                |           |   |     |
|---|--|--------------------------------|-----------|---|-----|
| <b>Current Condition:</b>   | Removed- THC sodded the lot prior to 6/19/17.  |                                |           |   |     |
| Lot 164   | Individual Lot   | Lot 164                        |           | Removed   |     |
| <b>Current Condition:</b>   | Removed- THC sodded the lot prior to 6/19/17.  |                                |           |   |     |
| Lot 165   | Silt Fence   | Lot 165                        |           | Removed   |     |
| <b>Current Condition:</b>   | Removed- THC sodded the lot prior to 6/19/17.  |                                |           |   |     |
| Lot 188   | Silt Fence   | Lot 188                        |           | Removed   |     |
| <b>Current Condition:</b>   | Removed- Terry Bouge sodded the lot and removed the silt fence prior to inspection on 6/4/16. The adjacent lots vegetation appears adequate and no temporary seeding is needed.  |                                |           |   |     |
| Lot 189   | Silt Fence   | Lot 189                        | 6/12/2015 | Active  | No  |
| <b>Current Condition:</b>   | Good Condition-Silt fence is no longer needed and should be removed. The inspector is uncertain if Boyer Young installed the silt fence to prevent silt inundation of the golf course or if it was from lot 189 construction. The inspector wants to monitor the slope after a rain event to determine if the silt fence is still needed. The inspector is recommending leaving the silt fence installed as of 5/11/17.  |                                |           |   |     |
| Lot 207   | Silt Fence   | Lot 207                        | 6/19/2017 | Active  | Yes |
| <b>Current Condition:</b>   | <p><b>Fair Condition-</b> THC started construction on the lot and installed silt fence along the north and west side of the lot prior to 6/19/17. THC installed an additional line of silt fence along the north side of the lot prior to 6/27/17.</p> <p>1. The silt fence needs cleaned out along the northwest corner and west side of the lot.<br/> <b>2. Silt fence needs to be reinstalled on the corner of the lot.</b></p> <p>1. THC was informed to complete by 6/26/17. Not done as of last inspection.<br/> <b>2. THC was informed to complete by 8/3/17.</b></p> |                                |           |   |     |
| PDP A   | Permanent Detention Pond   | 41°02'43.47"N<br>96°20'36.65"W | In Place  | Active  | No  |
| <b>Current Condition:</b>   | Good Condition   |                                |           |   |     |
| SB 1  | Sediment Basin   | Lot 109                        | In Place  | Active  | No  |
| <b>Current Condition:</b>   | Good Condition- The sediment basin was not known of when E&A took over the project and was covered by dense vegetation. It was discovered when looking at problems silting in the golf course. Boyer Young removed the trash rack and cleaned out the basin prior inspection on 8/31/16 as the basin had no water storage or sediment capacity. Silt fence is behind the sediment basin riser.   |                                |           |   |     |
| SF 3  | Silt Fence   | Lot 197                        |           | Removed   |     |
| <b>Current Condition:</b>   | Removed- the inspector removed the silt fence during the inspection on 3/22/17.  |                                |           |   |     |
| SF 5  | Silt Fence   | South side of lake             |           | Removed   |     |
| <b>Current Condition:</b>   | Removed- the inspector removed the silt fence during the inspection on 3/22/17.  |                                |           |   |     |
| SF 8  | Silt Fence   | 40' South of SF 5              |           | Removed   |     |
| <b>Current Condition:</b>   | Removed- the inspector removed the silt fence during the inspection on 3/22/17.  |                                |           |   |     |
| SF 9  | Silt Fence   | East of Lots 119 and 120       | In Place  | Active  | Yes |
| <b>Current Condition:</b>   | <p><b>Fair Condition-</b></p> <p>The silt fence needs cleaned out and repaired.</p> <p>Boyer Young was informed to complete by 6/26/17. Not done as of last inspection.</p>  |                                |           |   |     |
| STR   | Streets  | 41°02'28.55"N<br>96°20'36.35"W | In Place  | Active  | Yes |
| <b>Current Condition:</b>   | <p><b>Fair Condition-</b></p> <p>The intersection on Eagle View and Mumm Rd needs cleaned of silt.</p> <p>THC was informed to complete by 5/18/17. Not done as of last inspection.</p>   |                                |           |   |     |
| SWPPP Sign  | SWPPP Sign   | Three signs on site            | 8/8/2008  | Active  | No  |
| <b>Current Condition:</b>   | Good Condition - A sign has been installed at Club House Drive and Hwy 6 and at Iron Horse Drive and Hwy 6. South Lakeview Way & South Bend Road entrance.   |                                |           |   |     |
| <b>Inspector Signature:</b>  |  |                                |           | <b>Reviewed By:</b>  |     |