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



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

Engineering Answers

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

		Bill SID as of 10/27	7/20 P2017.483.000		
Inspector: Bryce Wright					Stage
Drainet Name		1			
Project Name:			201904190		68136
For Week Ending:			26/2023		00130
Project Location:		180th & Giles Roa	d (NE), Sarpy County, NE		
Grading:		90%		T	
Sanitary Sewer:	9	90%			
Storm Sewer:	9	90%			
Paving:	(95%			
Seeding:	Į.	50%			
Utilities:	8	35%			
Overall Development:	3	35%			
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	Storm event time
					Weel
Sunday:	0.00"				
Monday:	0.00"				
Tuesday:	0.00"				
Wednesday:	0.00"	8/23/2023	Sunny 93	11:40 AM	
Thursday:	0.03"				
Friday:	0.02"				
Saturday:	0.69"				
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

Preate Corrective Action?

N/A

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

No

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 constru	ction activity adequately contro	lled on the site?				
Yes						
Create Corrective Action?						
N/A						
Comments:						
Comments:						
Site was active for home const	ruction during the most rece	ent inspection.				
Findings / Corrective Actions						
Findings / Corrective Actions	<u> </u>					
1) Some maintenance is recom		of this report				
2) SF-1 for SAR-20200507-545			s installed along the east side of	of EM 3 prior to the 8/2	2/21 inspection. The SF	
will not be included in this repo						
temporary road project. This is					no location within the	
		<u> </u>				
Unique Name	Type	Location	Projected Install Date	Status	Maintenance	
CE 1	Construction Entrance	Giles Road (Q14)		Removed	1	
Current Condition:	Removed - Hawkins Cons	truction paved the entran	ce prior to the inspection on 9	/8/21.	_	
CE 2	Construction Entrance	Giles Road (BB14)		Removed	T	
Current Condition:	Removed - Hawkins Construction paved the entrance prior to the inspection on 9/8/21.					
D 1	Diversion	F of SB A	I	Removed	1	
Current Condition:		2 0. 05 / 1	sion is no longer necessary as			
D 2	Diversion	SE of SB A	l	Removed	T	
Current Condition:			sion is no longer necessary as		-1	
D 3	Diversion	S of SB A	 	Removed	Т	
Current Condition:			sion is no longer necessary as		-	
D 4	Diversion	W of SB A	9/22/2020	Active	No	
Current Condition:	Good Condition - JC Excar	vation installed the easte	rn section of the diversion prio	r to the 9/22/20 inspec	ction. The western	

Current Condition:	Removed - Hawkins Const	ruction paved the entran	ce prior to the inspection on 9/	8/21.	
D 1	Diversion	E of SB A		Removed	
Current Condition:	Removed - Due to home c	onstruction starting diver	sion is no longer necessary as	of 5/3/22.	
D 2	Diversion	SE of SB A		Removed	
Current Condition:	Removed - Due to home c	onstruction starting diver-	sion is no longer necessary as		
D 3	Diversion	S of SB A		Removed	
Current Condition:	Removed - Due to home c	onstruction starting diver-	sion is no longer necessary as	of 5/3/22.	
D 4	Diversion	W of SB A	9/22/2020	Active	No
Current Condition:	section of the diversion doe diversion was partially rem	es not appear necessary oved as part of SAR-202 tted all disturbed areas pr	rn section of the diversion prior as of the 9/22/20 inspection, the 00507-5452-GP2 for the 180th rior to the inspection on 11/22/2	he inspector will continu n St. improvements. Ha	ue to monitor. The wkins repaired the
D 5	Diversion	East side of site		Removed	
Current Condition:	Removed - Due to the com	pletion of primary civil de	evelopment as of the 8/2/21 ins	spection, the diversion	will not be installed.
ET 1	Erosion Control Terrace	See SWPPP Map		Removed	
Current Condition:	Removed - Due to the com	ipletion of primary civil de	evelopment as of the 8/2/21 ins	spection, the terrace wil	l not be installed.
EM 1	Erosion Control Matting	See SWPPP Map		Removed	
Current Condition:	Removed - Due to home c		e site being seeded the erosior	n control matting is no lo	onger necessary.
EM 2	Erosion Control Matting	See SWPPP Map		Removed	
Current Condition: EM 3	Erosion Control Matting		e site being seeded the erosion 9/22/2020	Active	No
Current Condition:	install storm prior to the ins	spection on 6/15/21. Haw //27/21 (see findings secti	ng prior to the 9/22/20 inspection ikins installed silt fence at the body ion). Hawkins repaired the slop	pase of the hill where m	atting was removed
EM 4	Erosion Control Matting	See SWPPP Map	9/22/2020	Active	No
Current Condition:			ng prior to the 9/22/20 inspection		
EM 5	Erosion Control Matting			Removed	
Current Condition:			pear to be necessary as of the		
FT 1	Fuel Tank	On Site		Removed	
Current Condition:			prior to the 10/28/20 inspection		
FT 2	Fuel Tank	On Site		Removed	
Current Condition:			te prior to the 11/4/20 inspection		
FT 3	Fuel Tank	Adjacent to CE 1	La contracto de la contracto d	Removed	
Current Condition:	Removed - Swain construc	tion removed the fuel tar	nk prior to the inspection on 6/2	<u>29/21.</u>	
FT 4	Fuel Tank	western section of site		Removed	
Current Condition:	Removed - Swain construc		nk prior to the inspection on 6/2	29/21.	
IF 1-19	Inlet Filter	Interior streets curb inlets	5/17/2023	Active	Yes
Current Condition:	Fair Condition - Commercia				

Inlet filters should be cleaned out in front of all active lots.

Individual Lot

Lot 1

Legacy Homes was informed to complete by 8/23/23. Not done as of the last inspection.

11/2/2022

Active

Lot 1

Current Condition:	Fair Condition - Legacy Homes began excavation on the lot on 11/2/22. Due to active excavation E&A inspector will monitor for BMP installation. Legacy Homes cleaned up the concrete waste from the front of the lot and installed silt fence along the front the lot prior to the inspection on 6/7/23.c						
	Silt fence should be repaired along the front of the lot.						
	Legacy Homes was informed to complete by 8/23/23. Not done as of the last inspection.						
Lot 2	Individual Lot	Lot 2	11/8/2022	Active	Yes		
Current Condition:			n the lot on 11/8/22. Legacy H				
Guirent Condition.	lot prior to the inspection of		in the lot on 11/0/22. Legacy i	iomes installed slit lend	se along the front of the		
	Silt fence should be repaired along the front of the lot.						
	Legacy Homes was inform 8/17/23	ned to complete by 7/12/2	3. Not done as of the last insp	ection. Legacy Homes	was reminded on		
Lot 4	Individual Lot	Lot 4	10/19/2022	Active	Yes		
Current Condition:	Fair Condition - Legacy Ho	mes began excavation o	n the lot prior to the inspection	on 10/19/22. SF 1 is a	already installed behind		
	Fair Condition - Legacy Homes began excavation on the lot prior to the inspection on 10/19/22. SF 1 is already installed behind the lot. Legacy Homes removed the dirt piles from the ROW prior to the inspection on 11/22/22. Legacy Homes installed straw wattles along the front of the lot prior to the inspection on 6/7/23. Legacy Homes removed the straw wattles along the front of to to prior to the inspection on 7/5/23. Silt fence or straw wattles should be reinstalled along the front of the lot.						
	Legacy Homes was inform		3. Not done as of the last insp	ection.Legacy Homes	was reminded on		
	8/17/23						
Lot 5	Individual Lot	Lot 5		Removed			
Current Condition:	Removed - Legacy Homes	s sodded the lot prior to the	ne inspection on 8/9/23.				
Lot 6	Individual Lot	Lot 6		Removed			
Current Condition:	Removed - Legacy Homes		ne inspection on 6/28/23.				
1.17			1 40/40/0000	1 4 "	N/		
Lot 7	Individual Lot	Lot 7	10/19/2022	Active	Yes		
Current Condition:			n the lot prior to the inspection				
	the lot. Legacy Homes removed the dirt piles from the ROW prior to the inspection on 11/22/22. Legacy Homes installed straw wattles along the front of the lot prior to the inspection on 6/7/23. Legacy Homes removed the straw wattles along the front of the lot prior to the inspection on 7/5/23.						
	Silt fence or straw wattles	snould be reinstalled alol	ng the front of the lot.				
	Logacy Homos was inform	and to complete by 7/12/2	3. Not done as of the last insp	ection Logacy Homos	was rominded on		
	8/17/23	ied to complete by 1/12/2	.s. Not done as of the last msp	lection. Legacy Homes	was reminded on		
Lot 8	Individual Lot	Lot 8		Removed	1		
Current Condition:	Removed - Legacy Homes		L ne inspection on 7/26/23	Tterrioved			
Lot 9	Individual Lot	Lot 9	I	Removed	1		
Current Condition:	Removed - Legacy Homes		l ne inspection on 8/2/23	Removed			
Lot 10	Individual Lot	Lot 10	4/26/2022	Active	No		
Current Condition:							
	the lot. Legacy Homes ren Homes installed silt fence	Good Condition - Legacy Homes began excavation on the lot prior to the inspection on 4/26/22. SF 1 is already installed behind the lot. Legacy Homes removed the dirt pile and concrete waste from the ROW prior to the inspection on 5/26/22. Legacy Homes installed silt fence along the front downhill corner of the lot prior to the inspection on 9/28/22. Legacy Homes installed straw wattles along the front of the lot prior to the inspection on 2/8/23. Legacy Homes reinstalled straw wattles along the front of the lot prior to the inspection on 6/7/23.					
Lot 11	Individual Lot	Lot 11	8/9/2023	Active	Yes		
Current Condition:	_	<u> </u>		<u> </u>			
	dition: Fair Condition - Legacy Homes began excavation on the lot prior to the inspection on 8/9/23. SF 1 is already installed lot. A dirt pile was observed in the ROW during the inspection on 8/9/23.						
	1.) Dirt pile should be remo 2.) Silt fence or straw wattl		ong the front of the lot.				
	, , ,		23/23. Not done as of the last 23/23. Not done as of the last				
Lot 40-41	Individual Lot	Lot 40-41	4/12/2023	Active	Yes		
Current Condition:			on the lot on 4/12/23. A dirt pile				
	removed the dirt pile from	pection on 5/17/23. Legacy Ho alled silt fence along the rear o	mes installed silt fence	on the front of the lots			
	Silt fence should be repaired in the front and rear of the lot.						
	Legacy Homes was inform	ned to complete by 8/23/2	3. Not done as of the last in	spection.			
Lot 52 - 53	Individual Lot	Lot 52 - 53		Removed			
Current Condition:	Removed - Legacy Homes		ne inspection on 5/24/23.	1	I .		
Lot 54 - 55	Individual Lot Lot 54 - 55 Removed						
Current Condition:							
			ne inspection on 5/24/23.				
Lot 56 - 57	Removed - Legacy Homes		ne inspection on 5/24/23.	Removed			
Lot 56 - 57	Removed - Legacy Homes	s sodded the lot prior to the Lot 56 - 57	·	!			
	Removed - Legacy Homes Individual Lot	s sodded the lot prior to the Lot 56 - 57	·	!			

Current Condition:	Removed - Legacy Homes	saddad the let prior to the	no inspection on 5/24/23		
Lot 60 - 61	Individual Lot	Lot 60 - 61		Removed	
Current Condition:	Removed - Legacy Homes		he inspection on 5/24/23	rtemoved	
Lot 62 - 63	Individual Lot	Lot 62 - 63	1 1100000001011 011 0/2 1/20.	Removed	
Current Condition:	Removed - Legacy Homes		he 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	he 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	ne inspection on 5/24/23.		
Lot 68 - 69	Individual Lot	Lot 68 - 69		Removed	
Current Condition:	Removed - Legacy Homes		the inspection on 9/28/22.	1	T
Lot 70 - 71	Individual Lot	Lot 70 - 71		Removed	
Current Condition:			the inspection on 11/17/22.		<u> </u>
Lot 72 - 73	Individual Lot	Lot 72 - 73	he imprestion on E/24/22	Removed	
Current Condition: Lot 74 - 75	Removed - Legacy Homes Individual Lot	Lot 74 - 75	l inspection on 5/24/23.	Removed	
Current Condition:	Removed - Legacy Homes		he inspection on 5/24/23	Removed	
Lot 76 - 77	Individual Lot	Lot 76 - 77	I I I Spection on 3/24/23.	Removed	
Current Condition:	Removed - Legacy Homes	l .	he inspection on 5/24/23	Ttomovou	
Lot 78 - 79	Individual Lot	Lot 78 - 79		Removed	
Current Condition:		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		the inspection on 11/17/22.		
Lot 82 - 83	Individual Lot	Lot 82 - 83		Removed	
Current Condition:	Removed - Legacy Homes		he inspection on 11/8/22.	1	ı
Lot 84 - 85	Individual Lot	Lot 84 - 85		Removed	
Current Condition:	Removed - Legacy Homes	s sodded the lots prior to	the inspection on 6/28/23.		
Lot 86 - 87	Individual Lot	Lot 86 - 87	2/8/2022	Active	No
Current Condition:			on the lot prior to the inspection		
	I.		. Legacy Homes installed silt food straw wattles along the curb		•
Lot 88 - 89	Individual Lot	Lot 88 - 89	2/15/2022	Active	No
Current Condition:		stalled silt fence along the	on the lot prior to the inspection on the lot prior of the lot prior inspection on 6/7/23.		
Lot 90 - 91	Individual Lot	Lot 90 - 91	2/15/2022	Active	No
Current Condition:		stalled silt fence along the	on the lot prior to the inspection on northeast corner of the lot pri inspection on 6/7/23.		
Lot 92 - 93	Individual Lot	Lot 92 - 93	3/1/2022	Active	No
Current Condition:		oved the dirt pile from the	on the lot prior to the inspection on the lot prior to the 5/31/23 inst/23.		
Lot 118 - 119	Individual Lot	Lot 118 - 119	7/18/2022	Active	No
Current Condition:	the lots no BMPs will be re on 8/10/22. Legacy Homes Legacy Homes installed st fence from along the stree 5/24/23. Due to sidewalk p inspection on 6/7/23.	commended at this time s installed silt fence along raw wattles along the fro t for paving prior to the in aving and vegetated buf	t prior to the inspection on 7/18. Legacy Homes removed the g the front and rear corners of the form of the lot prior to the inspect inspection on 3/29/23. Legacy Her along the back of the lot BM	dirt pile from the ROW the lot prior to the inspe- ion on 2/8/23. Legacy I lomes sodded lot 118 I I/Ps are no longer reco	prior to the inspection ection on 9/28/22. Homes removed the silt prior to the inspection on mmended as of the
Lot 130 - 131	Individual Lot	Lot 130 - 131	10/13/2022	Active	No
Current Condition:			ot prior to the inspection on 10/ ne. Legacy Homes removed th		
	inspection on 11/22/22.	recommended at this till	ne. Legacy Homes removed th	e dirt plies from the re	yw phor to the
Lot 148	Individual Lot	Lot 148		Removed	
Current Condition:	Removed - Legacy Homes		he inspection on 5/24/23.		T
MS 1	Material Storage	On Site		Removed	
Current Condition:			as of the 8/2/21 inspection. Ma	iterial storage on site is	attributed to
PB X	SAR20200507-5452-GP2	and is not included in this	. '	Activo	No
Current Condition:	Portable Bathroom		2/22/2022 e toilet on site prior to the inspe	Active	
Garrent Condition.	portable toilet prior to the i	nspection on 3/7/22. Leg	acy Homes secured a second	portable toilet on site p	rior to the inspection on
	4/6/22. Legacy Homes sto portable toilets on site prio		ortable toilet prior to the 7/13/2 2/23.	2 inspection. Legacy H	omes secured both
SB A				2 inspection. Legacy H	omes secured both No

Current Condition:	baffle installed by JC Exca inspection. The E&A inspection observed at the basin outfacteaning out the basin prio 11/17/22. KDI Excavating	vation prior to the 9/22/20 ector painted the cleanou all during the 3/31/21 insp r to the 11/2/22 inspectio removed the baffle during	dug out prior to the 6/10/20 ins D inspection. JC Excavation fit t mark on the riser during the pection. Damage to the baffle n. KDI Excavating finished cle g the cleanout. As of 11/17/22 but mark on the riser during the	inished installed the rise 11/4/20 inspection. Min was observed on 6/2/2 eaning out the basin pric the baffle will not be re	er prior to the 10/20/20 nor erosion was 1. KDI Excavating began or to the inspection on		
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 inform	ed to complete by 8/23/2	3. Not done as of the last in	spection.			
SF 2	Silt fence	D13-D7-J4		Removed			
Current Condition:			rior to the inspection on 8/16/2	1			
SF 3 Current Condition:	Silt fence	CC9-X7	5/6/2020 nce prior to the 5/6/20 inspecti	Active	No partially alcohold out		
SF 4	prior to the 3/31/21 inspect filter through the silt fence.	tion. The remaining accu The maintenance recon the south end of the silt fo	imulated sediment along the s nmendation will remain until p ence run during the 4/15/21 ins	silt fence needs to be re roper maintenance is c	moved to allow water to ompleted. Minor		
Current Condition:			along interior streets prior to				
SF 5	3/29/22. Gene Graves external damaged areas of silt fenomeral silt.	ended the silt fence along the prior to the inspection of the maintenance is still re- 3.	on 3/23/22. Remaining silt fei Robin Drive prior to the inspe on 4/26/22. Legacy Homes ma quired. Legacy Homes mainta 4/1/2023	ection on 4/14/22. Lega aintained some interior	cy Homes repaired all silt fence prior to the		
Current Condition:	Good Condition - Legacy F	A Homes installed the silt fe	I nce checks prior to the inspec	L ction 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 21/1/22. 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 2/11/23. 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.						
SWPPP Sign	Misc./Other	Giles Road	7/13/2020	Pending	No		
Current Condition:		uring the 10/28/20 inspec	PP sign at Q13 during the 7/1 ction. SWPPP sign was remov sign on 8/20/21.				
WO 1	Concrete Washout	On Site	3/21/22.	Active	No		
Current Condition:	out the concrete washout prinspection on 2/1/23. Lega	orior to the inspection on cy Homes cleaned out th	te washout on site prior to the 12/7/22. Legacy Homes clean e concrete washout, removed washout prior to the inspection	ed out the concrete wa all concrete waste aro	shout prior to the		
WO 2	Concrete Washout	On Site		Removed			
Current Condition:	Removed - Swain Constru		out prior to the inspection on 6				
WS 1	Waste Storage	On Site	4/26/2023	Active	No No		
Current Condition:	0 ,		ste on site prior to the inspection to the inspection on 6/7/23.	• .	nomes removed all		
Certification Statement:	"I certify, under penalty of I direction or supervision in properly gathered and eva persons who manage the the information submitted i	aw, that this document at accordance with a systen luated the information sul system or those persons is, to the best of my know gnificant penalties for sub	nd all attachments were prepa n designed to assure that qua bmitted. Based on my inquiry directly responsible for gather redge and belief, true, accura bmitting false information inclu	ared under my lified personnel of the person or ing the information, te, and complete. I			
Inspector Signature:	Brega M Elaght			Reviewed By:	But Su		