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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:	3/28/2020			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:	0.00"				
Monday	0.00"				
Tuesday	0.06"				
Wednesday	0.3"				
Thursday	0.38"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.00"				
Monday	0.00"	3/23/2020	Cloudy 49/38	2:25 AM	
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.10"				
Saturday	0.30"				
					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?
Yes

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.
 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	Pending	Yes
Current Condition:	Pending - Area inlet was installed prior to the 1/3/2020 inspection. Silt fence wrap needs to be installed around the area inlet. 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.				
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	Yes
Current Condition:	Fair Condition - Area inlet with dome grate was installed prior to the 3/9/2020 inspections. Remaining silt fence/T-posts around the inlet should be removed. Gene Graves was informed to complete by 3/16/20. Not done as of the last 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 3/9/2020 inspection. The surrounding area was seeded and matted and the inlet drains to SB 2; no inlet protection will be recommended at this time.				
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. 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.				
IP 1	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 2	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 3	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 4	Inlet Protection	See SWPPP	1/3/2020	Active	No

Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 5	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 6	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 7	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 8	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 9	Inlet Protection	See SWPPP	1/3/2020	Active	Yes
Current Condition:	Fair Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection. IP needs to be cleaned out. 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.				
IP 10	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 11	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 12	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 13	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 14	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 15	Inlet Protection	See SWPPP	1/3/2020	Active	Yes
Current Condition:	Fair Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection. IP needs to be cleaned out. 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.				
IP 16	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 17	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 18	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 19	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 20	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 21	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 22	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 23	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 24	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 25	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 26	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 27	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
IP 28	Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - Curb inlet protection was installed prior to the 1/3/2020 inspection.				
Lot 1 Replat 4	Individual Lot	Lot 1 Replat 4	1/3/2020	Pending	Yes
Current Condition:	Pending - Charleston Homes began construction on the lot prior to the 1/3/2020 inspection. Silt fence needs to be installed along the north and east sides of the lot and in the southeast corner. 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 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:	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. Silt fence needs to be installed in the rear of the lot and along the east side of the lot. Urban Spark Construction was informed to complete by 2/10/2020. Not done as of the last inspection.				
Lot 17 Replat 1	Individual Lot	Lot 17 Replat 1	1/3/2020	Active	Yes
Current Condition:	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. Silt fence needs to be extended to the south around all ground disturbance. 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.				
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:	Pending - McCaul Contracting began construction on the lot prior to the 1/3/2020 inspection. Silt fence needs to be installed along the north side of the lot and in the northernmost 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.				
Lot 24 Replat 1	Individual Lot	Lot 24 Replat 1	1/3/2020	Active	Yes
Current Condition:	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. 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. 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.				
Lot 56 Replat 1	Individual Lot	Lot 56 Replat 1	1/3/2020	Active	Yes
Current Condition:	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. Silt fence needs to be installed along the south and east sides of the lot. 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.				
Lot 60 Replat 1	Individual Lot	Lot 60 Replat 1	1/3/2020	Pending	Yes
Current Condition:	Pending - Urban Spark Construction began construction on the lot prior to the 1/3/2020 inspection. 1.) Silt fence needs to be installed in the rear of the lot and part-way up each side around all ground disturbance. 2.) Straw wattles need to be installed along the front of the lot. 1.) Urban Spark Construction was informed to complete by 1/10/2020. Not done as of the last inspection. Urban Spark Construction was reminded on 2/13/2020. 2.) Urban Spark Construction was informed to complete by 1/10/2020. Not done as of the last inspection. Urban Spark Construction was reminded on 2/13/2020.				
Lot 62 Replat 1	Individual Lot	Lot 62 Replat 1	3/9/2020	Active	No
Current Condition:	Good 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.				
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 3/23/30 inspection. A dirt pile was observed in the ROW; however, Sundown Homes was actively excavating at the time, the inspector will continue to monitor.				
Lot 85 Replat 1	Individual Lot	Lot 85 Replat 1	3/23/2020	Active	No
Current Condition:	Active - An unidentified builder began excavation on the lot prior to the 3/23/30 inspection. A dirt pile was observed in the ROW; however, the unidentified builder was actively excavating at the time, the inspector will continue to monitor.				
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.				
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.				
	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 - 10% filled - The basin was installed prior to the 1/3/2020 inspection with a permanent riser.				
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.				
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.				
SB 4	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 temporary riser.				
SF 1	Silt fence	See SWPPP	1/3/2020	Active	Yes
Current Condition:	Fair Condition - Silt fence was installed behind Lots 94-93 Replat 1 prior to the 1/3/2020 inspection.				
	Silt fence can be removed behind Lot 93 Replat 1 due to established vegetation.				
	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.				
SF 2	Silt fence	See SWPPP	1/3/2020	Active	Yes
Current Condition:	Fair Condition - Silt fence was installed behind Lots 97-102 Replat 1 prior to the 1/3/2020 inspection.				
	1.) Silt fence needs to be properly trenched in multiple locations along the silt fence run.				
	2.) Silt fence needs to be reinstalled where removed behind Lot 100 Replat 1.				
	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.				
	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.				
SF 3	Silt fence	See SWPPP	1/3/2020	Active	Yes

Current Condition:	Fair Condition - Silt fence was installed across the front of Lot 87 Replat 1 prior to the 1/3/2020 inspection. Silt fence needs to be properly trenched in and hooked on either side of the lot. 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.				
STR	Streets	Internal/S 132nd and Main Street	1/3/2020	Active	Yes
Current Condition:	Fair Condition - Minor street cleaning is needed throughout the site (Cedar Circle, Lilac Circle, Elm Circle, SE of Lot 69 Replat 1, front of Lot 87 Replat 1, adjacent to the concrete washout, and at the N 10th Avenue stub road). All builders and Gene Graves were informed to complete by 1/4/2020. Not done as of the last inspection. Gene Graves was reminded on 3/11/2020.				
SWPPP Signs	Misc/Other	S 132nd Street and Main 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:	