

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



E & A CONSULTING GROUP, INC.

Engineering Answers

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

E&A- P2019.327.000

| | | | | |
|---------------------------|---|--|--|--------------|
| Inspector: Jason Brackett | | | | Stage |
| Project Name: | Springfield Pines CSW-201600337 | | | 2 |
| For Week Ending: | 5/9/2020 | | | 68059 |
| Project Location: | SW of 132nd Street and Platteview Road, Springfield, NE | | | |
| | Phase I | | | |
| Grading: | 100% | | | |
| Sanitary Sewer: | 100% | | | |
| Storm Sewer: | 100% | | | |
| Paving: | 100% | | | |
| Seeding: | 75% | | | |
| Utilities: | 100% | | | |
| Overall Development: | 70% | | | |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions | Time | |
|-------------------|------------------|----------------|---------------------|----------|---------------|
| | | | | | Week 1 |
| Sunday: | 0.04" | | | | |
| Monday | 0.00" | 4/27/20 | Mostly Cloudy 81/56 | 12:45 PM | |
| Tuesday | 0.00" | | | | |
| Wednesday | 0.00" | | | | |
| Thursday | 0.00" | | | | |
| Friday | 0.00" | | | | |
| Saturday | 0.02" | | | | |
| | | | | | Week 2 |
| Sunday: | 0.03" | | | | |
| Monday | 0.24" | | | | |
| Tuesday | 0.00" | | | | |
| Wednesday | 0.00" | | | | |
| Thursday | 0.00" | | | | |
| Friday | 0.40" | | | | |
| Saturday | 0.02" | | | | |
| | | | | | Week 3 |
| Friday | N/A | | | | |
| Monday | N/A | | | | |
| Tuesday | N/A | | | | |
| Wednesday | N/A | | | | |
| Thursday | N/A | | | | |
| Friday | N/A | | | | |
| Saturday | N/A | | | | |

Complaints:

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 in Phase I was completed prior to E&A being hired to conduct SWPPP inspections (1/3/2020).

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 in Phase I was completed prior to E&A being hired to conduct SWPPP inspections (1/3/2020).

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

Site was seeded prior to E&A being hired to conduct SWPPP inspections (1/3/2020).

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.
No, See Findings Section.
Create Corrective Action?
No, See Findings Section.

Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?
No, See BMPs section
Create Corrective Action?
No, See BMPs section

Are construction entrances and adjacent streets being maintained adequately?
No, See BMPs section
Create Corrective Action?
No, See BMPs section

Is dust associated with the construction activity adequately controlled on the site?
Yes
Create Corrective Action?
N/A

Comments:
Comments: Site was active for homebuilding during the most recent inspection. **A rain inspection was performed on 4/27/20 due to a rain event greater than 0.5" (0.58") on the last day of the previous reporting period (4/25/20).**



Civil development and some homebuilding was completed prior to E&A being hired to conduct SWPPP inspections on 1/3/2020. Projected install dates for the BMPs listed below will reflect the date when the inspector first observed the BMPs on 1/3/2020.

Findings / Corrective Actions (Date):
Findings / Corrective Actions (Date):
 1) Some maintenance is required in the BMP section of this report.
 2) Vacant-disturbed lots need to be stabilized.
 A. Lot 69 R1, 87 R1, 1R2, 2R2, and 18 needs to be stabilized. Gene Graves was informed to complete by 1/17/2020 when weather allows. Not done as of the last inspection. Gene Graves was reminded on 3/11/2020.
 B. Overgraded lots during homebuilding construction need to be stabilized. All builders were informed to complete by 1/17/2020 when weather allows and as-needed. Not done as of the last inspection.

| Unique Name | Type | Location | Projected Install Date | Status | Maintenance |
|--------------------|--|-----------------|------------------------|---------|-------------|
| AI 1 | Area Inlet Protection | See SWPPP | 1/3/2020 | Active | No |
| Current Condition: | Active - Area inlet was installed prior to the 1/3/2020 inspection. The surrounding area is vegetated and the inlet drains to SB 1; no inlet protection will be recommended at this time. | | | | |
| AI 2 | Area Inlet Protection | See SWPPP | 1/3/2020 | Active | No |
| Current Condition: | Active - Area inlet with dome grate was installed prior to the 1/3/2020 inspection. The surrounding area was seeded and matted and the inlet drains to SB 2; no inlet protection will be recommended at this time. | | | | |
| AI 3 | Area Inlet Protection | See SWPPP | 3/9/2020 | Active | No |
| Current Condition: | Active - Area inlet with dome grate was installed prior to the 3/9/2020 inspections. Commercial Seeding removed the remaining silt fence/T-posts around the inlet prior to the 4/27/20 inspection. | | | | |
| AI 4 | Area Inlet Protection | See SWPPP | 3/9/2020 | Active | No |
| Current Condition: | Active - Area inlet with dome grate was installed prior to the 3/9/20 inspection. The surrounding area was seeded and matted and the inlet drains to SB 2; no inlet protection will be recommended at this time. | | | | |
| CW 1 | Concrete Washout | Lot 81 Replat 1 | 1/3/2020 | Active | Yes |
| Current Condition: | Fair Condition - A lot level concrete washout was installed on Lot 81 Replat 1 prior to the 1/3/2020 inspection. 1.) Concrete washout needs to be cleaned out and a berm needs to be built along the front of the washout to prevent concrete waste from running off into the street. 2.) Rock needs to be added to the approach for the concrete washout to prevent trackout when in use. 1.) Gene Graves was informed to complete by 1/10/2020. Not done as of the last inspection. Gene Graves was reminded on 3/11/2020, 4/8/2020. 2.) Gene Graves was informed to complete by 1/10/2020. Not done as of the last inspection. Gene Graves was reminded on 3/11/2020, 4/8/2020. | | | | |
| IP 1 | Inlet Protection | See SWPPP | | Removed | |
| Current Condition: | Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended. | | | | |
| IP 2 | Inlet Protection | See SWPPP | | Removed | |
| Current Condition: | Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended. | | | | |
| IP 3 | Inlet Protection | See SWPPP | | Removed | |
| Current Condition: | Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended. | | | | |
| IP 4 | Inlet Protection | See SWPPP | | Removed | |
| Current Condition: | Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended. | | | | |
| IP 5 | Inlet Protection | See SWPPP | | Removed | |

| | | | | | |
|--------------------|--|-----------------|-----------|---------|-----|
| Current Condition: | Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended. | | | | |
| IP 28 | Inlet Protection | See SWPPP | | Removed | |
| Current Condition: | Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended. | | | | |
| Lot 1 Replat 4 | Individual Lot | Lot 1 Replat 4 | | Removed | |
| Current Condition: | Removed - Charleston Homes sodded the lot prior to the 4/27/20 inspection. | | | | |
| Lot 2 Replat 3 | Individual Lot | Lot 2 Replat 3 | 3/9/2020 | Active | No |
| Current Condition: | Active - Proline Homes began construction on the lot prior to the 3/9/2020 inspection. Proline Homes removed the dirt piles from the ROW prior to the 3/23/20 inspection. | | | | |
| Lot 9 Replat 1 | Individual Lot | Lot 9 Replat 1 | 2/10/2020 | Pending | Yes |
| Current Condition: | <p>Pending - Urban Spark Construction began construction on the lot prior to the 2/10/2020 inspection. Urban Spark Construction removed the dirt pile from the ROW prior to the inspection on 2/24/20.</p> <p>Silt fence needs to be installed in the rear of the lot and along the east side of the lot.</p> <p>Urban Spark Construction was informed to complete by 2/10/2020. Not done as of the last inspection. Urban Spark Construction was reminded on 4/21/20.</p> | | | | |
| Lot 17 Replat 1 | Individual Lot | Lot 17 Replat 1 | 1/3/2020 | Active | Yes |
| Current Condition: | <p>Fair Condition - Carlson Custom Homes builder began construction on the lot prior to the 1/3/2020 inspection. Carlson Custom Homes builder installed silt fence in the rear of the lot prior to the 1/3/2020 inspection.</p> <p>Silt fence needs to be extended to the south around all ground disturbance.</p> <p>Carlson Custom Homes builder will be informed to complete by 1/10/2020 when identified. Not done as of the last inspection. Carlson Custom Homes was reminded on 3/10/2020.</p> | | | | |
| Lot 18 Replat 1 | Individual Lot | Lot 18 Replat 1 | 1/27/2020 | Active | No |
| Current Condition: | Active - Charleston Homes began construction on the lot prior to the 1/27/2020 inspection. Lot is relatively flat, the inspector will monitor the need for BMPs. | | | | |
| Lot 21 Replat 1 | Individual Lot | Lot 21 Replat 1 | 1/3/2020 | Pending | Yes |
| Current Condition: | <p>Pending - McCaul Contracting began construction on the lot prior to the 1/3/2020 inspection.</p> <p>Silt fence needs to be installed along the north side of the lot and in the northernmost corner.</p> <p>McCaul Contracting was informed to complete by 1/10/2020. Not done as of the last inspection. McCaul Contracting was reminded on 3/10/2020.</p> | | | | |
| Lot 24 Replat 1 | Individual Lot | Lot 24 Replat 1 | 1/3/2020 | Active | Yes |
| Current Condition: | <p>Fair Condition - Carlson Custom Homes builder began construction on the lot prior to the 1/3/2020 inspection. Carlson Custom Homes builder installed silt fence in the south east corner and west side of the lot prior to the 1/3/2020 inspection.</p> <p>1.) Silt fence needs to be repaired and cleaned out in the southeast corner of the lot and extended to the northeast corner of the lot. 2.) Silt fence is damaged and needs to be repaired.</p> <p>1.) Carlson Custom Homes builder will be informed to complete by 1/10/2020 when identified. Not done as of the last inspection. Carlson Custom Homes was reminded on 3/10/2020. 2.) Carlson Custom Homes builder will be informed to complete by 1/10/2020 when identified. Not done as of the last inspection. Carlson Custom Homes was reminded on 3/10/2020.</p> | | | | |
| Lot 56 Replat 1 | Individual Lot | Lot 56 Replat 1 | 1/3/2020 | Active | Yes |
| Current Condition: | <p>Fair Condition - Jeck & Company Inc began construction on the lot prior to the 1/3/2020 inspection. Jeck & Company Inc. installed silt fence in the northeast corner of the lot prior to the 1/13/2020 inspection. Jeck & Company repaired the silt fence in the northeast corner of the lot prior to the 3/9/20 inspection. Jeck & Company staked down a portable toilet on the front of the lot prior to the 4/6/2020 inspection. Jeck & Company installed silt fence in the southeast corner of the lot prior to the 4/27/20 inspection.</p> <p>Silt fence needs to be extended along the east side of the lot.</p> <p>Jeck & Company Inc was informed to complete by 1/10/2020. Not done as of the last inspection. Jeck & Company was reminded on 1/27/20. Jeck & Company Inc was reminded on 3/10/2020.</p> | | | | |
| Lot 60 Replat 1 | Individual Lot | Lot 60 Replat 1 | | Removed | |
| Current Condition: | Removed - Urban Spark sodded the lot prior to the 4/20/20 inspection. | | | | |
| Lot 62 Replat 1 | Individual Lot | Lot 62 Replat 1 | 3/9/2020 | Active | Yes |
| Current Condition: | <p>Fair Condition - Pacesetter Homes began construction on the lot prior to the 3/9/2020 inspection. Pacesetter Homes installed silt fence along the southwest and northwest sides of the lot prior to the 3/9/2020 inspection. Pacesetter Homes installed a wattle in the west corner of the lot prior to the 3/9/2020 inspection.</p> <p>Silt fence in the rear of the lot is damaged in multiple locations and needs to be repaired.</p> <p>Pacesetter was informed to complete by 4/27/20. Not done as of the last inspection.</p> | | | | |
| Lot 77 Replat 1 | Individual Lot | Lot 77 Replat 1 | 3/23/2020 | Active | No |

| | | | | | |
|--------------------|---|------------------|-----------|---------|-----|
| Current Condition: | Active - Sundown Homes began excavation on the lot prior to the 3/23/20 inspection. Sundown Homes removed the dirt piles from the ROW prior to the 4/20/20 inspection. The lot is relatively flat, no BMPs will be recommended at this time. | | | | |
| Lot 85 Replat 1 | Individual Lot | Lot 85 Replat 1 | 3/23/2020 | Pending | Yes |
| Current Condition: | Pending - An Urban Spark began excavation on the lot prior to the 3/23/20 inspection. Urban Spark removed the dirt piles from the ROW prior to the 4/20/20 inspection. Silt fence needs to be installed along the south side of the lot and in the southwest corner. Urban Spark was informed to complete by 4/27/20. Not done as of the last inspection. | | | | |
| Lot 107 Replat 1 | Individual Lot | Lot 107 Replat 1 | 1/3/2020 | Active | Yes |
| Current Condition: | Fair Condition - Charleston Homes began construction on the lot prior to the 1/3/2020 inspection. Charleston Homes staked down a portable toilet on the front of the lot prior to the 1/3/2020 inspection. Charleston Homes removed the portable toilet and installed straw wattles along the front of the lot prior to the 3/23/20 inspection. Silt fence needs to be installed along the north side of the lot. Charleston Homes was informed to complete by 1/10/2020. Not done as of the last inspection. Charleston Homes was reminded on 3/10/2020, 3/25/20. | | | | |
| Lot 121 Replat 1 | Individual Lot | Lot 121 Replat 1 | 1/3/2020 | Pending | Yes |
| Current Condition: | Pending - McCaul Contracting began construction on the lot prior to the 1/3/2020 inspection. Silt fence needs to be installed in the rear of the lot behind all ground disturbance or the lot needs to be stabilized. McCaul Contracting was informed to complete by 1/10/2020. Not done as of the last inspection. McCaul Contracting was reminded on 3/10/2020. | | | | |
| Lot 122 Replat 1 | Individual Lot | Lot 122 Replat 1 | 1/3/2020 | Pending | Yes |
| Current Condition: | Pending - D&E Custom Building began construction on the lot prior to the 1/3/2020 inspection. D&E cleaned up the concrete waste prior to the 3/9/2020 inspection. Silt fence needs to be installed in the rear of the lot behind all ground disturbance. D&E Custom Building was informed to complete by 1/10/2020. Not done as of the last inspection. | | | | |
| Lot 123 Replat 1 | Individual Lot | Lot 123 Replat 1 | 1/3/2020 | Active | Yes |
| Current Condition: | Fair Condition - Charleston Homes began construction on the lot prior to the 1/3/2020 inspection. Charleston Homes installed straw wattles on the front corners of the lot prior to the 1/3/2020 inspection. 1.) Silt fence needs to be installed along the south and east sides of the lot. 2.) Straw wattles on the front of the lot need to be repaired/replaced. 1.) Charleston Homes was informed to complete by 1/10/2020. Not done as of the last inspection. Charleston Homes was reminded on 3/10/2020, 3/25/2020. 2.) Charleston Homes was informed to complete by 3/30/2020. Not done as of the last inspection. | | | | |
| Lot 124 Replat 1 | Individual Lot | Lot 124 Replat 1 | 1/3/2020 | Pending | Yes |
| Current Condition: | Pending - D&E Custom Building began construction on the lot prior to the 1/3/2020 inspection. McCaul Homes removed the portable toilet from the lot prior to the 1/13/2020 inspection. Silt fence needs to be installed along the south and east sides of the lot and in the northeast corner. D&E Custom Building was informed to complete by 1/10/2020. Not done as of the last inspection. | | | | |
| Lot 125 Replat 1 | Individual Lot | Lot 125 Replat 1 | 1/3/2020 | Pending | Yes |
| Current Condition: | Pending - McCaul Contracting began construction on the lot prior to the 1/3/2020 inspection. McCaul Contracting began paving the driveway prior to the 4/27/20 inspection. Silt fence needs to be installed along the south and east sides of the lot and in the northeast corner. McCaul Contracting was informed to complete by 1/10/2020. Not done as of the last inspection. McCaul Contracting was reminded on 3/10/2020. | | | | |
| SB 1 | Sediment Basin | See SWPPP | 1/3/2020 | Active | No |
| Current Condition: | Good Condition - 0% filled - The basin was installed prior to the 1/3/2020 inspection with a permanent riser. Commercial Seeding plugged the bottom 4 holes in the orifice plate prior to the 4/27/20 inspection. | | | | |
| SB 2 | Sediment Basin | See SWPPP | 1/3/2020 | Active | No |
| Current Condition: | Good Condition - 10% filled - The basin was installed prior to the 1/3/2020 inspection with a permanent riser. Commercial Seeding plugged the bottom 2 rows of holes in the orifice plate prior to the 4/27/20 inspection. | | | | |
| SB 3 | Sediment Basin | See SWPPP | 1/3/2020 | Active | No |
| Current Condition: | Good Condition - 10% filled - The basin was installed prior to the 1/3/2020 inspection with a permanent riser. Commercial Seeding plugged the bottom 4 holes in the orifice plate prior to the 4/27/20 inspection. | | | | |
| SB 4 | Sediment Basin | See SWPPP | 1/3/2020 | Active | Yes |

| | | | | | |
|----------------------|--|----------------------------------|-----------|--------------|---|
| Current Condition: | Fair Condition - 10% filled - The basin was installed prior to the 1/3/2020 inspection with a temporary riser. Commercial Seeding plugged the lowest dewatering hole and backfilled the erosion prior to the 4/27/20 inspection. | | | | |
| | The erosion at the inlet pipe should be seeded and matted. A wattle should be installed along the stub road to prevent further erosion. | | | | |
| | Gene Graves was informed to complete by 4/13/20. Not done as of the last inspection. Commercial Seeding was reminded on 4/27/20. | | | | |
| SF 1 | Silt fence | See SWPPP | | Removed | |
| Current Condition: | Removed - Commercial Seeding removed the silt fence prior to the 4/27/20 inspection. | | | | |
| SF 2 | Silt fence | See SWPPP | 1/3/2020 | Active | No |
| Current Condition: | Good Condition - Silt fence was installed behind Lots 97-102 Replat 1 prior to the 1/3/2020 inspection. Commercial Seeding trenched in/reinstalled/repared the silt fence prior to the 4/27/20 inspection. | | | | |
| SF 3 | Silt fence | See SWPPP | 1/3/2020 | Active | No |
| Current Condition: | Good Condition - Silt fence was installed across the front of Lot 87 Replat 1 prior to the 1/3/2020 inspection. Commercial Seeding properly trenched in the silt fence and repaired it where necessary prior to the 4/27/20 inspection. | | | | |
| STR | Streets | Internal/S 132nd and Main Street | 1/3/2020 | Active | No |
| Current Condition: | Good Condition - Streets were relatively clean during the most recent inspection. | | | | |
| SWPPP Signs | Misc/Other | S 132nd Street and Man Street | 1/27/2020 | Active | No |
| Current Condition: | Good Condition - E&A inspector installed SWPPP signs at the intersection of Main Street and N 10th Ave and S 132nd Street and Hazel Lane during the 1/27/20 inspection. | | | | |
| Inspector Signature: |  | | | Reviewed By: |  |