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E & A CONSULTING GROUP, INC.

Engineering Answers

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

E&A - P2020.235.001

Inspector: Joe Manning		Stage
Project Name:	Tekamah-Herman High School Addition CSW-202004897	2
For Week Ending:	10/9/2021	
Project Location:	112 N 13th Street - Tekamah, NE (Burt County)	68061

Grading:	99%			
Sanitary Sewer:	100%			
Storm Sewer:	95%			
Paving:	100%			
Seeding:	0%			
Utilities:	50%			
Overall Development:	85%			

RAIN FALL AMOUNTS	Amount in inches	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.00"				
Monday	0.00"	9/27/2021	Sunny 90/54	8:15 AM	
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	1.63"	9/30/2021	Cloudy 85/65	6:00 PM	
Friday	0.01"				
Saturday	0.02"				
					Week 2
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 3
Sunday:	N/A				
Monday	N/A				
Tuesday	N/A				
Wednesday	N/A				
Thursday	N/A				
Friday	N/A				
Saturday	N/A				

Complaints:

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?

Major grading complete (12/08/20). Storm sewer work began (12/08/20). Minor grading to be completed at a later date (3/08/21). Fine grading throughout site (8/31/21).

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


Major grading complete (12/08/20). Storm sewer work began (12/08/20). Minor grading to be completed at a later date (3/08/21). Fine grading throughout site (8/31/21).

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

Minor existing perimeter vegetation (12/08/20). **Seeding/matting in the southern half of the site, landscaping in parking lot medians (9/30/21).**

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.																																																																																																					
No																																																																																																					
Create Corrective Action?																																																																																																					
No - See Findings Section.																																																																																																					
Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?																																																																																																					
No																																																																																																					
Create Corrective Action?																																																																																																					
No - See BMP Section (FT and PT).																																																																																																					
Are construction entrances and adjacent streets being maintained adequately?																																																																																																					
No																																																																																																					
Create Corrective Action?																																																																																																					
No - See BMP Section (Str).																																																																																																					
Is dust associated with the construction activity adequately controlled on the site?																																																																																																					
Yes																																																																																																					
Create Corrective Action?																																																																																																					
N/A																																																																																																					
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The site was inactive during the most recent inspection.																																																																																																					
Findings / Corrective Actions (Date):																																																																																																					
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1.) Some maintenance is required in the BMP section.																																																																																																					
2.) The site should be stabilized or straw wattles should be installed along the curb lines throughout the site. Hausmann Construction was informed to complete by 9/20/21. Hausmann Construction seeded and matted the site south of 'M' Street prior to the inspection on 9/30/21.																																																																																																					
<table border="1"> <thead> <tr> <th>Unique Name</th> <th>Type</th> <th>Location</th> <th>Projected Install Date</th> <th>Status</th> <th>Maintenance</th> </tr> </thead> <tbody> <tr> <td>CE 01</td> <td>Construction Entrance</td> <td>K13</td> <td></td> <td>Removed</td> <td></td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Removed - Hausmann paved the construction entrance prior to the inspection on 1/11/21.</td> </tr> <tr> <td>CE 02</td> <td>Construction Entrance</td> <td>M8</td> <td></td> <td>Removed</td> <td></td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Removed - Hausmann Construction paved the construction entrance prior to the inspection on 7/30/21.</td> </tr> <tr> <td>CE 03</td> <td>Construction Entrance</td> <td>H10</td> <td></td> <td>Removed</td> <td></td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Removed - Hausmann Construction paved the construction entrance prior to the inspection on 6/26/21.</td> </tr> <tr> <td>CE 04</td> <td>Construction Entrance</td> <td>H10</td> <td></td> <td>Removed</td> <td></td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Removed - Hausmann Construction fully paved M Street prior to the inspection on 2/09/21.</td> </tr> <tr> <td>CE 05</td> <td>Construction Entrance</td> <td>N4</td> <td></td> <td>Removed</td> <td></td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Removed - Hausmann Construction paved the construction entrance prior to the inspection on 7/30/21.</td> </tr> <tr> <td>CE 06</td> <td>Construction Entrance</td> <td>R13</td> <td></td> <td>Removed</td> <td></td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Removed - Hausmann Construction paved the area near the construction entrance prior to the inspection on 8/13/21.</td> </tr> <tr> <td>FT</td> <td>Fuel Tank</td> <td>On Site</td> <td>12/8/2020</td> <td>Active</td> <td>Yes</td> </tr> <tr> <td>Current Condition:</td> <td colspan="5"> <p>Fair Condition - Hausmann Construction placed a double-walled fuel tank on site prior to the first inspection on 12/08/20. E&A inspector will monitor and recommend additional containment as needed. Hausmann Construction placed one of the diesel tanks in secondary containment and cleaned up spills from the site prior to the inspection on 6/09/21.</p> <p>Secondary containment should be installed around the diesel tank on the western side of the site (at least 110% capacity of the tank).</p> <p>Hausmann Construction was informed to complete by 1/04/21. Not done as of the last inspection. Hausmann Construction was reminded on-site on 1/11/21, 3/09/21, 4/10/21, 4/20/21 (on-site), 5/21/21, 6/10/21, 6/26/21, 8/03/21, 8/13/21, 9/13/21</p> </td> </tr> <tr> <td>IF 01</td> <td>Inlet Protection</td> <td>S14</td> <td>12/8/2020</td> <td>Active</td> <td>Yes</td> </tr> </tbody> </table>						Unique Name	Type	Location	Projected Install Date	Status	Maintenance	CE 01	Construction Entrance	K13		Removed		Current Condition:	Removed - Hausmann paved the construction entrance prior to the inspection on 1/11/21.					CE 02	Construction Entrance	M8		Removed		Current Condition:	Removed - Hausmann Construction paved the construction entrance prior to the inspection on 7/30/21.					CE 03	Construction Entrance	H10		Removed		Current Condition:	Removed - Hausmann Construction paved the construction entrance prior to the inspection on 6/26/21.					CE 04	Construction Entrance	H10		Removed		Current Condition:	Removed - Hausmann Construction fully paved M Street prior to the inspection on 2/09/21.					CE 05	Construction Entrance	N4		Removed		Current Condition:	Removed - Hausmann Construction paved the construction entrance prior to the inspection on 7/30/21.					CE 06	Construction Entrance	R13		Removed		Current Condition:	Removed - Hausmann Construction paved the area near the construction entrance prior to the inspection on 8/13/21.					FT	Fuel Tank	On Site	12/8/2020	Active	Yes	Current Condition:	<p>Fair Condition - Hausmann Construction placed a double-walled fuel tank on site prior to the first inspection on 12/08/20. E&A inspector will monitor and recommend additional containment as needed. Hausmann Construction placed one of the diesel tanks in secondary containment and cleaned up spills from the site prior to the inspection on 6/09/21.</p> <p>Secondary containment should be installed around the diesel tank on the western side of the site (at least 110% capacity of the tank).</p> <p>Hausmann Construction was informed to complete by 1/04/21. Not done as of the last inspection. Hausmann Construction was reminded on-site on 1/11/21, 3/09/21, 4/10/21, 4/20/21 (on-site), 5/21/21, 6/10/21, 6/26/21, 8/03/21, 8/13/21, 9/13/21</p>					IF 01	Inlet Protection	S14	12/8/2020	Active	Yes
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IF 01	Inlet Protection	S14	12/8/2020	Active	Yes																																																																																																

Current Condition:	Fair Condition - Existing curb inlet along Highway 75. Hausmann Construction installed inlet protection prior to the inspection on 4/7/21. E&A inspector repositioned the inlet protection during the inspection on 5/19/21. The inlet protection should be cleaned off. Hausmann Construction was informed to complete by 7/03/21. Not done as of the last inspection. Hausmann Construction was reminded on 8/03/21, 8/13/21, 9/13/21				
IF 02	Inlet Protection	H13	12/8/2020	Active	No
Current Condition:	Good Condition - Hausmann Construction paved the curb inlet along Highway 75 prior to the first inspection on 12/08/20. Hausmann Construction installed inlet protection prior to the inspection on 1/11/21. Hausmann Construction cleaned out the inlet protection prior to the inspection on 3/15/21. Hausmann Construction repositioned the inlet protection prior to the inspection on 5/19/21.				
IF 03	Inlet Protection	H12	6/9/2021	Pending	No
Current Condition:	Pending - The inlet was installed prior to the inspection on 6/09/21. Inlet protection will be recommended when the inlet is at or below grade. E&A inspector will monitor.				
IF 04	Inlet Protection	K11	12/17/2020	Active	No
Current Condition:	Good Condition - Hausmann Construction installed the curb inlet prior to the first inspection on 12/08/20. Hausmann Construction installed inlet protection prior to the inspection on 12/17/20. Hausmann Construction removed the inlet protection due to paving in the area prior to the inspection on 12/28/20. Hausmann Construction reinstalled the inlet protection prior to the inspection on 2/09/21. Hausmann Construction repaired the inlet protection prior to the inspection on 5/19/21.				
IF 05	Inlet Protection	J11	12/17/2020	Active	No
Current Condition:	Good Condition - Hausmann Construction installed the curb inlet prior to the first inspection on 12/08/20. Hausmann Construction installed inlet protection prior to the inspection on 12/17/20. Hausmann Construction removed the inlet protection due to paving in the area prior to the inspection on 12/28/20. Hausmann Construction replaced the inlet protection prior to the inspection on 1/11/21. Hausmann Construction cleaned out the inlet protection prior to the inspection on 5/27/21.				
IF 06	Inlet Protection	H10	6/9/2021	Pending	No
Current Condition:	Pending - The inlet was installed prior to the inspection on 6/09/21. Inlet protection will be recommended when the inlet is at or below grade. E&A inspector will monitor.				
IF 07	Inlet Protection	R8	9/27/2021	Active	No
Current Condition:	Good Condition - Hausmann Construction installed the inlet prior to the inspection on 8/13/21. Hausmann Construction installed inlet protection prior to the inspection on 9/27/21.				
IF 08	Inlet Protection	R7	9/27/2021	Active	No
Current Condition:	Good Condition - Hausmann Construction installed the inlet prior to the inspection on 8/13/21. Hausmann Construction installed inlet protection prior to the inspection on 9/27/21.				
IF 09	Inlet Protection	P7	6/26/2021	Pending	Yes
Current Condition:	Pending - Hausmann Construction installed the inlet prior to the inspection on 6/26/21. Hausmann Construction paved the area surrounding the curb inlet prior to the inspection on 7/30/21. Inlet protection should be installed. Hausmann Construction was informed to complete by 8/20/21. Not done as of the last inspection. Hausmann Construction was reminded on 8/26/21 (on-site), 9/13/21				
IF 10	Inlet Protection	M2	12/8/2020	Active	No
Current Condition:	Good Condition - Hausmann Construction installed inlet protection prior to the first inspection on 12/08/20. Hausmann Construction cleaned out and repositioned the inlet protection prior to the inspection on 5/27/21. Hausmann Construction cleaned out and repositioned the inlet protection prior to the inspection on 9/27/21.				
IF 11	Inlet Protection	N2	12/8/2020	Active	No
Current Condition:	Good Condition - Hausmann Construction installed inlet protection prior to the first inspection on 12/08/20. Hausmann Construction cleaned out and repositioned the inlet protection prior to the inspection on 5/27/21. Hausmann Construction cleaned out and repositioned the inlet protection prior to the inspection on 9/27/21.				
MS 01	Material Storage	On Site	12/8/2020	Pending	No
Current Condition:	Pending - The material storage will be installed as necessary.				
PB	Sanitary Waste Management	On Site	12/8/2020	Active	Yes
Current Condition:	Fair Condition - Hausmann Construction placed and secured three portable toilets on site prior to the first inspection on 12/08/20. Hausmann Construction placed and secured two additional portable toilets prior to the inspection on 12/17/20. Hausmann Construction secured the two portable toilets at the job trailer prior to the inspection on 6/21/21. Hausmann Construction secured four of the five portable toilets on site prior to the inspection on 8/26/21. Hausmann Construction secured one of five portable toilets on site prior to the inspection on 9/27/21. All portable toilets on site should be resecured. Hausmann Construction was informed to complete by 4/16/21. Not done as of the last inspection. Hausmann Construction was reminded on 4/20/21 (on-site), 5/21/21, 6/10/21, 6/26/21, 8/03/21, 8/13/21, 9/13/21				

SF 01	Silt Fence	S12 - R14		Removed	
Current Condition:	Removed - Hausmann Construction removed the silt fence and fine graded the area prior to the inspection on 8/31/21.				
SF 02	Silt Fence	R14 - K14	12/8/2020	Pending	No
Current Condition:	Pending - Due to paving and the grade in the area, silt fence will not be recommended at this time. The E&A inspector will monitor.				
SF 03	Silt Fence	J13 - H14	12/8/2020	Pending	No
Current Condition:	Pending - Due to paving and the grade in the area, silt fence will not be recommended at this time. The E&A inspector will monitor.				
SF 04	Silt Fence	M2 - F13		Removed	
Current Condition:	Removed - Hausmann Construction removed the western check prior to the inspection on 9/27/21. Hausmann Construction seeded and matted the area prior to the inspection on 9/30/21.				
SF 05	Silt Fence	K6 - J10	12/8/2020	Pending	No
Current Condition:	Pending - Due to paving and the grade in the area, silt fence will not be recommended at this time. The E&A inspector will monitor.				
SF 06	Silt Fence	L8 - J13	12/8/2020	Pending	No
Current Condition:	Pending - Due to paving and the grade in the area, silt fence will not be recommended at this time. The E&A inspector will monitor.				
STR	Streets	On Site	12/8/2020	Active	Yes
Current Condition:	Fair Condition - Hausmann Construction cleaned the streets prior to the inspection on 4/20/21. The streets (M Street and Highway 75) should be cleaned. Hausmann Construction was informed to complete by 5/20/21. Not done as of the last inspection. Hausmann Construction was reminded on 6/10/21, 6/26/21, 7/30/21 (on-site), 8/03/21, 8/13/21, 9/13/21				
SWPPP Sign	SWPPP Signs	South of Building	12/17/2020	Pending	Yes
Current Condition:	Pending- The E&A inspector installed the SWPPP sign during the inspection on 12/17/20. Hausmann Construction moved the SWPPP sign prior to the inspection on 2/09/21. Hausmann Construction reinstalled the SWPPP sign prior to the inspection on 2/22/21. Hausmann Construction removed the site fence the SWPPP sign was secured on prior to the inspection on 7/30/21. The SWPPP sign should be reinstalled. Hausmann Construction was informed to complete by 8/06/21 (on-site). Not done as of the last inspection. Hausmann Construction was reminded on 8/03/21, 8/13/21, 9/13/21				
WO 01	Concrete Washout	On Site		Removed	
Current Condition:	Removed - Hausmann Construction removed all concrete waste and the washout from the site prior to the inspection on 9/27/21.				
WS 01	Waste Storage Area	On Site	12/8/2020	Pending	No
Current Condition:	Pending - The waste storage area will be installed as necessary.				
Inspector Signature:			Reviewed By: 