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Engineering Answers

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

E&A - P2019.327.000

Inspector: Shaun McGuire				Stage
Project Name:	Springfield Pines CSW-201600337			1
For Week Ending:	12/16/2023			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"	12/13/2023	Sunny 47/27	11:30 AM	
Thursday:	0.00"				
Friday:	0.21"				
Saturday:	0.04"				

Complaints: 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 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.
 Yes
 Create Corrective Action?
 N/A
 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?
 Yes
 Create Corrective Action?
 N/A
 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.


The School Site was graded prior to the 9/23/20 inspection. The School Site is not covered by the Springfield Pines permit (SPR-20200728-5543-GP1).

Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):
Some maintenance is required in the BMP section of this report.

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:	Good Condition - 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. Urban Spark installed big reds around inlet prior to the 2/15/22 inspection. Hausman installed 3 additional inlets and added inlet protection prior to the 11/9/22 inspection. Urban Spark cleaned out the inlet protection prior to the 11/9/22 inspection. SID cleaned out the inlet protection prior to the 10/11/23 inspection.				
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		Removed	
Current Condition:	Removed - 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. Gene Graves cleaned out the concrete washout prior to the 11/4/20 inspection. Gene Graves relocated the concrete washout from Lot 81 Replat 1 to Lot 1 prior to the 4/6/21 inspection. Gene Graves cleaned out the concrete washout prior to the 7/7/21 inspection. Gene Graves removed the concrete washout prior to the 10/12/21 inspection, the E&A inspector will monitor for reinstallation. D.R. Horton installed a mobile washout on Lot 126 prior to the 11/23/21 inspection. Mobile washout was removed by D.R. Horton prior to the 12/21/21 inspection. D.R. Horton installed a concrete washout on lot 117 prior to the 5/10/22 inspection. D.R. Horton cleaned out the concrete washout prior to the 7/5/22 inspection. D.R. Horton removed the concrete washout prior to the 10/11/22 inspection, the E&A inspector will monitor for reinstallation.				
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. D.R. Horton reinstalled the inlet filter prior to the 6/21/22 inspection. D.R. Horton removed the inlet filter prior to the 12/21/22 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. D.R. Horton reinstalled inlet filter protection prior to the 5/31/22 inspection. D.R. Horton removed the inlet filter prior to the 12/21/22 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. D.R. Horton reinstalled inlet filter protection prior to the 5/3/22 inspection. D.R. Horton removed the inlet filter prior to the 12/21/22 inspection. Inlet drains to a basin, reinstallation is not recommended.				
IP 6	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. D.R. Horton reinstalled inlet filter protection prior to the 8/30/22 inspection. D.R. Horton removed the inlet filter prior to the 12/21/22 inspection. Inlet drains to a basin, reinstallation is not recommended.				
IP 7	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 8	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. D.R. Horton reinstalled inlet filter protection prior to the 8/30/22 inspection. D.R. Horton removed the inlet filter prior to the 12/21/22 inspection. Inlet drains to a basin, reinstallation is not recommended.				
IP 9	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 10	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. D.R. Horton reinstalled inlet filter protection prior to the 3/1/22 inspection. D.R. Horton cleaned out the inlet filter prior to the 6/7/22 inspection. D.R. Horton reinstalled the inlet filter prior to the 6/21/22 inspection. D.R. Horton removed the inlet filter prior to the 12/21/22 inspection. Inlet drains to a basin, reinstallation is not recommended.				
IP 11	Inlet Protection	See SWPPP		Removed	

Current Condition:	Removed - Brooks Builders sodded the lot prior to the 5/10/22 inspection.			
Lot 20 Replat 1	Individual Lot	Lot 20 Replat 1		Removed
Current Condition:	Active - Sundown Homes LLC sodded the lot prior to the 8/23/22 inspection.			
Lot 22 Replat 1	Individual Lot	Lot 22 Replat 1		Removed
Current Condition:	Removed - Urban Spark sodded the lot prior to the 5/17/22 inspection.			
Lot 23 Replat 1	Individual Lot	Lot 23 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 4/12/22 inspection.			
Lot 26 Replat 1	Individual Lot	Lot 26 Replat 1	7/12/2023	Active Yes
Current Condition:	Fair Condition - Carlson Tile Inc began excavation of the lot prior to the 7/12/23 inspection. Carlson Tile Inc installed silt fence on the side and front of the lot prior to the 7/12/23 inspection. Carlson Tile Inc cleaned the streets in front of the lot prior to the 8/16/23 inspection. Carlson Tile Inc cleaned the streets prior to the 11/1/23 inspection. 1.) Wattles should be installed on the front of the lot. 2.) Silt fence should be cleaned out and repaired. 1.) Carlson Tile was informed to complete by 8/16/23. Not done as of last inspection. Carlson Tile was reminded on 10/5/23. 2.) Carlson Tile was informed to complete by 10/11/23. Not done as of last inspection.			
Lot 28 Replat 1	Individual Lot	Lot 28 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 4/12/22 inspection.			
Lot 30 Replat 1	Individual Lot	Lot 30 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 11/2/22 inspection.			
Lot 33 Replat 1	Individual Lot	Lot 33 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 5/17/22 inspection.			
Lot 36 Replat 1	Individual Lot	Lot 36 Replat 1		Removed
Current Condition:	Sodded - Pacesetter Homes sodded the lot prior to the 12/6/23 inspection.			
Lot 43 Replat 1	Individual Lot	Lot 43 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 7/26/22 inspection.			
Lot 45 Replat 1	Individual Lot	Lot 45 Replat 1		Removed
Current Condition:	Removed - Brooks Builders Inc. sodded the lot prior to the 4/26/23 inspection.			
Lot 46 Replat 1	Individual Lot	Lot 46 Replat 1		Removed
Current Condition:	Removed - Epic Custom Homes sodded the lot prior to the 5/17/22 inspection.			
Lot 48 Replat 1	Individual Lot	Lot 48 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 10/25/22 inspection.			
Lot 49 Replat 1	Individual Lot	Lot 49 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 10/11/22 inspection.			
Lot 51 Replat 1	Individual Lot	Lot 51 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 10/11/22 inspection.			
Lot 55 Replat 1	Individual Lot	Lot 55 Replat 1		Removed
Current Condition:	Removed - D&E Custom Building sodded the lot prior to the 6/28/23 inspection.			
Lot 57 Replat 1	Individual Lot	Lot 57 Replat 1		Removed
Current Condition:	Removed - Pacesetter Homes sodded the lot prior to the 7/12/22 inspection.			
Lot 59 Replat 1	Individual Lot	Lot 59 Replat 1		Removed
Current Condition:	Removed - Nelson Builders sodded the lot prior to the 6/21/22 inspection.			
Lot 63 Replat 1	Individual Lot	Lot 63 Replat 1		Removed
Current Condition:	Removed - Urban Spark sodded the lot prior to the 5/10/23 inspection.			
Lot 71 Replat 1	Individual Lot	Lot 71 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 8/16/22 inspection.			
Lot 78 Replat 1	Individual Lot	Lot 78 Replat 1		Removed
Current Condition:	Removed - Sundown Homes sodded the lot prior to the 7/19/22 inspection.			
Lot 82 Replat 1	Individual Lot	Lot 82 Replat 1		Removed
Current Condition:	Removed - Urban Spark sodded the lot prior to the 8/30/23 inspection.			
Lot 90 Replat 1	Individual Lot	Lot 90 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 11/9/22 inspection.			
Lot 96 Replat 1	Individual Lot	Lot 96 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 8/16/22 inspection.			
Lot 97 Replat 1	Individual Lot	Lot 97 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 12/7/22 inspection.			
Lot 100 Replat 1	Individual Lot	Lot 100 Replat 1		Removed
Current Condition:	Removed - Woodland Homes sodded the lot prior to the 1/4/22 inspection.			
Lot 101 Replat 1	Individual Lot	Lot 101 Replat 1		Removed
Current Condition:	Removed - Lot was seeded prior to the 8/9/23 inspection. Homeowner removed the sediment on adjoining lots prior to the 8/30/23 inspection.			
Lot 105 Replat 1	Individual Lot	Lot 105 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 11/2/22 inspection.			
Lot 112 Replat 1	Individual Lot	Lot 112 Replat 1		Removed
Current Condition:	Removed - D&E Custom Building sodded the lot prior to the 4/12/22 inspection.			
Lot 113 Replat 1	Individual Lot	Lot 113 Replat 1	10/25/2023	Pending Yes
Current Condition:	Pending - D&E Custom Building began excavation on the lot prior to the 10/25/23 inspection. D&E Custom Building cleaned up the concrete waste on the lot prior to the 11/8/23 inspection. 1.) Wattles should be installed along the curb line. 2.) Silt fence should be installed on the rear and sides of the lot. 1.) D&E Custom Building was informed to complete by 11/8/23. Not done as of last inspection. 2.) D&E Custom Building was informed to complete by 11/8/23. Not done as of last inspection.			
Lot 116 Replat 1	Individual Lot	Lot 116 Replat 1		Removed
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 11/2/22 inspection.			
Lot 119 Replat 1	Individual Lot	Lot 119 Replat 1	7/19/2022	Active No

Current Condition:	Good Condition - D.R. Horton installed wattles along the front of the lot prior to the 7/19/22 inspection. Lot is currently inactive.				
Lot 120 Replat 1	Individual Lot	Lot 120 Replat 1		Removed	
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 11/9/22 inspection. D.R. Horton removed the silt fence prior to the 6/21/23 inspection.				
Lot 126 Replat 1	Individual Lot	Lot 127 Replat 1	11/23/2021	Active	No
Current Condition:	Active - D.R. Horton staked down a portable toilet on Lot 126 prior to the 11/23/21 inspection. The lot is currently inactive. D.R. Horton resecured the portable toilet prior to the 3/29/22 inspection. D.R. Horton removed the portable toilet from the lot prior to the 11/16/22 inspection.				
Lot 127 Replat 1	Individual Lot	Lot 127 Replat 1		Removed	
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 10/25/22 inspection.				
Lot 128 Replat 1	Individual Lot	Lot 128 Replat 1		Removed	
Current Condition:	Removed - D.R. Horton sodded the lot prior to the 10/25/22 inspection.				
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. Hausman cleaned out the basin prior to the 8/9/22 inspection. Bottom 4 holes of the orifice plate were unplugged and the basin is now functioning as a post construction basin as of the 6/7/23 inspection.				
SB 2	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 2 rows of holes in the orifice plate prior to the 4/27/20 inspection. Hausman began cleaning out the basin prior to the 8/9/22 inspection. Hausman cleaned out the basin prior to the 8/16/22 inspection. Bottom 2 holes of the orifice plate were unplugged and the basin is now functioning as a post construction basin as of the 6/7/23 inspection.				
SB 3	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. Hausman cleaned out the basin prior to the 8/9/22 inspection. Bottom 4 holes of the orifice plate were unplugged and the basin is now functioning as a post construction basin as of the 6/7/23 inspection.				
SB 4	Sediment Basin	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - 30% 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. Riser in the basin was removed prior to the 10/11/22 inspection. E&A inspector will monitor for installation of permanent riser.				
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		Removed	
Current Condition:	Removed - Wattles were removed for home construction prior to the 10/26/21 inspection. See Lot BMPs for further recommendations.				
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.				
SF 4	Silt fence	Springfield Trail		Removed	
Current Condition:	Removed - The remaining wattles have been mulched or removed as of the 4/9/21 inspection.				
W1	Straw Wattle	SB 4 Stub Road		Removed	
Current Condition:	Removed - Tim Geis cleaned the street and removed the wattle prior to the 7/15/20 inspection, reinstallation is not necessary.				
STR	Streets	Internal/S 132nd and Main Street	1/3/2020	Active	No
Current Condition:	Good Condition - Streets were clean and free of track out during the 11/9/22 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.				
Certification Statement:	"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fines and imprisonment for knowing violations."				
Inspector Signature:				Reviewed By: 