

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- P2020.056.003**

Inspector: Alex Brown		Stage
Project Name:	<b>5Ds Transportation Trucking Terminal IA - 39263 - 38898</b>	1
For Week Ending:	<b>10/2/2021</b>	<b>51501</b>
Project Location:	Southwest of S 29th Street and 21st Avenue in Council Bluffs, IA (Pottawattamie County)	

Grading:	98%			
Sanitary Sewer:	22%			
Storm Sewer:	<b>10%</b>			
Paving:	<b>20%</b>			
Seeding:	0%			
Utilities:	25%			
Overall Development:	12%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					<b>Week 1</b>
Sunday	0.00"				
Monday	0.00"				
Tuesday	0.00"	9/28/2021	Partly Cloudy 94/56	11:35 AM	
Wednesday	0.01"				
Thursday	1.38"				
Friday	0.02"				
Saturday	0.00"				

Complaints:	None
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**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 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).**

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).**

What temporary or permanent stabilization measures listed in this section are being implemented?  
 Existing vegetation (6/29/21).

**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?  
 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:**


- 1.) Site was active for **paving and storm sewer installation** during the last inspection.
- 2.) Rich Engdahl began shaping the PCSMP basin on the western portion of the site during the inspection on 7/20/21.

**Findings / Corrective Actions (Date):**

**Findings / Corrective Actions (Date):**

- 1.) Some maintenance is required in the BMP section.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 01	Construction Entrance	J3	7/13/2021	Active	No
<b>Current Condition:</b>	Good Condition - 75% Effective - Rich Engdahl installed the construction entrance on site prior to the inspection on 7/13/21.				
CW 01	Concrete Washout	On Site	8/10/2021	Active	No
<b>Current Condition:</b>	Good Condition - Rich Engdahl installed two temporary concrete washouts on site prior to the inspection on 8/10/21. Rich Engdahl cleaned up the concrete waste from around the site and installed a third concrete washout on site prior to the inspection on 9/14/21.				
D 01	Diversion Check	Z6 to Z8		Removed	
<b>Current Condition:</b>	Removed - The diversion check was regraded prior to the inspection on 8/10/21.				
IP 01	Inlet Protection	F13	8/29/2021	Pending	No
<b>Current Condition:</b>	Pending - The inlet filter will be installed once the inlet is installed and the inlet is at or below grade.				
IP 02	Inlet Protection	F3	6/29/2021	Active	No
<b>Current Condition:</b>	Active - This is an existing inlet located off of 21st Avenue. Due to the location of the inlet no BMP recommendation is needed at this time. E&A inspector will continue to monitor.				
IP 03	Inlet Protection	F2	6/29/2021	Active	No
<b>Current Condition:</b>	Active - This is an existing inlet located off of 21st Avenue. Due to the location of the inlet no BMP recommendation is needed at this time. E&A inspector will continue to monitor.				
IP 04	Inlet Protection	M4	8/29/2021	Pending	No
<b>Current Condition:</b>	Pending - The inlet filter will be installed once the inlet is installed and the inlet is at or below grade.				
IP 05	Inlet Protection	P3	6/29/2021	Active	No
<b>Current Condition:</b>	Active - This is an existing inlet located off of 21st Avenue. Due to the location of the inlet no BMP recommendation is needed at this time. E&A inspector will continue to monitor.				
IP 06	Inlet Protection	P2	6/29/2021	Active	No
<b>Current Condition:</b>	Active - This is an existing inlet located off of 21st Avenue. Due to the location of the inlet no BMP recommendation is needed at this time. E&A inspector will continue to monitor.				
IP 07	Inlet Protection	Q4	8/29/2021	Pending	No
<b>Current Condition:</b>	Pending - The inlet filter will be installed once the inlet is installed and the inlet is at or below grade.				
IP 08	Inlet Protection	U4	8/29/2021	Pending	No
<b>Current Condition:</b>	Pending - The inlet filter will be installed once the inlet is installed and the inlet is at or below grade.				
IP 09	Inlet Protection	X3	6/29/2021	Active	No
<b>Current Condition:</b>	Active - This is an existing inlet located off of 21st Avenue. Due to the location of the inlet no BMP recommendation is needed at this time. E&A inspector will continue to monitor.				
IP 10	Inlet Protection	X2	6/29/2021	Active	No
<b>Current Condition:</b>	Active - This is an existing inlet located off of 21st Avenue. Due to the location of the inlet no BMP recommendation is needed at this time. E&A inspector will continue to monitor.				
IP 11	Inlet Protection	Y6	8/29/2021	Pending	No
<b>Current Condition:</b>	Pending - The inlet filter will be installed once the inlet is installed and the inlet is at or below grade.				
IP 12	Inlet Protection	Y7	8/29/2021	Pending	No
<b>Current Condition:</b>	Pending - The inlet filter will be installed once the inlet is installed and the inlet is at or below grade.				
IP 13	Inlet Protection	Y8	8/29/2021	Pending	No
<b>Current Condition:</b>	Pending - The inlet filter will be installed once the inlet is installed and the inlet is at or below grade.				
IP 14	Inlet Protection	Y11	8/29/2021	Pending	No
<b>Current Condition:</b>	Pending - The inlet filter will be installed once the inlet is installed and the inlet is at or below grade.				
PB 01	Portable toilet	On Site	7/6/2021	Active	No
<b>Current Condition:</b>	Good Condition - Rich Engdahl installed/secured a portable toilet adjacent to CE 01 prior to the inspection on 7/6/21.				
SF 01 - SF 06	Silt Fence	G3 to B15	6/29/2021	Active	No
<b>Current Condition:</b>	Good Condition - Rich Engdahl installed SF 01 to SF 06 prior to the inspection on 6/29/21.				
SF 07 - SF 12	Silt Fence	B16 to P12	6/29/2021	Active	Yes
<b>Current Condition:</b>	Fair Condition - Rich Engdahl installed SF 07 to SF 12 prior to the inspection on 6/29/21. Rich Engdahl was observed actively working in the area where SF 12 was damaged during the 9/14/21 inspection. E&A inspector will continue to monitor. Rich Engdahl reinstalled/repared SF 11 where damaged by utility work prior to the inspection on 9/14/21.  SF 12 should be cleaned out where full in multiple locations.  Rich Engdahl was informed to complete by 7/27/21. Not done as of last inspection. Rich Engdahl was reminded on 7/28/21, 8/4/21, 8/10/21, 8/26/21				
SF 13 - SF 17	Silt Fence	S12 to Z5	6/29/2021	Active	Yes
<b>Current Condition:</b>	Fair Condition - Rich Engdahl installed SF 13 to SF 17 prior to the inspection on 6/29/21.  SF 14 should be repaired where damaged just southeast of the building on site.  Rich Engdahl was informed to complete by 8/10/21. Not done as of last inspection. Rich Engdahl was reminded on 8/10/21, 8/26/21				
SF 18 - SF 22	Silt Fence	Z3 to K3	6/29/2021	Active	No
<b>Current Condition:</b>	Good Condition - Rich Engdahl installed SF 18 to SF 22 prior to the inspection on 6/29/21. Rich Engdahl reinstalled/repared the silt fence where damaged by utility work prior to the inspection on 9/14/21.				
STR	Streets	On Site	6/29/2021	Active	Yes

<b>Current Condition:</b>	<p><b>Fair</b> Condition - Rich Engdahl cleaned up the trackout on 21st Ave. prior to the inspection on 9/7/21.</p> <p>Minor trackout around CE 1 should be cleaned.</p> <p>Rich Engdahl was informed to complete by 9/29/21. Rich Engdahl informed inspector that streets are cleaned continuously.</p>				
SWPPP Sign 01	SWPPP Signs	Adjacent to CE 1	8/3/2021	Active	No
<b>Current Condition:</b>	Good Condition - The E&A inspector installed the SWPPP sign adjacent to CE 01 during the inspection on 8/3/21.				
<b>Inspector Signature:</b> 				<b>Reviewed By:</b> 