

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 - 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:	8/31/2024	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:	40%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	Storm event time
					Week 1
Sunday:	0.00"				
Monday:	0.00"				
Tuesday:	0.00"				
Wednesday:	0.00"	8/28/2024	Sunny 86	1:15 PM	
Thursday:	0.23"				
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.

Yes

Create Corrective Action?

N/A

Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?

Yes

Create Corrective Action?

N/A

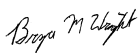
Are construction entrances and adjacent streets being maintained adequately?

No

Create Corrective Action?					
No, See BMP 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 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.					
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		Removed	
Current Condition:	Removed - Due to home construction and the entire site being seeded the erosion control matting is no longer necessary as of 2/28/24.				
EM 4	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 as of 2/28/24.				
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. Gene Graves cleaned out most of the inlet filters prior to the inspection on 6/5/24. Legacy Homes cleaned out the inlet filter in front of lot 132 prior to the inspection on 8/28/24.				
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		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 8/14/24.				
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		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 4/24/24.				
Lot 12	Individual Lot	Lot 12		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 6/12/24.				
Lot 13	Individual Lot	Lot 13	4/24/2024	Active	No
Current Condition:	Good Condition - Legacy Homes began excavation on the lot prior to the inspection on 4/24/24. SF 1 is already installed behind the lot. Dirt piles were observed along the ROW during the inspection on 4/24/24. Legacy Homes installed straw wattles along the front of the lot and removed the dirt piles from the ROW prior to the inspection on 5/29/24. Legacy Homes installed silt fence along the front of the lot prior to the inspection on 7/24/24.				
Lot 20-21	Individual Lot	Lot 20-21		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 8/14/24.				
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 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 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 94 - 95	Individual Lot	Lot 94 - 95	5/29/2024	Active	No
Current Condition:	Good Condition - Legacy Homes installed silt fence along the back and north side of the lot prior to the inspection on 5/29/24.				
Lot 98 - 99	Individual Lot	Lot 98 - 99	5/29/2024	Active	No
Current Condition:	Good Condition - Legacy Homes installed silt fence along the back and north side of the lot prior to the inspection on 5/29/24.				
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 132	Individual Lot	Lot 132		Removed	

Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 8/28/24.				
Lot 133	Individual Lot	Lot 133	11/29/2023	Active	Yes
Current Condition:	<p>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. Legacy Homes removed the dirt piles from the ROW prior to the inspection on 1/10/24. Legacy Homes installed silt fence along the front of the lot prior to the inspection on 7/24/24.</p> <p>Silt fence along the front of the lot should be repaired.</p> <p>Legacy Homes was informed to complete by 8/28/24. Not done as of the last inspection.</p>				
Lot 134	Individual Lot	Lot 134	6/5/2024	Pending	Yes
Current Condition:	<p>Pending - Legacy Homes began excavation on the lot prior to the inspection on 6/5/24. A dirt pile was observed in the ROW during the inspection on 6/5/24. Legacy Homes removed the dirt pile from the ROW prior to the inspection on 7/17/24.</p> <p>Silt fence or straw wattles should be installed along the front of the lot.</p> <p>Legacy Homes was informed to complete by 7/17/24. Not done as of the last inspection. Legacy Homes was reminded on 8/1/24, 8/23/24</p>				
Lot 139	Individual Lot	Lot 139		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 8/14/24.				
Lot 140	Individual Lot	Lot 140		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 4/24/24.				
Lot 141	Individual Lot	Lot 141	8/14/2024	Active	Yes
Current Condition:	<p>Fair Condition - Legacy Homes began excavating the lot prior to the inspection 8/14/24. A dirt pile was observed along the ROW during the inspection on 8/14/24. Legacy Homes installed silt fence along the street and west side of the lot and installed and secured a portable toilet on the lot prior to the inspection on 8/28/24.</p> <p>Dirt piles should be removed from the ROW.</p> <p>Legacy Homes was informed to complete by 8/28/24. Not done as of the last inspection.</p>				
Lot 143	Individual Lot	Lot 143	7/24/2024	Active	No
Current Condition:	<p>Good Condition - Legacy Homes began excavating the lot prior to the inspection on 7/24/24. A dirt pile was observed along the ROW during the inspection on 7/24/24. Legacy Homes removed the dirt piles from the ROW prior to the inspection on 8/21/24. Legacy Homes installed silt fence along the street and west side of the lot prior to the inspection on 8/28/24.</p>				
Lot 147	Individual Lot	Lot 147	7/24/2024	Active	No
Current Condition:	<p>Good Condition - Legacy Homes began excavating the lot prior to the inspection on 7/24/24. A dirt pile was observed along the ROW during the inspection on 7/24/24. Legacy Homes removed the dirt piles from the ROW prior to the inspection on 8/21/24. Legacy Homes installed silt fence along the street and west side of the lot prior to the inspection on 8/28/24.</p>				
Lot 148	Individual Lot	Lot 148		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 5/24/23.				
Lot 162	Individual Lot	Lot 162	4/24/2024	Active	No
Current Condition:	<p>Good Condition - Legacy Homes began construction on the lot prior to the inspection on 4/24/24. Silt fence 4 is installed along the front of the lot. Dirt piles were observed along the ROW. Legacy Homes removed the dirt piles from the ROW and repaired the silt fence prior to the inspection on 7/24/24.</p>				
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:	<p>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.</p>				
SB A	Sediment Basin	O4	10/20/2020	Active	No
Current Condition:	<p>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.</p>				
SF 1	Silt fence	S6-X7		Removed	
Current Condition:	Removed - Legacy Homes removed the silt fence prior to the inspection on 7/24/24.				
SF 2	Silt fence	D13-D7-J4	Western edge of site	Active	Yes
Current Condition:	<p>Fair 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.</p> <p>Silt fence should be repaired in multiple locations.</p> <p>Graves Development was informed to complete by 5/15/24. Not done as of last inspection.</p>				

SF 3	Silt fence	CC9-X7		Removed	
Current Condition:	Removed - Legacy Homes removed the silt fence prior to the inspection on 7/24/24.				
SF 4	Silt fence	Interior Streets	3/21/2022	Active	Yes
Current Condition:	<p>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 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. Legacy Homes removed some of the interior silt fence prior to the inspection on 7/10/24.</p> <p>Silt fence should be cleaned out and repaired in multiple locations or removed in front of vacant lots.</p> <p>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, 2/23/24, 4/5/24, 5/3/24, 5/30/24, 7/11/24, 8/1/24, 8/23/24</p>				
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	Yes
Current Condition:	<p>Fair 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.</p> <p>Streets through the entire development should be cleaned.</p> <p>Legacy Homes was informed to complete by 2/1/24. Not done as of the last inspection. Legacy Homes was reminded on 2/23/24, 4/5/24, 5/3/24, 5/30/24, 7/4/24, 7/11/24, 8/1/24, 8/15/24, 8/23/24</p>				
SWPPP Sign	Misc./Other	Giles Road	7/13/2020	Active	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	No
Current Condition:	<p>Good 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. Legacy Homes partially cleaned out the concrete washout prior to the inspection 2/21/24. Legacy Homes cleaned out the concrete washout prior to the inspection on 7/31/24. Legacy Homes cleaned up all concrete waste outside of the concrete washout prior to the inspection on 8/28/24.</p>				
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:	<p>"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."</p>				
Inspector Signature:				Reviewed By:	