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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 10/2	27/20 P2017.483.000				
Inspector: Bryce Wright					Stage		
		Wir	ndsor East				
		SAR-2010	91014-5177-GP1		1		
					'		
Project Name:		CSW-201904190					
For Week Ending:		4/16/2022					
Project Location:		180th & Giles Ro	ad (NE), Sarpy County, NE				
Grading:		90%					
Sanitary Sewer:		90%					
Storm Sewer:		90%					
Paving:		95%					
Seeding:		50%					
Utilities:		85%					
Overall Development:		35%					
	I				1		
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time			
					Week '		
Sunday:	0.00"						
Monday:	0.00"						
Tuesday:	0.32"						
Wednesday:	0.00"						
Thursday:	0.00"	4/14/2022	Sunny 48	1:35 PM			
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 (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 (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:

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?

No

Create Corrective Action?

No, see BMP section

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 BMP and 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):

- 1) Some maintenance is recommended in the BMP section of this report.
- 2) Areas of the site that will be inactive for 14 days or more need to be stabilized. JC Excavation/Gene Graves were informed to complete by 3/18/21. Not done as of the last inspection. JC Excavation/Gene Graves were reminded on 3/16/21, 5/20/21, 6/10/21, 7/9/21, 8/19/21, 9/16/21, 9/27/21 (Per CIR#15091), 10/20/21, 12/2/21, 2/10/22
- Nebraska Hydroseeding was met on site on 7/22/21 to plan for seeding of entire site. Western portion of the site is ready for seeding. Rest of site still needs approval to start from Caleb B. of E&A. Nebraska Hydroseeding completed mowing on site on 7/28/21. Nebraska Hydroseeding graded and seeded the entire site prior to the inspection on 4/6/22.
- 3) SF-1 for SAR-20200507-5452-GP2 (Giles Road/180th Street Improvements) was installed along the east side of EM 3 prior to the 8/2/21 inspection. The SF will not be included in this report and is part of the road improvement project. The SF has been marked on the SWPPP map to indicate its location within the temporary road project. This is also consistent with the silt fence wraps installed at ~K12 and the fuel tank at AA12.

Unique Name	Туре	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:		, ,	I Ince prior to the inspection on				
D 1	Diversion	E of SB A	9/22/2020	Active	Yes		
Current Condition:			ion prior to the 9/22/20 inspec		res		
D 2 Current Condition:	were reminded on 1/13/2 3/31/22 2.) JC Excavation/Gene C Excavation/Gene Graves 2/10/22, 3/31/22 Diversion Fair Condition - JC Excavation - JC	ormed to complete by 10 1, 3/5/21, 3/16/21, 4/23/2 Graves were informed to were reminded on 3/16/ SE of SB A ration partially installed the diversion where possible of GN 8.	0/13/20. Not done as of the la 21, 5/20/21, 6/10/21, 7/9/21, 8 complete by 3/11/21. Not don 21, 4/23/21, 5/20/21, 6/10/21, 9/22/2020 ne diversion prior to the 8/10/2 e prior to the 9/22/20 inspection	/19/21, 9/16/21, 10/20/ ee as of the last inspec 7/9/21, 8/19/21, 9/16/2 Active	tion. JC 21, 10/20/21, 12/2/2 21, 10/20/21, 12/2/2 Yes avation installed the		
D 3			nplete by 3/11/21. Not done a 21, 6/10/21, 7/9/21, 8/19/21, 9/22/2020	· ·			
Current Condition:			here possible prior to the 9/22				
	the need of additional diversions from GN 8. The diversion was removed prior to the 10/7/20 inspection. The diversion/swale needs to be reinstalled when works allows. JC Excavation was informed to complete by 10/13/20. Not done as of the last inspection. JC Excavation/Ger reminded on 1/13/21, 3/5/21, 3/16/21, 4/23/21, 5/20/21, 6/10/21, 7/9/21, 8/19/21, 9/16/21, 10/20/21, 12/2/21, 1/20/						
D 4	Diversion	W of SB A	9/22/2020	Active	Yes		
Current Condition:			rn section of the diversion price				
	diversion was partially rer	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. The diversion should be redefined when work allows in applicable areas. The inspector will make specific recommendation when the roadway work is complete. Hawkins will be informed to complete when the roadwork is complete as of the 8/2/21 inspection. Not done as of the last					
	when the roadway work is Hawkins will be informed	s complete.					
D 5	when the roadway work is Hawkins will be informed inspection.	complete. to complete when the ro		8/2/21 inspection. Not			
D 5 Current Condition:	when the roadway work is Hawkins will be informed inspection. Diversion Removed - Due to the con	to complete. to complete when the ro East side of site mpletion of primary civil		8/2/21 inspection. Not	done as of the last		
Current Condition: ET 1	when the roadway work is Hawkins will be informed inspection. Diversion Removed - Due to the col Erosion Control Terrace	to complete when the ro East side of site mpletion of primary civil	adwork is complete as of the Clevelopment as of the 8/2/21	8/2/21 inspection. Not Removed inspection, the diversion	done as of the last		
Current Condition:	when the roadway work is Hawkins will be informed inspection. Diversion Removed - Due to the col Erosion Control Terrace	to complete when the ro East side of site mpletion of primary civil	adwork is complete as of the	8/2/21 inspection. Not Removed inspection, the diversion	done as of the last		

Current Condition:	Pending - JC Excavation installed the matting prior to the 9/22/20 inspection. The matting was removed prior to the 3/4/21 inspection. The matting needs to be reinstalled with the diversion. JC Excavation/Gene Graves were informed to complete by 3/11/21. Not done as of the last inspection. JC Excavation/Gene Graves were reminded on 3/16/21, 4/23/21, 5/20/21, 6/10/21, 7/9/21, 8/19/21, 9/16/21, 9/27/21 (Per CIR#15091), 10/20/21,					
EM 2	12/2/21 2/10/22 3/31/22 Erosion Control Matting	See SWPPP Map	9/22/2020	Pending	Yes	
Current Condition:		nstalled the matting price	r to the 9/22/20 inspection. T			
		<mark>/21, 3/16/21, 4/23/21, 5/</mark> 2	3/20. Not done as of the last i 20/21, 6/10/21, 7/9/21, 8/19/2	· ·		
EM 3	Erosion Control Matting	See SWPPP Map	9/22/2020	Active	Yes	
Current Condition:	Fair 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). Matting should be reinstalled where removed from storm installation. MBC was informed to complete by 7/14/21. Not done as of the last inspection. Hawkins Construction installed storm and will be contacted when info is found on their project. Mitch C. of E&A contacted Hawkins and informed them of the maintenance on 7/22/21. As of the 8/2/21 inspection, maintenance will be completed as part of SAR-20200507-5452-GP2.					
EM 4	Fracian Control Matting	Con CW/DDD Mon	0/22/2020	Activo	No	
EM 4	Erosion Control Matting		9/22/2020	Active	No	
Current Condition:			ting prior to the 9/22/20 inspec		1	
EM 5	Erosion Control Matting			Removed		
Current Condition:			appear to be necessary as of		1	
FT 1	Fuel Tank	On Site		Removed		
Current Condition:			e prior to the 10/28/20 inspec		1	
FT 2	Fuel Tank	On Site		Removed		
Current Condition:			site prior to the 11/4/20 inspe		1	
FT 3	Fuel Tank	Adjacent to CE 1		Removed		
Current Condition:	Removed - Swain constru	ction removed the fuel to	ank prior to the inspection on	6/29/21.	ı	
FT 4	Fuel Tank	western section of site		Removed		
Current Condition:			ank prior to the inspection on		N.	
Lot 54 - 55 Current Condition:	Individual Lot Lot 54 - 55 3/18/2022 Active No Active - Legacy Homes began excavation on the lot prior to the inspection on 3/18/22. A dirt pile was observed along the ROW during the inspection on 3/18/22. However the lots were actively being excavated during the inspection so no maintenance or BMPs will be recommended at this time. E&A inspector will continue to monitor.					
Lot 56 - 57	Individual Lot	Lot 56 - 57	3/18/2022	Active	No	
Current Condition:	Active - Legacy Homes began excavation on the lot prior to the inspection on 3/18/22. A dirt pile was observed along the ROW during the inspection on 3/18/22. However the lots were actively being excavated during the inspection so no maintenance or BMPs will be recommended at this time. E&A inspector will continue to monitor.					
Lot 58 - 59	Individual Lot	Lot 58 - 59	3/18/2022	Active	No	
Current Condition:	Active - Legacy Homes began excavation on the lot prior to the inspection on 3/18/22. A dirt pile was observed along the ROW during the inspection on 3/18/22. However the lots were actively being excavated during the inspection so no maintenance or BMPs will be recommended at this time. E&A inspector will continue to monitor.					
Lot 60 - 61	Individual Lot	Lot 60 - 61	3/18/2022	Active	No	
Current Condition:	ROW during the inspection	n on 3/18/22. However t	ot prior to the inspection on 3, the lots were actively being ex s time. E&A inspector will cor	cavated during the ins	•	
Lot 64 - 65	Individual Lot	Lot 64 - 65	4/14/2022	Active	No	
Current Condition:	the ROW during the insp	pection on 4/14/22. How	ne lot prior to the inspection vever the lots were actively d at this time. E&A inspecto	being excavated dur	ing the inspection so	
Lot 66 - 67	Individual Lot	Lot 66 - 67	4/14/2022	Active	No	
Current Condition:	the ROW during the insp	pection on 4/14/22. Hov	e lot prior to the inspection vever the lots were actively d at this time. E&A inspecto	being excavated dur	ing the inspection so	
Lot 68 - 69	Individual Lot	Lot 68 - 69	12/21/2021	Active	No	
Current Condition:	Good Condition - Legacy	Homes began excavation N prior to the inspection	n on the lot prior to the inspect on 2/8/22. Legacy Homes ins	ction on 12/21/21. Leg	•	
Lot 70 - 71	Individual Lot	Lot 70 - 71	12/28/2021	Active	Yes	

Current Condition:		rior to the inspection on	on the lot prior to the inspect 2/8/22. Legacy Homes install	•		
	Silt fence should be repaired at the front of the lot.					
			22. Not done as of the last in	, 		
Lot 72 - 73	Individual Lot	Lot 72 - 73	12/28/2021	Active	Yes	
Current Condition:		rior to the inspection on ion on 2/22/22.	on the lot prior to the inspect 2/22/22. Legacy Homes insta			
	Legacy Homes was inform	ned to complete by 4/6/2	22. Not done as of the last in			
Lot 74 - 75	Individual Lot	Lot 74 - 75	12/28/2021	Active	No	
Current Condition:	Good Condition - Legacy Homes began excavation on the lot prior to the inspection on 12/28/21. Legacy Homes removed the dirt piles from the ROW prior to the inspection on 2/8/22. Legacy Homes installed silt fence along the northwest corner of the lot prior to the inspection on 3/7/22. Legacy Homes removed the silt fence for utility installation prior to the inspection on 4/14/22. E&A inspector will monitor for reinstallation.					
Lot 76 - 77	Individual Lot	Lot 76 - 77	1/4/2022	Active	No	
Current Condition:	Good Condition - Legacy	Homes began excavation	n on the lot prior to the inspe	ction on 1/4/22. Legac	y Homes removed the	
		ion on 3/7/22. Legacy H	2/22/22. Legacy Homes insta omes removed the silt fenc itor for reinstallation.			
Lot 78 - 79	Individual Lot	Lot 78 - 79	1/27/2022	Active	No	
Current Condition:	dirt piles from the ROW p	rior to the inspection on ion on 3/7/22. Legacy H	on on the lot prior to the inspe- 2/22/22. Legacy Homes insta omes removed the silt fenc- tion for reinstallation	lled silt fence along the	e northwest corner of	
Lot 80 - 81	Individual Lot	Lot 80 - 81	2/1/2022	Active	No	
Current Condition:			n on the lot prior to the inspec			
Curron Condition.	dirt piles from the ROW p	rior to the inspection on ion on 3/7/22. Legacy H	2/22/22. Legacy Homes insta omes removed the silt fenc	lled silt fence along the	e northwest corner of	
Lot 82 - 83	Individual Lot	Lot 82 - 83	2/1/2022	Active	No	
Current Condition:	0 7	•	on on the lot prior to the inspe- 2/22/22. Legacy Homes insta	•		
Lot 84 - 85	Individual Lot	Lot 84 - 85	2/8/2022	Active	No	
Current Condition:	dirt pile from the ROW pri prior to the inspection on	or to the inspection on 3 3/29/22.	on on the lot prior to the inspendence of the inspendence of the installe on the installe of the installe	d silt fence along the r	northern edge of the lot	
Lot 86 - 87	Individual Lot	Lot 86 - 87	2/8/2022	Active	No	
Current Condition:	0 7	or to the inspection on 3	on on the lot prior to the inspe- i/7/22. Legacy Homes installe	•		
Lot 88 - 89	Individual Lot	Lot 88 - 89	2/15/2022	Active	No	
Current Condition:		•	on on the lot prior to the inspe- ng the northeast corner of the	•	•	
Lot 90 - 91	Individual Lot	Lot 90 - 91	2/15/2022	Active	No	
Current Condition:	0 7	•	on on the lot prior to the inspenning the northeast corner of the	•	•	
Lot 92 - 93	Individual Lot	Lot 92 - 93	3/1/2022	Active	No	
Current Condition:		ly excavated no recomm	ot prior to the inspection on 3 nendations will be made at thi			
MS 1	Material Storage	On Site		Removed		
Current Condition:	SAR20200507-5452-GP2	and is not included in the				
PB X Current Condition:	0 ,	•	2/22/2022 Die toilet on site prior to the in. Legacy Homes secured a se	•	0 ,	
SB A	Sediment Basin	O4	10/20/2020	Active	No	
Current Condition:	Good Condition - 45% Fill the baffle installed by JC I 10/20/20 inspection. The	Excavation prior to the 9 E&A inspector painted to outfall during the 3/31/2	y dug out prior to the 6/10/20 /22/20 inspection. JC Excava he cleanout mark on the rise 21 inspection. Damage to the	inspection. The basination finished installed during the 11/4/20 ins	the riser prior to the spection. Minor erosion	
SF 1	Silt fence	S6-X7	5/6/2020	Active	Yes	

Current Condition:		ration installed the silt force					
	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, the inspector will recommend reinstallation when work in the area is complete. 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. 1.) The silt fence should be extended around the disturbance behind the basin until the area is stabilized. 2.) Silt fence needs to be reinstalled where removed for infrastructure work.						
	were reminded on 9/11/20 12/2/21, Legacy Homes w 2.) JC Excavation/Gene G Excavation/Gene Graves	ormed to complete by 8/25 0, 10/9/20, 1/13/21, 3/5/21 was reminded on 2/3/22, 2/ Graves were informed to co were reminded on 3/16/21	, 3/16/21, 4/23/21, 5/20/2 ² (24/22, 3/17/22, 3/31/22, 4 omplete by 3/11/21. Not d I, 4/23/21, 5/20/21, 6/10/2	I, 6/10/21, 7/9/21, 8/19/2 6/7/22 one as of the last inspec	21, 9/16/21, 10/20/21, ction. JC		
SF 2	Legacy Homes was reminded on 2/3/22, 2/24/22, 3/17/22, 3/31/22, 4/7/22 Silt fence D13-D7-J4 5/6/2020 Active No						
Current Condition:	Good Condition - JC Exca section of the silt fence no recommended at this time	avation installed the silt fer orth of EM 4 prior to the installed. E&A inspector will continue is reinstalled the silt fence	nce prior to the 5/6/20 insp spection on 8/9/21. Due to nue to monitor. All silt fend	pection. Hawkins Construction vegetation in the area reading maintenance is being	uction removed a einstallation will not be		
SF 3	Silt fence	CC9-X7	5/6/2020	Active	Yes		
Current Condition:	prior to the 3/31/21 inspect to filter through the silt fer damage was observed to time, the inspector will mount of the silt fence needs to 2.) Erosion outside of the 3.) The silt fence should be 1.) JC was informed to co on 10/9/20, 1/13/21, 3/5/2 2.) JC was informed to co on 9/16/21, 10/20/21, 12/3 3.) JC was informed to co on 12/2/21, 2/10/22, 3/31/	be cleaned out where ful silt fence should be repair be repaired on the east sid complete by 9/16/20. Not do 21, 3/16/21, 4/23/21, 5/20/2 complete by 8/24/21. Not do 2/21, 2/10/22, 3/31/22 complete by 10/26/21. Not do 2/22.	mulated sediment along to mmendation will remain ence run during the 4/15/2. I. ed where silt fence is full. e of the run. one as of the last inspection 21, 6/10/21, 7/9/21, 8/19/2 ne as of the last inspection eas of the last inspection one as of the last inspection one as of the last inspection encountries.	ne silt fence needs to be until proper maintenance inspection, no mainter on. JC Excavation/Gene 1, 9/16/21, 10/20/21, 12 n. JC Excavation/Gene on. JC Excavation/Gene	e removed to allow water e is completed. Minor lance is required at this e Graves were reminded /2/21, 2/10/22, 3/31/22 Graves was reminded e Graves was reminded		
SF 4	Silt fence	Interior Streets	3/21/2022	Active	Yes		
Current Condition:	fence needed to be trench on 3/29/22. Gene Graves	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. Silt fence should be repaired in multiple locations.					
CTD					No		
STR Current Condition:	cleaned the streets prior t	Giles Road of track out. Street cleaning to the inspection on 3/15/2 tion on 3/23/22. Minor sed monitor.	2. Street cleaning is still n	ecessary. Legacy Home	s cleaned all interior		
SWPPP Sign	Misc./Other	Giles Road	7/13/2020	Pendina	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 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.	Pending	Yes		
Current Condition:	Pending - Concrete waste should be Legacy Homes was inform complete on 4/7/22	e removed from the site ar	d a washout should be in:	stalled on site.			
WO 2	Concrete Washout	On Site		Removed			
Current Condition:		uction removed the washo	ut prior to the inspection of				
		,	,				
WS 1 Current Condition:	Waste Storage Removed - Primary civil d lot by lot basis.	On Site development is complete a	s of the 8/2/21 inspection,	Removed the inspector will monit	I or waste storage on a		
Certification Statement:		law, that this document an accordance with a system	n designed to assure that				

Inspector Signature: Broya M Zlaght

Reviewed By: