E & A Consulting Group, Inc. 10909 Mill Valley Road, Suite 100 Omaha, NE 68154-2509 tel 402.895.4700 fax 402.895.3599 www.eacg.com



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

**Engineering Answers** 

		E&A- P2015.7	11.002	Otan-		
nspector: Chase Wickard				Stage		
			ton Storage	2		
Project Name:		CSW-2	201701311			
For Week Ending:		5/26/2018				
Project Location:	12616	12616 N. 156th Street, Bennington, NE (Douglas County)				
		12010 N. 100th Otroot, Bernington, N2 (Boughts County)				
Grading:	100%					
Sanitary Sewer:	100%					
Storm Sewer:	90%					
Paving:	85%					
Seeding:	90%					
Utilities:	80%					
Overall Development:	70%					
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions			
				Week		
Sunday:	0.00"					
Monday	0.74"	5/14/2018	72/59 Tstorm			
Tuesday	0.00"					
Wednesday	0.00"					
Thursday	0.00"					
Friday	0.00"					
Saturday	0.00"					
				Week		
Sunday:	0.18"					
Monday	0.01"					
Tuesday	0.64"	05/22/18	83/60 Tstorm			
Wednesday	0.00"					
Thursday	0.00"					
Friday	0.00"					
Saturday	0.00"					
				Week		
Sunday:	NA					
Monday	NA					
Tuesday	NA					
Wednesday	NA					
Thursday	NA					
Friday	NA					
Saturday	NA					
	The E&A inspector spoke with Douglas County regarding storm water runoff onto 156th St. on site during the inspection on 5/22/18. The inspector informed Steve Vencil of Prairie Construction on site that					
Complaints:				irie Construction on site that		
	measures needed to b	be taken to prevent	tne runoff.			

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?

Entire Site scheduled for grading in the next 2 weeks (4/28/17). Site stripped (5/17/17). Grading was underway (6/05/17). Grading was completed prior to the inspection on 6/30/17. Minor grading to be completed at a later time.

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

Entire Site scheduled for grading in the next 2 weeks (4/28/17). Site stripped (5/17/17). Grading was underway (6/05/17). Grading was completed prior to the inspection on 6/30/17. Minor grading to be completed at a later time.

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

Existing Vegetation (4/28/17). Prairie Construction seeded the site (8/16/17). Prairie Construction installed erosion control matting on the northeast corner of the site (8/16/17). Prairie Construction installed erosion control matting on the south, east, and northern borders of the site BMPs EM1-EM5 (8/21/17). The area north of Building A was seeded and matted (12/13/17). The area North of building C was seeded and matted (1/10/18). The area along the entrance to the old storage units was seeded and matted (2/20/18). The inside slopes of the sediment basin were seeded and matted (4/18/19).

## **SUMMARY QUESTIONS:**

Are approved entrances and adjacent streets being maintained adequately?

No, See BMP Section

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, See BMP Section

## **CHECKLIST QUESTIONS:**

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

Yes

Is dust associated with the construction activity adequately controlled on the site?

lYes

# Comments:

#### Comments:

The site was active during the last inspection.

# Findings / Corrective Actions (Date):

## Findings / Corrective Actions (Date):

- 1.) Some maintenance required in BMP Section.
- 2.) The portable toilets located around the site need to be secured. Prairie Construction was informed to complete by 10/31/17. Not done as of the last inspection. Prairie Construction was reminded on 11/15/17, 12/27/17, 1/17/18, 3/7/18, 3/20/18, 5/4/18, 5/23/18.
- 3.) All exposed soils on the south side need to be fine graded, seeded, and matted. Prairie Construction was informed to complete by 6/5/18

Hariana Nama	<b>T</b>		Projected Install	04-4		
Unique Name	Туре	Location	Date	Status	Maintenance	
CE1	Construction Entrance	N. 156th Street	5/13/2017	Active	Yes	
Current Condition:	Fair Condition 10% ef	fective - Prairie Const	ruction installed an er	ntrance per the SWPP	P prior to the	
	inspection on 5/14/18.					
	Rock needs added to	the existing entrance	or the entrance need	s to be removed.		
		· · · · · · · · · · · · · · · · · · ·	lete by 5/21/18. Not do	one as of the last insp	ection. Prairie	
	Construction was ren	ninded on 5/22/18.				
CE 2	Construction	N. 156th Street		Removed		
OL 2	Entrance	N. 130th Street		Kellioved		
	Lintralioo					
Current Condition:	Removed - Prairie Co	nstruction paved the	entrance prior to the in	nspection on 5/14/18.		
CW 1	Concrete Washout	On Site	8/9/2017	Pending	No	
Current Condition:	_	truction removed the wa	ashout prior to the inspe		paving in the area has	
	stopped, the inspector	will monitor the need for	r re-installment.			
D 1	Diversion	North side of Site		Removed		
Current Condition:		ion has silted in, but	due to heavy vegetation	on is no longer needed	d as of the inspection	
	on 5/22/18.					
		South East site of				
D 2	Diversion	Site		Removed		
Current Condition:	Removed - The diversion has silted in, but due to heavy vegetation is no longer needed as of the inspection					
	on 5/22/18.					
D 3	Diversion	South side of site		Removed		
Current Condition:	Removed - Due to the	storm sewer being in	stalled the diversion i	s no longer needed as	of the inspection on	
	5/22/18.					
D 4	Diversion	North of SB 2		Removed		
Current Condition:			lalled the diversion is no		inspection on 4/18/10	
Current Condition.	Tremoved - Due to the s	storm sewer being insta	anca ale aiversion is no	longer needed as of the	inapection on 4/10/19.	
	Erosion Control					
EC 1	Transition Matting	Outfall of SB 2	3/26/2018	Pending	Yes	

Current Condition:	Pending -					
	The matting needs to be installed.  Prairie Construction was informed to complete by 3/26/18. Not done as of the last inspection. Prairie Construction					
	was reminded on 5/4/18, <b>5/23/18.</b>					
EM 4	Erosion Control	CE some of site	2/26/2049	Danding	Ves	
EM 1 Current Condition:	Matting Pending -	SE corner of site	3/26/2018	Pending	Yes	
	1. The matting needs to be		ed due to significant er	nsion		
	2. The area needs to be backfilled and re-graded due to significant erosion.					
		was informed to comple	ete by 3/26/18. Not done	e as of the last inspection	n. Prairie Construction	
	was reminded on 5/4/18, <b>5/23/18</b> .  2. Prairie Construction was informed to complete by 3/26/18. Not done as of the last inspection. Prairie Cons					
	was reminded on 5/4/1		,	•		
FM 0	Erosion Control	0 11 11 6 11	0/04/0047	A .:	.,	
EM 2 Current Condition:	Matting Good Condition - Prairi	South side of site e Construction installed	8/21/2017 erosion control matting	Active	No on 8/21/17	
	Erosion Control				0 0,2 .,	
EM 3	Matting	SW corner of site	8/21/2017	Active	No	
Current Condition:	Good Condition - Prairi	e Construction installed	erosion control matting	prior to the inspection	on 8/21/17.	
EM 4	Erosion Control	West side of site	8/21/2017	Active	No	
Current Condition:	Matting Good Condition - Prairi	e Construction installed			No on 8/21/17.	
	Erosion Control					
EM 5	Matting	NW corner of site	8/16/2016	Active	No	
Current Condition:		e Construction installed	erosion control matting	prior to the inspection	on 8/21/17.	
EM 6	Erosion Control Matting	North side of site	7/13/2017	Active	No	
Current Condition:		e Construction installed				
	Erosion Control		=/40/004=			
EM 7 Current Condition:	Matting Good Condition - Prairi	North side of site e Construction installed	7/13/2017	Active	No ion on 12/13/17	
				9 p.10. to the mepoor		
EM 8	Erosion Control Matting	East side of site		Removed		
Current Condition:	Removed - EM 8 was improperly placed onto the report. It is not present on the SWPPP.					
IP 1	Inlet Protection	SE corner of buildings	6/30/2017	Active	No	
Current Condition:	Active - Prairie Construction installed the inlet prior to the inspection on 3/17/18. The inlet is currently above grade and no protection is needed.					
IP 2	Inlet Protection	SE corner of buildings	8/5/2017	Active	No	
Current Condition:		iction installed the inlet				
	and no protection is ne	eded.		<u> </u>	-	
IP 3	Inlet Protection	SE corner of buildings	8/5/2017	Active	No	
Current Condition:	Active - Prairie Constru	iction installed the inlet				
15.4	and no protection is ne		0/5/0047			
IP 4 Current Condition:	Inlet Protection Active - Prairie Constru	South of buildings	8/5/2017	Active	No urrently above grade	
Current Condition.	Active - Prairie Construction installed the inlet prior to the inspection on 3/17/18. The inlet is currently above grade and no protection is needed.					
IP 5	Inlet Protection	SW corner of buildings	8/5/2017	Pending	No	
Current Condition:	Pending - To be installe	ed once inlet is construc	ted.	· ·		
IP 6 Current Condition:	Straw Wattle Fair Condition - Prairi	West of CE 1 ie Construction re-inst	5/22/2018 called the wattles prior	Active r to the inspection on	Yes 5/23/18.	
	The wattles need rem	The wattles need removed to let water drain into the inlets.				
	Prairie Construction was informed to complete by 5/29/19.					
IP 7	Straw Wattle	Near CE 1	5/22/2018	Active	Yes	

	Fair Condition - Prai	rie Construction re-inst	alled the wattles prio	r to the inspection on 5	/23/18.
	The wattles need re	moved to let water drain	into the inlets.		
	Prairie Construction was informed to complete by 5/29/19.				
IP 8	Inlet Protection	SE corner of site	8/21/2017	Active	Yes
Current Condition:	Fair Condition -	SE corrier or site	0/21/2017	Active	165
	The inlet needs to be	cleaned out and repaired			
	Prairie Construction was reminded on 5/4/	vas informed to complete	by 3/26/18. Not done a	as of the last inspection. F	Prairie Construction
OF 4		· .	4/20/2047	A ative	Vaa
SF 1 Current Condition:	Silt Fence Fair Condition -	All sides of site	4/28/2017	Active	Yes
current condition.	1. The silt fence on th	e south side of the site ne fence on the western per			and repaired.
	3. The silt fence adjac	ent to the outfall is under	mined and needs back	filled.	
	1 Prairie Construction	n was informed to comple	te by 10/14/17 Not do	ne as of the last inspection	n Prairie
		inded on 11/15/17, 1/10/1	,		
		was informed to comple	te by 3/13/18. Not don	e as of the last inspection	. Prairie Construc
	was reminded on 3/20	0/18, 5/4/18, <b>5/23/18.</b> n was informed to comple	to by 2/21/19. Not don	a as of the last inequation	Proirio Construo
	was reminded on 5/4/		te by 5/5 i/ to. Not don	e as of the fast inspection	i. Prairie Construc
SF 2	Silt Fence	East side of site	4/28/2017	Active	No
Current Condition:		airie Construction remo			
	monitor for effective		he silt fence was pre	viously installed. The ir	spector will
SF 3	Silt Fence	NE corner of site	7/13/2017	Active	No
Current Condition:	Good Condition - Prai	rie Construction installed	the silt fence prior to the	he inspection on 7/13/17.	
SF 4	Silt Fence	East corner of site	7/13/2017	Active	No
Current Condition:		rie Construction installed the silt fence. The debris			
SF 5	Silt Fence	SE corner of site	7/13/2017	Active	No
Current Condition:	Good Condition - Prai	rie Construction installed	the silt fence prior to the	he inspection on 7/13/17.	
SF 6	Silt Fence	SE corner of site	7/13/2017	Active	No
Current Condition:	Good Condition - Prai	rie Construction installed	the silt fence prior to the	he inspection on 7/13/17.	
OD 4	O a dissa sut D a sis	0101	E/E/0047	A -#:	Yes
SB 1 Current Condition:	Sediment Basin	SW corner of the site	5/5/2017	Active	YAS
current continion.	Fair Condition - 2% full- Prairie Construction installed the inlet prior to the inspection on 3/24/18.  1. The cleanout mark needs painted on the riser.  2. Scour Stop matting/ rip rap needs added to the outfall.				
	2. Scour Stop matting	/ rip rap needs added to t	er. he outfall.		8.
	Scour Stop matting     Prairie Construction     was reminded on 5/4/	/ rip rap needs added to to was informed to comple 18, <b>5/23/18.</b>	er. he outfall. te by 3/26/18. Not don	e as of the last inspectior	8. ı. Prairie Construc
	Scour Stop matting     Prairie Construction     was reminded on 5/4/     Prairie Construction	/ rip rap needs added to to mass informed to comple 18, <b>5/23/18</b> . In was informed to comple in was informed to comple	er. he outfall. te by 3/26/18. Not don	e as of the last inspectior	8. ı. Prairie Construc
SB 2	Scour Stop matting     Prairie Construction     was reminded on 5/4/     Prairie Construction     was reminded on 5/4/	/ rip rap needs added to to make informed to comple 18, 5/23/18. In was informed to comple 18, 5/23/18.	er. he outfall. te by 3/26/18. Not don	e as of the last inspectior e as of the last inspectior	8. ı. Prairie Construc
SB 2  Current Condition:	Scour Stop matting     Prairie Construction     was reminded on 5/4/     Prairie Construction     was reminded on 5/4/     Sediment Basin	/ rip rap needs added to to mass informed to comple 18, <b>5/23/18</b> . In was informed to comple in was informed to comple	er. he outfall. te by 3/26/18. Not don te by 3/26/18. Not don	e as of the last inspection e as of the last inspection Removed	8. n. Prairie Construc n. Prairie Construc
	2. Scour Stop matting  1. Prairie Construction was reminded on 5/4/ 2. Prairie Construction was reminded on 5/4/ Sediment Basin  Removed- Due to an	n was informed to complete the state of the	er. he outfall. te by 3/26/18. Not don te by 3/26/18. Not don	e as of the last inspection e as of the last inspection Removed	8. n. Prairie Construc n. Prairie Construc
Current Condition:	2. Scour Stop matting  1. Prairie Construction was reminded on 5/4/ 2. Prairie Construction was reminded on 5/4/ Sediment Basin  Removed- Due to an  Sediment Trap	n was informed to complete the state of the	te by 3/26/18. Not don te by 3/26/18. Not don te by 3/26/18. Not don sin is no longer needed	e as of the last inspection e as of the last inspection Removed d prior to the inspection o	a. Prairie Construc a. Prairie Construc a. Prairie Construc a. 6/30/17.
ST 1 Current Condition:	2. Scour Stop matting  1. Prairie Construction was reminded on 5/4/ 2. Prairie Construction was reminded on 5/4/ Sediment Basin  Removed- Due to an  Sediment Trap  Good Condition - 20%	was informed to comple 18, 5/23/18. was informed to comple 18, 5/23/18. SE corner of the site updated SWPPP this base INE corner of site of filled. Prairie Construction	te by 3/26/18. Not don te by 3/26/18. Not don te by 3/26/18. Not don sin is no longer needed 6/30/2017 on installed the silt trap	e as of the last inspection e as of the last inspection Removed diprior to the inspection o Active prior to the inspection o	n. Prairie Construct n. Prairie Construct n 6/30/17.  No n 6/30/17.
ST 1 Current Condition: ST 2	2. Scour Stop matting 1. Prairie Construction was reminded on 5/4/ 2. Prairie Construction was reminded on 5/4/ Sediment Basin Removed- Due to an  Sediment Trap Good Condition - 20%  Sediment Trap	In was informed to comple 18, 5/23/18.  In was	te by 3/26/18. Not don te by 3/26/18. Not don sin is no longer needed 6/30/2017 on installed the silt trap	e as of the last inspection e as of the last inspection Removed diprior to the inspection o Active p prior to the inspection o Active	n. Prairie Construct n. Prairie Construct n 6/30/17.  No n 6/30/17.  No
ST 1 Current Condition:	2. Scour Stop matting 1. Prairie Construction was reminded on 5/4/ 2. Prairie Construction was reminded on 5/4/ Sediment Basin Removed- Due to an  Sediment Trap Good Condition - 20%  Sediment Trap	was informed to comple 18, 5/23/18. was informed to comple 18, 5/23/18. SE corner of the site updated SWPPP this base INE corner of site of filled. Prairie Construction	te by 3/26/18. Not don te by 3/26/18. Not don sin is no longer needed 6/30/2017 on installed the silt trap	e as of the last inspection e as of the last inspection Removed diprior to the inspection o Active p prior to the inspection o Active	n. Prairie Construct n. Prairie Construct n 6/30/17.  No n 6/30/17.  No
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ST 1 Current Condition: ST 2 Current Condition: ST 3	2. Scour Stop matting 1. Prairie Construction was reminded on 5/4/ 2. Prairie Construction was reminded on 5/4/ Sediment Basin Removed- Due to an Sediment Trap Good Condition - 20% Sediment Trap Good Condition - 20% Sediment Trap	was informed to comple 18, 5/23/18. was informed to comple 18, 5/23/18. SE corner of the site updated SWPPP this base.  NE corner of site of filled. Prairie Construction of site.  SE corner of site.	te by 3/26/18. Not don te by 3/26/18. Not don sin is no longer needed 6/30/2017 on installed the silt trap 6/30/2017 on installed the silt trap	e as of the last inspection e as of the last inspection Removed diprior to the inspection o Active p prior to the inspection o Active p prior to the inspection o Active p prior to the inspection o	8.  Prairie Construct  Prairie Construct  1. Prairie Construct  1. No  1. No  1. 6/30/17.  No  1. No  1. No  1. No  1. No  1. No  1. No  No  1. No

SW 1	Straw Wattle	North of Building C	12/13/2017	Active	Yes		
Current Condition:	Fair Condition -	Fair Condition -					
	The wattles are undermined and need to be repaired.						
	Prairie Construction was informed to complete by 4/25/18. Not done as of the last inspection. Prairie Construction was reminded on 5/4/18, <b>5/23/18</b> .						
SW 2	Straw Wattle	South Side of Building C	5/22/2018	Active	Yes		
Current Condition:	Fair Condition - Prair inspection on 5/22/18	rie Construction install 3.	ed straw wattles adja	cent to the storage bu	ilding prior to the		
	The wattles need repaired.						
	Prairie Construction was informed to complete by 5/29/18.						
STR	Streets	On Site	4/28/2017	Active	Yes		
Current Condition:	tion: Poor Condition -						
	Silt and water was present on 156th St.						
	Prairie Construction was informed to clean the streets by 5/15/18. Not done as of the last inspection.						
SWPPP Sign	SWPPP Sign	N. 156th Street	6/24/2017	Active	No		
Current Condition:	Good Condition - The	inspector installed the S	WPPP sign prior to the	inspection on 9/5/17.			
Inspector Signature:	e auced			Reviewed By:	St Su		