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

Environmental Services D	Dept. Manager			Liigineerii	I All SWEIS		
		E&A- P2	2020.056.003				
Inspector: Alex Brown					Stage		
		Ds Transportat	ion Trucking Termin	al	1		
Project Name:	IA - 39263 - 38898						
For Week Ending:		51501					
Project Location:	Southwest of S 291						
Froject Location.	30utilwest of 3 29	iii Sireet aliu 215t Ave	ilue III Coulicii Biulis, IA (FC	ottawattanne County)			
Grading:	100%	,					
Sanitary Sewer:	100%)					
Storm Sewer:	100%						
Paving:	100%						
Seeding:	100%)					
Utilities:	100%)					
Overall Development:	100%)					
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time			
					Weel		
Sunday	0.00"						
Monday	0.89"						
Tuesday	0.02"	7/5/2022	Partly Cloudy 97/72	3:20 PM			
Wednesday	0.61"						
Thursday	0.03"						
Friday	0.33"						
Saturday	0.04"						
	•	•	•	•			
	None						
Complaints:							
Construction Sequencing	•						
Jonati uction Jequencing	•						

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 on site (6/29/21). Began shaping PCSMP basin (7/20/21). Sanitary installation began on site (8/24/21). Paving on southern part of the site (9/21/21). Storm sewer installation began on site (9/28/21). Grading and sidewalk installation (12/14/21). Grading along the northern perimeter ROW (3/1/22). Grading ceased (3/8/22). Minor excavation for sprinkler system (4/12/22). Fine grading (4/26/22).

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 on site (6/29/21). Began shaping PCSMP basin (7/20/21). Sanitary installation began on site (8/24/21). Paving on southern part of the site (9/21/21). Storm sewer installation began on site (9/28/21). Grading and sidewalk installation (12/14/21). Grading along the northern perimeter ROW (3/1/22). Grading ceased (3/8/22). Minor excavation for sprinkler system (4/12/22). Fine grading (4/26/22).

Existing vegetation (6/29/21). Seeding / matting PCSMP basin (5/10/22). Sodding throughout the site (5/17/22)

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?

Create Corrective Action?

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

Create Corrective Action?

N/A

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

Create Corrective Action?

Are construction entrances and adjacent streets being maintained adequately?

Create Corrective Action?

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

Create Corrective Action?

- Comments:
- 1.) Site is in use as a trucking terminal.
- 2.) Rich Engdahl began shaping the PCSMP basin on the western portion of the site during the inspection on 7/20/21. Rich Engdahl seeded / matted the basin prior to the 5/10/22 inspection.

Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):

- 1.) No maintenance is required in the BMP section.
 2.) Rich Engdahl seeded / matted the basin prior to the 5/10/22 inspection. Rich Engdahl sodded the remainder of the site prior to the 5/17/22 inspection. E&A inspector will continue to monitor for vegetative growth in the PCSMP basin.

Unique Name CE 01	Type	Location	Projected Install Date	Status	Maintenance
	Construction Entrance	J3	1	Removed	
Current Condition:	Removed - Rich Engdahl	paved the entrance prior to	the inspection on 12/21/21.		
CE 02	Construction Entrance	Z7	· .	Removed	
Current Condition:		paved the construction ent	rance prior to the inspection		
CW 01	Concrete Washout	On Site		Removed	
Current Condition:	Removed - Rich Engdahl	removed the concrete was	hout prior to the inspection of	n 3/1/22.	•
D 01	Diversion Check	Z6 to Z8	· · · · · · · · · · · · · · · · · · ·	Removed	
Current Condition:			to the inspection on 8/10/21.		
IP 01	Inlet Protection	F13	8/29/2021	Active	No
Current Condition:	Active - Rich Engdahl insta recommended at this time		nspection on 12/21/21. Due tue to monitor.	o the area being paved,	inlet protection is not
IP 02	Inlet Protection	F3	6/29/2021	Active	No
Current Condition:	Rich Engdahl removed the reinstallation will not be re-	e inlet protection prior to th commended.	venue. Rich Engdahl installed e 6/7/22 inspection. Constru		
IP 03	Inlet Protection	F2	6/29/2021	Active	No
Current Condition:	time. E&A inspector will co	ontinue to monitor.	venue. Due to the location of		nendation is needed
IP 04	Inlet Protection	M4	8/29/2021	Active	No
Current Condition:	Active - Rich Engdahl insta recommended at this time		nspection on 10/26/21. Due tue to monitor.	o the area being paved,	inlet protection is not
IP 05	Inlet Protection	P3	6/29/2021	Active	No
Current Condition:		inlet protection prior to th	venue. Rich Engdahl installer e 6/7/22 inspection. Constru		
IP 06	Inlet Protection	P2	6/29/2021	Active	No
Current Condition:	Active - This is an existing time. E&A inspector will co		venue. Due to the location of	the inlet no BMP recomm	nendation is needed
IP 07	Inlet Protection	Q4	10/5/2021	Active	No
Current Condition:	Active - Rich Engdahl insta recommended at this time		nspection on 10/05/21. Due tue to monitor.	o the area being paved,	inlet protection is not
IP 08	Inlet Protection	U4	10/5/2021	Active	No
Current Condition:	protection prior to the 6/7/2		tection prior to the inspection		
		· 			will not be recomme
IP 09	Inlet Protection	X3	6/29/2021	Active	will not be recomme
Current Condition:	Inlet Protection Active - This is an existing Rich Engdahl removed the reinstallation will not be re-	X3 inlet located off of 21st Ave inlet protection prior to the		Active d inlet protection prior to	will not be recomme No the 3/22/22 inspectio
Current Condition:	Inlet Protection Active - This is an existing Rich Engdahl removed the reinstallation will not be re- Inlet Protection	X3 inlet located off of 21st Average inlet protection prior to the commended. X2	6/29/2021 venue. Rich Engdahl installer e 6/7/22 inspection. Constru	Active d inlet protection prior to ction is complete and the Active	No the 3/22/22 inspection area is sodded, so
IP 10 Current Condition:	Inlet Protection Active - This is an existing Rich Engdahl removed the reinstallation will not be re- Inlet Protection	X3 inlet located off of 21st Average inlet protection prior to the commended. X2 inlet located off of 21st Average in	6/29/2021 venue. Rich Engdahl installed e 6/7/22 inspection. Constru 6/29/2021 venue. Due to the location of	Active d inlet protection prior to ction is complete and the Active	No the 3/22/22 inspection area is sodded, so
IP 10 Current Condition:	Inlet Protection Active - This is an existing Rich Engdahl removed the reinstallation will not be reInlet Protection Active - This is an existing time. E&A inspector will content of the protection	X3 inlet located off of 21st Ave inlet protection prior to the commended. X2 inlet located off of 21st Aventinue to monitor. Y6	6/29/2021 venue. Rich Engdahl installer e 6/7/22 inspection. Construct 6/29/2021 venue. Due to the location of	Active d inlet protection prior to ction is complete and the Active the inlet no BMP recommendation of the complete and the	No the 3/22/22 inspectio area is sodded, so No mendation is needed
IP 10 Current Condition:	Inlet Protection Active - This is an existing Rich Engdahl removed the reinstallation will not be reInlet Protection Active - This is an existing time. E&A inspector will conflet Protection Active - Rich Engdahl insta	X3 inlet located off of 21st Ave inlet protection prior to the commended. X2 inlet located off of 21st Aventinue to monitor. Y6 alled the inlet and inlet pro	6/29/2021 venue. Rich Engdahl installed e 6/7/22 inspection. Constru 6/29/2021 venue. Due to the location of	Active d inlet protection prior to ction is complete and the Active the inlet no BMP recommactive Active n on 10/05/21. Rich Engo	No the 3/22/22 inspectio area is sodded, so No mendation is needed No ahl removed the inlet
IP 10 Current Condition:	Inlet Protection Active - This is an existing Rich Engdahl removed the reinstallation will not be reInlet Protection Active - This is an existing time. E&A inspector will conflet Protection Active - Rich Engdahl insta	X3 inlet located off of 21st Ave inlet protection prior to the commended. X2 inlet located off of 21st Aventinue to monitor. Y6 alled the inlet and inlet pro	6/29/2021 venue. Rich Engdahl installer e 6/7/22 inspection. Construct 6/29/2021 venue. Due to the location of 10/5/2021 tection prior to the inspection	Active d inlet protection prior to ction is complete and the Active the inlet no BMP recommoditive Active n on 10/05/21. Rich Engolesodded, so reinstallation	No the 3/22/22 inspectio area is sodded, so No mendation is needed No ahl removed the inlet
IP 10 Current Condition: IP 11 Current Condition: IP 12 Current Condition:	Inlet Protection Active - This is an existing Rich Engdahl removed the reinstallation will not be reInlet Protection Active - This is an existing time. E&A inspector will conclude Inlet Protection Active - Rich Engdahl instruction prior to the 6/7/2 Inlet Protection Active - Rich Engdahl instruction Active - Rich Engdahl instruction	X3 inlet located off of 21st Average in inlet protection prior to the commended. X2 inlet located off of 21st Average in inlet located off of 21st Average in inlet inlet and inlet pro 22 inspection. Construction Y7 alled the inlet and inlet pro ection on 11/23/21. Due to	6/29/2021 /enue. Rich Engdahl installer e 6/7/22 inspection. Construit 6/29/2021 /enue. Due to the location of 10/5/2021 tection prior to the inspection n is complete and the area is	Active d inlet protection prior to ction is complete and the Active the inlet no BMP recommod Active a on 10/05/21. Rich Engo sodded, so reinstallation Active a on 10/05/21. Rich Engol	No the 3/22/22 inspection area is sodded, so No nendation is needed No ahl removed the inlet will not be recomme
IP 10 Current Condition: IP 11 Current Condition: IP 12 Current Condition: IP 12 Current Condition:	Inlet Protection Active - This is an existing Rich Engdahl removed the reinstallation will not be reinstallation will not protection. Active - This is an existing time. E&A inspector will continue and inlet Protection. Active - Rich Engdahl instaprotection prior to the inspinspector will continue to not linlet Protection.	X3 inlet located off of 21st Average inlet protection prior to the commended. X2 inlet located off of 21st Average inlet located off of 21st Average inlet located off of 21st Average inlet inlet and inlet process in the inlet and	6/29/2021 venue. Rich Engdahl installer e 6/7/22 inspection. Construe 6/29/2021 venue. Due to the location of 10/5/2021 tection prior to the inspection is complete and the area is 10/5/2021 tection prior to the inspection of the area being paved, reins 10/5/2021	Active d inlet protection prior to ction is complete and the Active the inlet no BMP recommendation Active a on 10/05/21. Rich Engoles active a Active Active Active Active	No the 3/22/22 inspection area is sodded, so No mendation is needed No ahl removed the inlet a will not be recomme No ahl removed the inlet and the inlet
IP 10 Current Condition: IP 11 Current Condition: IP 12 Current Condition: IP 12 Current Condition:	Inlet Protection Active - This is an existing Rich Engdahl removed the reinstallation will not be reinstallation will not protection Active - This is an existing time. E&A inspector will conclude in Inlet Protection Active - Rich Engdahl instance in Inlet Protection will continue to not inlet Protection Active - Rich Engdahl instance in Inlet Protection Active - Rich Engdahl instance in Inlet Protection	X3 inlet located off of 21st Average in the protection prior to the commended. X2 inlet located off of 21st Average in the protection prior to the protection protection prior to the prior to the protection prior to the	6/29/2021 venue. Rich Engdahl installer e 6/7/22 inspection. Constru- formulation of the location of the location of the location prior to the inspection is complete and the area is the location prior to the inspection of the area being paved, reins	Active d inlet protection prior to ction is complete and the Active the inlet no BMP recommendation Active a on 10/05/21. Rich Engolated Active	No the 3/22/22 inspectio area is sodded, so No nendation is needed No ahl removed the inlet n will not be recomme No ahl removed the inlet and at this time. E&/
IP 10 Current Condition: IP 11 Current Condition: IP 12 Current Condition: IP 12 Current Condition:	Inlet Protection Active - This is an existing Rich Engdahl removed the reinstallation will not be re Inlet Protection Active - This is an existing time. E&A inspector will continue. The Protection Inlet Protection Active - Rich Engdahl instaprotection prior to the 6/7/2 Inlet Protection Active - Rich Engdahl instaprotection prior to the inspinspector will continue to make the protection Prior to the inspinspector will continue to make the Protection Active - Rich Engdahl instaprotection prior to the inspinspector will continue to make the Protection	X3 inlet located off of 21st Average in the protection prior to the commended. X2 inlet located off of 21st Average in the protection prior to the protection protection prior to the prior to the protection prior to the	6/29/2021 venue. Rich Engdahl installer e 6/7/22 inspection. Construe 6/29/2021 venue. Due to the location of 10/5/2021 tection prior to the inspection is complete and the area is 10/5/2021 tection prior to the inspection of the area being paved, reins 10/5/2021 tection prior to the inspection of the area being paved, reins	Active d inlet protection prior to ction is complete and the Active the inlet no BMP recommendation Active a on 10/05/21. Rich Engolated Active	No the 3/22/22 inspection area is sodded, so No nendation is needed No ahl removed the inlet of the inlet o
IP 10 Current Condition: IP 11 Current Condition: IP 12 Current Condition: IP 12 Current Condition: IP 13 Current Condition:	Inlet Protection Active - This is an existing Rich Engdahl removed the reinstallation will not be re- Inlet Protection Active - This is an existing time. E&A inspector will co- Inlet Protection Active - Rich Engdahl instruction prior to the 6/7/2 Inlet Protection Active - Rich Engdahl instruction prior to the insprotection prior to the inspring protection will continue to in Inlet Protection Active - Rich Engdahl instruction Active - Rich Engdahl instruction	X3 inlet located off of 21st Average inlet protection prior to the commended. X2 inlet located off of 21st Average inlet inlet and inlet provided in the inlet and in	6/29/2021 venue. Rich Engdahl installed e 6/7/22 inspection. Construition of 6/29/2021 venue. Due to the location of 10/5/2021 tection prior to the inspection is complete and the area is 10/5/2021 tection prior to the inspection of the area being paved, reins 10/5/2021 tection prior to the inspection of the area being paved, reins 10/5/2021 tection prior to the inspection of the area being paved, reins 10/5/2021	Active d inlet protection prior to ction is complete and the Active the inlet no BMP recommendation of the inlet no 10/05/21. Rich Engolatellation is not recommendation of the inlet in the inlet no 10/05/21. Rich Engolatellation is not recommendation of the inlet in the inlet	No the 3/22/22 inspection area is sodded, so No mendation is needed No ahl removed the inlet of the inlet o

Current Condition:	Removed - Rich Engdahl removed the portable toilet prior to the 5/17/22 inspection.					
SF 01 - SF 06	Silt Fence	G3 to B15		Removed		
Current Condition:	Removed - The city inspector pre-approved removal of SF 3-6 on 9/23/21. SF 3 and 4 were removed prior to the inspection on 10/05/21. Rich Engdahl removed the remaining section of SF 6 prior to the inspection on 11/30/21. As of 11/30/21, the City has approved silt fence removal in this area for sprinkler installation. Rich Engdahl removed all silt fence prior to the inspection on 12/14/21.					
SF 07 - SF 12	Silt Fence	B16 to P12		Removed		
Current Condition:	<u> </u>	, the City has approved silt 1. Rich Engdahl removed		•	majority of SF 7 - 12 prior 3/8/22.	
SF 13 - SF 17	Silt Fence	S12 to Z5		Removed		
Current Condition:	Removed - As of 11/30/21, the City has approved silt fence removal in this area. Rich Engdahl removed SF 13 and SF 14 prior to the inspection on 12/7/21. Rich Engdahl removed SF 15 - 17 prior to the inspection on 3/8/22.					
SF 18 - SF 22	Silt Fence	Z3 to K3		Removed		
Current Condition:	Removed - Rich Engdahl removed the silt fence posts from SF 18 - 22 prior to the inspection on 12/14/21. Rich Engdahl removed the trenched silt fence fabric prior to the inspection on 3/1/22.					
STR	Streets	On Site	6/29/2021	Active	No	
Current Condition:	Good Condition - Rich Engdahl cleaned up the trackout on 21st Ave. prior to the inspection on 9/7/21. Rich Engdahl cleaned up trackout around CE 1 prior to the inspection on 10/12/21. Rick Engdahl cleaned up trackout around CE 02 prior to the inspection on 11/2/21. Minor sedimentation was observed around CE 1 during the 12/14/21 inspection. Rich Engdahl cleaned up the sediment around CE 1 prior to the 12/28/21 inspection. Rich Engdahl cleaned 21st Avenue prior to the 3/22/22 inspection.					
SWPPP Sign 01	SWPPP Signs	Adjacent to CE 1	8/3/2021	Active	No	
Current Condition:	Good Condition - The E&A inspector installed the SWPPP sign adjacent to CE 01 during the inspection on 8/3/21. The E&A inspector reinstalled the SWPPP sign during the 2/1/22 inspection. Rich Engdahl relocated the SWPPP sign to S 21st Avenue in anticipation of fine grading / sodding prior to the 4/26/22 inspection.					
Certification Statement	accordance with a system Based on my inquiry of the information, the informatio	aw, that this document and designed to assure that que person or persons who m n submitted is, to the best or submitting false information	ialified personnel properly anage the system or those of my knowledge and belie on including the possibility	gathered and evaluated th persons directly responsil f, true, accurate, and com of fines and imprisonment	e information submitted. ole for gathering the plete. I am aware that there	