

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



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Engineering Answers

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

P2024.163.001

Inspector: Ethan Anderson		Stage 1
Project Name:	Acadia Behavioral Health Hospital IA - 43986 - 43583	1
For Week Ending:	11/9/2024	
Project Location:	South 24th St and Richard Downing Ave, Council Bluffs, IA, (Pottawattamie County)	51501

Grading:	40%			
Sanitary Sewer:	0%			
Storm Sewer:	20%			
Paving:	0%			
Seeding:	0%			
Utilities:	1%			
Overall Development:	15%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Inspection Time	Storm Event Times
					Week 1
Sunday:	0.27"				00:00 to 8:52
Monday:	0.51"				15:52 to 23:52
Tuesday:	0.55"	11/5/2024	Scattered Showers 50/37	2:40 PM	00:00 to 10:52
Wednesday:	0.00"				
Thursday:	0.00"				
Friday:	0.00"				
Saturday:	0.06"				

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?
 Grading began (7/9/24). Sediment trap grading and shaping (8/6/24).
 Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days?
 Grading began (7/9/24). Sediment trap grading and shaping (8/6/24).
 What temporary or permanent stabilization measures listed in this section are being implemented?
 Existing Vegetation (7/9/24).

- 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.
 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

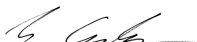
Comments:
 Comments:
 Site was active for grading and building construction during most recent inspection.

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 1	Construction Entrance	S 24th St.	10/1/2024	Active	No
Current Condition:	Good Condition - 95% effective - Graham Construction installed a Construction entrance prior to the inspection on 10/1/24.				
CE 2	Construction Entrance	Richard Downing Ave	7/9/2024	Active	No
Current Condition:	Good Condition - 95% effective - Graham Construction installed a Construction entrance prior to the inspection on 7/9/24.				
IF1 - IF3	Inlet filter	W side of site	8/13/2024	Active	No
Current Condition:	Good Condition - Inlet filters will be installed as necessary. Graham Construction installed inlet 1 prior to the inspection on 9/17/24. Graham Construction installed the inlet filters prior to the inspection on 10/29/24.				
IF4 - IF7	Inlet filter	Center of site	8/13/2024	Pending	No
Current Condition:	Pending - Inlet filters will be installed as necessary.				
IF8 - IF10	Inlet filter	Center of site	8/13/2024	Active	No
Current Condition:	Good Condition - Graham Construction installed inlets 8 and 9 prior to the inspection on 9/17/24. Graham Construction installed inlet protection on the inlets prior to the inspection on 10/22/24.				
IF11 - IF13	Inlet filter	Center of site	8/13/2024	Active	No
Current Condition:	Good Condition - Graham Construction installed inlet protection on the inlets prior to the inspection on 10/22/24.				
IF 14	Inlet filter	East entrance to site	8/13/2024	Pending	No
Current Condition:	Pending - Inlet filter will be installed as necessary.				
IF15	Inlet filter	NW entrance to site	10/22/2024	Active	No
Current Condition:	Good Condition - Graham Construction installed the inlet above grade prior to the inspection on 10/22/24. Graham Construction installed the inlet filter prior to the inspection on 10/29/24.				
MS 1	Material Storage	S 24th St.	7/9/2024	Active	No
Current Condition:	Good Condition - Graham Construction began storing materials on site prior to the inspection on 7/9/24.				
PT X	Portable Toilet	Onsite	8/13/2024	Active	No
Current Condition:	Good Condition - Graham Construction installed and secured portable toilets against the building prior to the inspection on 7/15/24. Graham Construction secured the toilets prior to the inspection on 8/13/24.				
SB A	Temporary Sediment Basin	SE corner of site	7/30/2024	Active	No
Current Condition:	Good Condition - 10% full - Graham Construction installed the sediment basin prior to the inspection on 7/30/24. Graham Construction installed a riser structure prior to the inspection on 10/8/24.				
SF 1	Silt Fence	N side of site	7/9/2024	Active	No
Current Condition:	Good Condition - Graham Construction installed the silt fence prior to the inspection on 7/9/24. Graham Construction repaired the silt fence prior to the inspection on 10/1/24. Graham Construction removed a section of the silt fence to access the corner of the site prior to the inspection on 10/8/24. E&A inspector will monitor.				
SF 2	Silt Fence	W side of site	7/9/2024	Active	No
Current Condition:	Good Condition - Graham Construction installed the silt fence prior to the inspection on 7/9/24. Graham Construction repaired part of the silt fence prior to the inspection on 8/27/24. Graham Construction repaired the silt fence prior to the inspection on 10/8/24.				
SF 3	Silt Fence	S side of site	7/9/2024	Active	No
Current Condition:	Good Condition - Graham Construction installed the silt fence prior to the inspection on 7/9/24. Graham Construction removed a section of the silt fence for utility installation prior to the inspection on 10/29/24. E&A inspector will monitor.				
SF 4	Silt Fence	E side of site	7/9/2024	Active	No
Current Condition:	Good Condition - Graham Construction installed the silt fence prior to the inspection on 7/9/24. Graham Construction repaired part of the silt fence prior to the inspection on 8/27/24.				
SF 5	Silt Fence	E side of site	7/9/2024	Active	Yes
Current Condition:	Fair Condition - Graham Construction installed a section of the silt fence prior to the inspection on 7/9/24. Silt fence should be repaired or removed. Graham Construction was informed to complete by 8/13/24. Not done as of last inspection. Graham Construction was reminded on 9/25/24.				
SF 6	Silt Fence	South of SB A	10/22/2024	Active	No
Current Condition:	Good Condition - Graham Construction installed the silt fence prior to the inspection on 10/22/24.				
STR	Streets	Onsite	7/9/2024	Active	No
Current Condition:	Good Condition - Streets were in good condition during last inspection.				
SWPPP Sign	SWPPP Sign	NW corner of site	9/3/2024	Active	No
Current Condition:	Good Condition - The E&A inspector installed the sign during the 9/3/24 inspection.				
WO 1	Concrete Washout	S 24th St.	10/1/2024	Active	No
Current Condition:	Good Condition - Graham Construction installed a portable washout prior to the inspection on 10/1/24. Graham Construction installed a portable washout prior to the inspection on 10/8/24.				
WS 1	Waste Storage	Onsite	8/13/2024	Pending	No
Current Condition:	Pending - Waste storage will be installed as necessary.				
Certification Statement	"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fines and imprisonment for knowing violations."				

Inspector Signature: 

Reviewed By: 