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E & A CONSULTING GROUP, INC.

Engineering Answers

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

E&A - P2017.483.001
 Bill SID as of 10/27/20 P2017.483.000

Inspector: Bryce Wright		Stage
Project Name:	Windsor East SAR-20191014-5177-GP1 CSW-201904190	1
For Week Ending:	12/30/2023	68136
Project Location:	180th & Giles Road (NE), Sarpy County, NE	

Grading:	90%			
Sanitary Sewer:	90%			
Storm Sewer:	90%			
Paving:	95%			
Seeding:	50%			
Utilities:	85%			
Overall Development:	35%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	Storm event time
					Week 1
Sunday:	0.88"				
Monday:	0.24"				
Tuesday:	0.08"				
Wednesday:	0.00"	12/27/2023	Overcast 33/29	1:40 PM	
Thursday:	0.00"				
Friday:	0.00"				
Saturday:	0.00"				

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?

Rough grading began in the eastern portion of the site (4/27/20). Grading began over all portions of the site (7/13/20). Grading on site has ceased due to winter conditions (2/9/21). Paving began all portions of site (4/15/21). Paving completed (6/2/21). Grading and excavation on large western slope (6/24/21). Utility installation began (9/14/21). Home excavation began across entire site (12/28/21).

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days?

Rough grading began in the eastern portion of the site (4/27/20). Grading began over all portions of the site (7/13/20). Grading on site has ceased due to winter conditions (2/9/21). Paving began all portions of site (4/15/21). Paving completed (6/2/21). Grading and excavation on large western slope (6/24/21). Utility installation began (9/14/21). Home excavation began across entire site (12/28/21).

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

Existing vegetation (4/27/20). EM 1, 2, 3, and 4 installed (9/22/20). Western portion of GN 9 seeded/matted along Giles Road (9/22/20). Entire site was drill seeded (4/6/22).

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?
 No

Create Corrective Action?
 No, See BMP section

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 home construction during the most recent inspection.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date):					
1) Some maintenance is recommended in the BMP section of this report.					
2) Bare areas east of SF 2 should be dormant seeded. Legacy Homes was informed to complete by 11/22/23. Not done as of the last inspection.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	Giles Road (Q14)		Removed	
Current Condition:	Removed - Hawkins Construction paved the entrance prior to the inspection on 9/8/21.				
CE 2	Construction Entrance	Giles Road (BB14)		Removed	
Current Condition:	Removed - Hawkins Construction paved the entrance prior to the inspection on 9/8/21.				
D 1	Diversion	E of SB A		Removed	
Current Condition:	Removed - Due to home construction starting diversion is no longer necessary as of 5/3/22.				
D 2	Diversion	SE of SB A		Removed	
Current Condition:	Removed - Due to home construction starting diversion is no longer necessary as of 5/3/22.				
D 3	Diversion	S of SB A		Removed	
Current Condition:	Removed - Due to home construction starting diversion is no longer necessary as of 5/3/22.				
D 4	Diversion	W of SB A	9/22/2020	Active	No
Current Condition:	Good Condition - JC Excavation installed the eastern section of the diversion prior to the 9/22/20 inspection. The western section of the diversion does not appear necessary as of the 9/22/20 inspection, the inspector will continue to monitor. The diversion was partially removed as part of SAR-20200507-5452-GP2 for the 180th St. improvements. Hawkins repaired the slope and seeded and matted all disturbed areas prior to the inspection on 11/22/22. Reinstallation of the diversion under the road way will not be recommended at this time.				
D 5	Diversion	East side of site		Removed	
Current Condition:	Removed - Due to the completion of primary civil development as of the 8/2/21 inspection, the diversion will not be installed.				
ET 1	Erosion Control Terrace	See SWPPP Map		Removed	
Current Condition:	Removed - Due to the completion of primary civil development as of the 8/2/21 inspection, the terrace will not be installed.				
EM 1	Erosion Control Matting	See SWPPP Map		Removed	
Current Condition:	Removed - Due to home construction and the entire site being seeded the erosion control matting is no longer necessary.				
EM 2	Erosion Control Matting	See SWPPP Map		Removed	
Current Condition:	Removed - Due to home construction and the entire site being seeded the erosion control matting is no longer necessary.				
EM 3	Erosion Control Matting	See SWPPP Map	9/22/2020	Active	No
Current Condition:	Good Condition - JC Excavation installed the matting prior to the 9/22/20 inspection. Kersten Construction removed a strip to install storm prior to the inspection on 6/15/21. Hawkins installed silt fence at the base of the hill where matting was removed prior to the inspection on 7/27/21 (see findings section). Hawkins repaired the slope and seeded and matted the slope prior to the inspection on 11/22/22.				
EM 4	Erosion Control Matting	See SWPPP Map	9/22/2020	Active	No
Current Condition:	Good Condition - JC Excavation installed the matting prior to the 9/22/20 inspection.				
EM 5	Erosion Control Matting	See SWPPP Map		Removed	
Current Condition:	Removed - The erosion control matting does not appear to be necessary as of the 8/2/21 inspection.				
FT 1	Fuel Tank	On Site		Removed	
Current Condition:	Removed - JC Removed the fuel tank from the site prior to the 10/28/20 inspection.				
FT 2	Fuel Tank	On Site		Removed	
Current Condition:	Removed - Roloff removed the fuel tank from the site prior to the 11/4/20 inspection.				
FT 3	Fuel Tank	Adjacent to CE 1		Removed	
Current Condition:	Removed - Swain construction removed the fuel tank prior to the inspection on 6/29/21.				
FT 4	Fuel Tank	western section of site		Removed	
Current Condition:	Removed - Swain construction removed the fuel tank prior to the inspection on 6/29/21.				
IF 1-19	Inlet Filter	Interior streets curb inlets	5/17/2023	Active	No
Current Condition:	Good Condition - Commercial Seeding installed inlet protection on all interior street curb inlets prior to the inspection on 5/17/23. Commercial Seeding cleaned out all inlet filters prior to the inspection on 11/1/23.				
Lot 1	Individual Lot	Lot 1		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 11/1/23.				
Lot 2	Individual Lot	Lot 2		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 10/11/23.				
Lot 3	Individual Lot	Lot 3	12/13/2023	Active	Yes

Current Condition:	Fair Condition - Legacy Homes began excavating the lot prior to the inspection on 12/13/23. SF 3 is already installed at the rear of the lot. A dirt pile was observed in the ROW during the inspection on 12/13/23. 1.) Silt fence should be repaired at the rear of the lot and installed along the front and north sides of the lot. 2.) Dirt piles should be removed from the ROW. 1.) Legacy Homes was informed to complete by 12/20/23. Not done as of the last inspection. 2.) Legacy Homes was informed to complete by 12/20/23. Not done as of the last inspection.				
Lot 4	Individual Lot	Lot 4		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 10/11/23.				
Lot 5	Individual Lot	Lot 5		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 8/9/23.				
Lot 6	Individual Lot	Lot 6		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 6/28/23.				
Lot 7	Individual Lot	Lot 7		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 11/1/23.				
Lot 8	Individual Lot	Lot 8		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 7/26/23.				
Lot 9	Individual Lot	Lot 9		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 8/2/23.				
Lot 10	Individual Lot	Lot 10		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 11/1/23.				
Lot 11	Individual Lot	Lot 11	8/9/2023	Active	Yes
Current Condition:	Fair Condition - Legacy Homes began excavation on the lot prior to the inspection on 8/9/23. SF 1 is already installed behind the lot. A dirt pile was observed in the ROW during the inspection on 8/9/23. Legacy Homes removed the dirt pile from the ROW prior to the inspection on 9/6/23. Silt fence or straw wattles should be installed along the front of the lot. Legacy Homes was informed to complete by 8/23/23. Not done as of the last inspection. Legacy Homes was reminded on 9/21/23, 10/26/23, 11/27/23 (CIR #20592), 12/15/23				
Lot 12	Individual Lot	Lot 12	10/25/2023	Active	Yes
Current Condition:	Fair Condition - Legacy Homes began excavation on the lot prior to the inspection on 10/25/23. SF 1 is already installed behind the lot. Silt fence or straw wattles should be installed along the front of the lot. Legacy Homes was informed to complete by 11/1/23. Not done as of the last inspection. Legacy Homes was reminded on 11/27/23 (CIR #20592), 12/15/23				
Lot 20-21	Individual Lot	Lot 20-21	9/27/2023	Active	Yes
Current Condition:	Fair Condition - Legacy Homes began excavation on the lot on 9/27/23. SF 1 was installed behind the lots prior to the lot becoming active. Silt fence or straw wattles should be installed along the front of the lot. Legacy Homes was informed to complete by 12/4/23 per CIR #20592. Not done as of the last inspection. Legacy Homes was reminded on 12/15/23				
Lot 40-41	Individual Lot	Lot 40-41		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 11/15/23.				
Lot 52 - 53	Individual Lot	Lot 52 - 53		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
Lot 54 - 55	Individual Lot	Lot 54 - 55		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
Lot 56 - 57	Individual Lot	Lot 56 - 57		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
Lot 58 - 59	Individual Lot	Lot 58 - 59		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
Lot 60 - 61	Individual Lot	Lot 60 - 61		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
Lot 62 - 63	Individual Lot	Lot 62 - 63		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
Lot 64 - 65	Individual Lot	Lot 64 - 65		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
Lot 66 - 67	Individual Lot	Lot 66 - 67		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
Lot 68 - 69	Individual Lot	Lot 68 - 69		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 9/28/22.				
Lot 70 - 71	Individual Lot	Lot 70 - 71		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 11/17/22.				
Lot 72 - 73	Individual Lot	Lot 72 - 73		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
Lot 74 - 75	Individual Lot	Lot 74 - 75		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				

Lot 76 - 77	Individual Lot	Lot 76 - 77		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
Lot 78 - 79	Individual Lot	Lot 78 - 79		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 11/17/22.				
Lot 80 - 81	Individual Lot	Lot 80 - 81		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 11/17/22.				
Lot 82 - 83	Individual Lot	Lot 82 - 83		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 11/8/22.				
Lot 84 - 85	Individual Lot	Lot 84 - 85		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 6/28/23.				
Lot 86 - 87	Individual Lot	Lot 86 - 87		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 11/15/23.				
Lot 88 - 89	Individual Lot	Lot 88 - 89		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 11/15/23.				
Lot 90 - 91	Individual Lot	Lot 90 - 91		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 11/15/23.				
Lot 92 - 93	Individual Lot	Lot 92 - 93		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 11/15/23.				
Lot 118 - 119	Individual Lot	Lot 118 - 119		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 11/1/23.				
Lot 130 - 131	Individual Lot	Lot 130 - 131		Removed	
Current Condition:	Removed - Legacy Homes sodded the lots prior to the inspection on 12/6/23.				
Lot 133	Individual Lot	Lot 133	11/29/2023	Active	Yes
Current Condition:	Fair Condition - Legacy Homes began excavation on the lot prior to the inspection on 11/29/23. A dirt pile was observed in the ROW. Silt fence was installed along the front of the lot prior to the inspection on 12/13/23. 1.) Silt fence should be repaired along the front of the lot. 2.) Dirt piles should be removed from the ROW. 1.) Legacy Homes was informed to complete by 12/20/23. Not done as of the last inspection. 2.) Legacy Homes was informed to complete by 12/20/23. Not done as of the last inspection.				
Lot 139	Individual Lot	Lot 139	12/13/2023	Active	Yes
Current Condition:	Fair Condition - Legacy Homes began excavating the lot prior to the inspection on 12/13/23. Silt fence was installed along the front of the lot. A dirt pile was observed in the ROW during the inspection on 12/13/23. 1.) Silt fence should be repaired along the front of the lot. 2.) Dirt piles should be removed from the ROW. 1.) Legacy Homes was informed to complete by 12/20/23. Not done as of the last inspection. 2.) Legacy Homes was informed to complete by 12/20/23. Not done as of the last inspection.				
Lot 140	Individual Lot	Lot 140	11/1/2023	Active	No
Current Condition:	Active - Legacy Homes began excavation on the lot prior to the inspection on 11/1/23. A dirt pile was observed in the ROW. Legacy Homes removed the dirt piles from the ROW prior to the inspection on 11/29/23.				
Lot 148	Individual Lot	Lot 148		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
MS 1	Material Storage	On Site		Removed	
Current Condition:	Removed - Primary civil development is complete as of the 8/2/21 inspection. Material storage on site is attributed to SAR20200507-5452-GP2 and is not included in this report.				
PB X	Portable Bathroom	On Site	2/22/2022	Active	No
Current Condition:	Good Condition - Legacy homes installed a portable toilet on site prior to the inspection on 2/22/22. Legacy Homes secured the portable toilet prior to the inspection on 3/7/22. Legacy Homes secured a second portable toilet on site prior to the inspection on 4/6/22. Legacy Homes stood up and secured the portable toilet prior to the 7/13/22 inspection. Legacy Homes secured both portable toilets on site prior to the inspection on 7/12/23.				
SB A	Sediment Basin	O4	10/20/2020	Active	No
Current Condition:	Good Condition - 2% Filled - The basin was partly dug out prior to the 6/10/20 inspection. The basin was fully dug out and the baffle installed by JC Excavation prior to the 9/22/20 inspection. JC Excavation finished installed the riser prior to the 10/20/20 inspection. The E&A inspector painted the cleanout mark on the riser during the 11/4/20 inspection. Minor erosion was observed at the basin outfall during the 3/31/21 inspection. Damage to the baffle was observed on 6/2/21. KDI Excavating began cleaning out the basin prior to the 11/2/22 inspection. KDI Excavating finished cleaning out the basin prior to the inspection on 11/17/22. KDI Excavating removed the baffle during the cleanout. As of 11/17/22 the baffle will not be recommended to be reinstalled. The E&A inspector repainted the cleanout mark on the riser during the 11/30/22 inspection.				
SF 1	Silt fence	S6-X7	5/6/2020	Active	Yes

Current Condition:	Fair Condition - JC Excavation installed the silt fence prior to the 5/6/20 inspection. The SB A berm is built up adjacent to the drainage ditch as of the 6/19/20 inspection, extending the silt fence is no longer recommended. JC Excavation partially cleaned out, trenched in, and repaired the silt fence prior to the 7/6/20 inspection, further maintenance is recommended. JC Excavation cleaned out and repaired the silt fence at V7 prior to the 7/13/20 inspection. The silt fence was partially removed at T6 for utility work prior to the 9/22/20 inspection. JC Excavation patched some of the silt fence prior to the 10/9/20 inspection. All silt fence maintenance is being sent to Legacy Homes as of 2/1/22. Legacy Homes maintained the entire run of silt fence prior to the inspection on 6/7/23.				
	Silt fence should be cleaned out in multiple locations and bare areas at the back of stabilized lots should be stabilized.				
	Legacy Homes was informed to complete by 8/23/23. Not done as of the last inspection. Legacy Homes was reminded on 9/21/23, 10/26/23, 11/27/23 (CIR #20592), 12/15/23				
SF 2	Silt fence	D13-D7-J4	Western edge of site	Active	No
Current Condition:	Good Condition - Legacy Homes reinstalled the silt fence prior to the inspection on 8/30/23. Silt fence was partially damaged however the silt fence is only in place until grading and seeding and matting is completed in the area. E&A inspector will continue to monitor.				
SF 3	Silt fence	CC9-X7	5/6/2020	Active	No
Current Condition:	Good Condition - JC Excavation installed the silt fence prior to the 5/6/20 inspection. The silt fence was partially cleaned out prior to the 3/31/21 inspection. The remaining accumulated sediment along the silt fence needs to be removed to allow water to filter through the silt fence. The maintenance recommendation will remain until proper maintenance is completed. Minor damage was observed to the south end of the silt fence run during the 4/15/21 inspection. Legacy Homes maintained the entire run of silt fence and repaired erosion prior to the inspection on 6/7/23.				
SF 4	Silt fence	Interior Streets	3/21/2022	Active	Yes
Current Condition:	Fair Condition - Legacy Homes installed silt fence along interior streets prior to the inspection on 3/23/22. One section of silt fence needed to be trenched in as of the inspection on 3/23/22. Remaining silt fence was trenched in prior to the inspection on 3/29/22. Gene Graves extended the silt fence along Robin Drive prior to the inspection on 4/14/22. Legacy Homes repaired all damaged areas of silt fence prior to the inspection on 4/26/22. Legacy Homes maintained some interior silt fence prior to the inspection on 5/10/23. Some maintenance is still required. Legacy Homes maintained the rest of the interior street silt fence prior to the inspection on 5/17/23.				
	Silt fence should be cleaned out and repaired in multiple locations .				
	Legacy Homes was informed to complete by 9/27/23. Not done as of the last inspection. Legacy Homes was reminded on 10/26/23, 11/27/23 (CIR #20592), 12/15/23				
SF 5	Silt fence	southwest corner of SB A	4/1/2023	Active	No
Current Condition:	Good Condition - Legacy Homes installed the silt fence checks prior to the inspection on 5/3/23.				
STR	Streets	Giles Road	4/27/2020	Active	No
Current Condition:	Good Condition - Street cleaning will be sent to Legacy Homes as of 2/1/22. Legacy Homes partially cleaned the streets prior to the inspection on 3/15/22. Street cleaning is still necessary. Legacy Homes cleaned all interior streets prior to the inspection on 3/23/22. Minor sediment was observed in the ROW during the inspection on 3/23/22. Great Plains was in the process of cleaning the streets during the inspection on 5/3/22. Legacy Homes partially cleaned the streets prior to the inspection on 2/1/23. Street cleaning is still needed. Legacy Homes was in the process of cleaning the streets during the inspection on 3/15/23. Legacy Homes cleaned the streets prior to the inspection on 3/22/23. Legacy Homes cleaned the streets prior to the inspection on 4/26/23. Legacy Homes cleaned all interior streets prior to the inspection on 5/3/23. Legacy Homes was in the process of cleaning the streets during the inspection on 8/9/23. Legacy Homes cleaned the streets prior to the inspection on 11/1/23.				
SWPPP Sign	Misc./Other	Giles Road	7/13/2020	Pending	No
Current Condition:	Good Condition - E&A inspector installed the SWPPP sign at Q13 during the 7/13/20 inspection. The E&A inspector reinstalled the SWPPP sign at Q13 during the 10/28/20 inspection. SWPPP sign was removed by unknown source prior to the inspection on 6/15/21. E&A inspector reinstalled the SWPPP sign on 8/20/21.				
WO 1	Concrete Washout	On Site	3/21/22.	Active	Yes
Current Condition:	Fair Condition - Legacy Homes installed a concrete washout on site prior to the inspection on 4/26/22. Legacy Homes cleaned out the concrete washout prior to the inspection on 12/7/22. Legacy Homes cleaned out the concrete washout prior to the inspection on 2/1/23. Legacy Homes cleaned out the concrete washout, removed all concrete waste around the site, and maintained silt fence and installed signs around the washout prior to the inspection on 6/7/23. Legacy Homes partially cleaned out the concrete washout prior to the inspection on 11/1/23.				
	Concrete washout should be cleaned out.				
	Legacy Homes was informed to complete by 11/1/23. Not done as of the last inspection. Legacy Homes was reminded on 11/27/23 (CIR #20592), 12/15/23				
WO 2	Concrete Washout	On Site		Removed	
Current Condition:	Removed - Swain Construction removed the washout prior to the inspection on 6/8/21.				
WS 1	Waste Storage	On Site	4/26/2023	Active	No
Current Condition:	Good Condition - Legacy Homes began storing waste on site prior to the inspection on 4/26/23. Legacy Homes removed all trash around the site and emptied all dumpsters prior to the inspection on 6/7/23.				
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:

Bryce M. Wright

Reviewed By:

R. S.