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Engineering Answers

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 Environmental Services Dept. Manager

E&A- P2019.327.000

Inspector: Jason Brackett		Stage
Project Name:	Springfield Pines CSW-201600337	2
For Week Ending:	6/27/2020	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:	0.00"				
Wednesday:	0.00"				
Thursday:	0.85"				
Friday:	0.09"	6/19/2020	Cloudy 77/64	1:30 PM	
Saturday:	0.01"				
					Week 2
Sunday:	0.00"				
Monday:	0.04"				
Tuesday:	0.00"				
Wednesday:	0.00"				
Thursday:	0.00"				
Friday:	0.00"				
Saturday:	0.03"				
					Week 3
Sunday:	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 (1/3/20).

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 (1/3/20).

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 (1/3/20). Portion of ground to the southeast of SB 4 seeded and matted (5/11/20).

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
Create Corrective Action?
No, See Findings Section.

Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?
Yes
Create Corrective Action?
N/A

Are construction entrances and adjacent streets being maintained adequately?
No
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 1/3/20. Projected install dates for the BMPs listed below will reflect the date when the inspector first observed the BMPs on 1/3/20.

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 1/17/20 when weather allows. Not done as of the last inspection. Gene Graves was reminded on 3/11/20. Recommendations for stabilization will be made to individual builders as of the 6/10/20 inspection.
 B. Overgraded lots during homebuilding construction need to be stabilized. All builders were informed to complete by 1/17/20 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 1/3/20 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 1/3/20 inspection. The surrounding area was seeded and matted and the inlet drains to SB 2; no inlet protection will be recommended at this time.				
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 3/9/20 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	No
Current Condition:	Good Condition - A lot level concrete washout was installed on Lot 81 Replat 1 prior to the 1/3/20 inspection. Gene Graves cleaned out the concrete washout prior to the inspection on 5/11/20, the berm recommendation is no longer needed. Gene Graves added rock to the concrete washout approach prior to the 6/1/20 inspection.				
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 6	Inlet Protection	See SWPPP		Removed	

Lot 2 Replat 3	Individual Lot	Lot 2 Replat 3	3/9/2020	Active	No
Current Condition:	Good Condition - Proline Homes began construction on the lot prior to the 3/9/20 inspection. Proline Homes removed the dirt piles from the ROW prior to the 3/23/20 inspection. Proline Homes installed silt fence along the front of the lot prior to the 6/10/20 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 2/10/20 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 or the lot needs to be sodded. Urban Spark Construction was informed to complete by 2/10/20. Not done as of the last inspection. Urban Spark Construction was reminded on 4/21/20.				
Lot 17 Replat 1	Individual Lot	Lot 17 Replat 1		Removed	
Current Condition:	Removed - Carlson Custom Homes sodded the lot prior to the 6/10/20 inspection.				
Lot 18 Replat 1	Individual Lot	Lot 18 Replat 1		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the inspection on 5/11/20.				
Lot 21 Replat 1	Individual Lot	Lot 21 Replat 1		Removed	
Current Condition:	Removed - McCaul Contracting sodded the lot prior to the 6/10/20 inspection.				
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 1/3/20 inspection. Carlson Custom Homes builder installed silt fence in the south east corner and west side of the lot prior to the 1/3/20 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 1/10/20 when identified. Not done as of the last inspection. Carlson Custom Homes was reminded on 3/10/20, 5/18/20. 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 3/10/20, 5/18/20.				
Lot 55 Replat 1	Individual Lot	Lot 55 Replat 1	5/11/2020	Active	No
Current Condition:	Good Condition - Gene Graves installed silt fence on the side of the lot prior to the inspection on 5/11/20. Future silt fence maintenance will be sent to the builder of the lot when construction begins.				
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 1/3/20 inspection. Jeck & Company Inc. installed silt fence in the northeast corner of the lot prior to the 1/13/20 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 4/6/20 inspection. Jeck & Company installed silt fence in the southeast corner of the lot prior to the 4/27/20 inspection. The combination of the silt fence on Lot 55 Replat 1 and the silt fence on Lot 56 Replat 1 is considered adequate sediment control as of the 5/18/20 inspection. The silt fence in the rear of the lot is undermined and needs to be backfilled and trenched in. Jeck and Company was informed to complete by 6/8/20. Not done as of the last inspection.				
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:	Fair Condition - Pacesetter Homes began construction on the lot prior to the 3/9/20 inspection. Pacesetter Homes installed silt fence along the southwest and northwest sides of the lot prior to the 3/9/20 inspection. Pacesetter Homes installed a wattle in the west corner of the lot prior to the 3/9/20 inspection. Silt fence in the rear of the lot is damaged in multiple locations and needs to be repaired. Pacesetter was informed to complete by 4/27/20. Not done as of the last inspection. Pacesetter was reminded on 6/12/20.				
Lot 76 Replat 1	Individual Lot	Lot 76 Replat 1	5/25/2020	Active	No
Current Condition:	Active - Proline Custom Homes began excavation on the lot prior to the 5/25/20 inspection. The lot is relatively flat, the inspector will monitor for the need for BMPs.				
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. 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 83 Replat 1	Individual Lot	Lot 83 Replat 1	5/18/2020	Pending	Yes
Current Condition:	Pending - Pacesetter Homes began excavation of the lot prior to the 5/18/20 inspection. Pacesetter Homes removed the dirt piles from the ROW prior to the 6/10/20 inspection. Silt fence needs to be installed along the south side of the lot and in the southwest corner where possible. Pacesetter Homes was informed to complete by 6/17/20. Not done as of the last inspection.				
Lot 85 Replat 1	Individual Lot	Lot 85 Replat 1	3/23/2020	Pending	Yes

Current Condition:	Pending - 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 87 Replat 1	Individual Lot	Lot 87 Replat 1	5/25/2020	Pending	Yes
Current Condition:	Fair Condition - Sundown Homes began excavation on the lot prior to the 5/25/20 inspection. Sundown Homes installed silt fence along the south side of the lot prior to the 6/19/20 inspection.				
	Silt fence needs to be trenched in .				
	Sundown Homes was informed to complete by 6/17/20. Not done as of the last inspection.				
Lot 107 Replat 1	Individual Lot	Lot 107 Replat 1		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the inspection on 5/11/20.				
Lot 111 Replat 1	Individual Lot	Lot 111 Replat 1	6/1/2020	Active	No
Current Condition:	Active - McCaul began construction prior to the 6/1/20 inspection. McCaul removed the dirt pile from the ROW prior to the 6/10/20 inspection.				
Lot 121 Replat 1	Individual Lot	Lot 121 Replat 1		Removed	
Current Condition:	Removed - McCaul Contracting sodded the lot prior to the inspection on 5/11/20.				
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 1/3/20 inspection. D&E cleaned up the concrete waste prior to the 3/9/20 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 1/10/20. Not done as of the last inspection.				
Lot 123 Replat 1	Individual Lot	Lot 123 Replat 1		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the 5/11/20 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 1/3/20 inspection. McCaul Homes removed the portable toilet from the lot prior to the 1/13/20 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 1/10/20. 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 1/3/20 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 1/10/20. Not done as of the last inspection. McCaul Contracting was reminded on 3/10/20, 5/18/20.				
SB 1	Sediment Basin	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - 1% filled - The basin was installed prior to the 1/3/20 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 - 12% filled - The basin was installed prior to the 1/3/20 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 - 12% filled - The basin was installed prior to the 1/3/20 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	No
Current Condition:	Good Condition - 12% filled - The basin was installed prior to the 1/3/20 inspection with a temporary riser. Commercial Seeding plugged the lowest dewatering hole and backfilled the erosion prior to the 4/27/20 inspection. Commercial seeding seeded and matted the erosion at the inlet pipe and installed a straw wattle at the stub road prior to the inspection on 5/11/20. All future recommendation of maintenance for the wattle will be included with SB 4.				
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 1/3/20 inspection. Commercial Seeding trenched in/reinstalled/repared the silt fence prior to the 4/27/20 inspection.				
SF 3	Silt fence	See SWPPP		Removed	
Current Condition:	Removed - Silt fence was removed in preparation for active construction prior to the 5/18/20 inspection.				
STR	Streets	Internal/S 132nd and Main Street	1/3/2020	Active	Yes

Current Condition:	Fair Condition - Streets need to be cleaned throughout the development. All builders were informed to complete by 5/28/20. Not done as of the last 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:	
				