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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:	6/12/2021	
Project Location:	112 N 13th Street - Tekamah, NE (Burt County)	68061

Grading:	98%			
Sanitary Sewer:	0%			
Storm Sewer:	23%			
Paving:	55%			
Seeding:	0%			
Utilities:	20%			
Overall Development:	50%			

RAIN FALL AMOUNTS	Amount in inches	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.00"				
Monday	0.13"				
Tuesday	0.00"				
Wednesday	0.01"				
Thursday	1.01"	5/27/2021	Cloudy 67/49	5:40 PM	
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.19"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 3
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"	6/9/2021	Sunny 95/66	3:35 PM	
Thursday	0.00"				
Friday	0.73"	6/11/2021	Cloudy 83/60	1:25 PM	
Saturday	0.00"				

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).

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).


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

Minor existing perimeter vegetation (12/08/20).

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?					
No					
Create Corrective Action?					
No - See BMP Section (FT and PTs).					
Are construction entrances and adjacent streets being maintained adequately?					
No					
Create Corrective Action?					
No - See BMP Section (CEs and Str)					
Is dust associated with the construction activity adequately controlled on the site?					
Yes					
Create Corrective Action?					
N/A					
Comments:					
The site was active for building construction and storm sewer work during the 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 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	12/8/2020	Active	Yes
Current Condition:	Poor Condition - 45% effective - Hausmann Construction installed the construction entrance prior to the first inspection on 12/08/20. Hausmann Construction added some rock to the entrance prior to the inspection on 4/20/21. Rock should be added to the construction entrance. Hausmann Construction was informed to complete by 3/15/21. Not done as of the last inspection. Hausmann Construction was reminded on 4/10/21, 4/20/21 (on-site), 5/21/21, 6/10/21				
CE 03	Construction Entrance	H10	12/8/2020	Active	Yes
Current Condition:	Fair Condition - 55% effective - Hausmann Construction installed the construction entrance prior to the first inspection on 12/08/20. More rock should be added to the construction entrance. Hausmann Construction was informed to complete by 4/16/21. Not done as of the last inspection. Hausmann Construction was reminded on-site on 4/20/21, 5/21/21, 6/10/21				
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	6/9/2021	Active	Yes
Current Condition:	Poor Condition - 45% effective - Hausmann Construction removed the construction entrance prior to the inspection on 5/10/21. Hausmann Construction began utilizing the construction entrance prior to the inspection on 6/09/21. Rock should be added to the construction entrance. Hausmann Construction was informed to complete by 6/16/21.				
CE 06	Construction Entrance	R13	4/20/2021	Active	No

Current Condition:	Poor Condition - 45% effective - Hausmann Construction installed a construction entrance prior to the inspection on 4/20/21. Hausmann Construction blocked the construction entrance prior to the inspection on 6/09/21. E&A inspector will monitor and make recommendations if the entrance is utilized again.				
FT	Fuel Tank	On Site	12/8/2020	Active	Yes
Current Condition:	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. Secondary containment should be installed around the diesel tank on the western side of the site. 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				
IF 01	Inlet Protection	S14	12/8/2020	Active	No
Current Condition:	Good 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.				
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	12/8/2020	Pending	No
Current Condition:	Pending - Inlet protection will be recommended when the inlet is installed at or below grade. The E&A inspector will monitor.				
IF 08	Inlet Protection	R7	12/8/2020	Pending	No
Current Condition:	Pending - Curb Inlet protection will be recommended when the inlet is installed at or below grade. The E&A inspector will monitor.				
IF 09	Inlet Protection	P7	12/8/2020	Pending	No
Current Condition:	Pending - Inlet protection will be recommended when the inlet is installed at or below grade. The E&A inspector will monitor.				
IF 10	Inlet Protection	M2	12/8/2020	Active	Yes
Current Condition:	Fair 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. The inlet protection should be cleaned out. Hausmann Construction was informed to complete by 6/18/21.				
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.				
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. 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				
SF 01	Silt Fence	S12 - R14	12/17/2020	Active	No
Current Condition:	Good Condition - Hausmann Construction installed the silt fence prior to the inspection on 12/17/20. Hausmann Construction repaired the south portion of the silt fence prior to the inspection on 5/27/21.				
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	12/8/2020	Active	Yes
Current Condition:	Fair Condition - Hausmann Construction installed two sections of the silt fence prior to the first inspection on 12/08/20. Hausmann Construction cleaned out and repaired the silt fence check at the flume on the west side of the site prior to the inspection on 4/20/21. Hausmann Construction cleaned out the silt fence prior to the inspection on 5/19/21. The western check should be cleaned out and repaired. Hausmann Construction was informed to complete by 6/18/21.				
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 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				
SWPPP Sign	SWPPP Signs	South of Building	12/17/2020	Active	No
Current Condition:	Good Condition - 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.				
WO 01	Concrete Washout	On Site	12/8/2020	Active	Yes
Current Condition:	Fair Condition - Hausmann Construction placed a concrete washout on site prior to the first inspection on 12/08/20. Hausmann Construction cleaned up the concrete washout outside of the pit prior to the inspection on 12/17/20. Hausmann Construction placed another concrete washout on site prior to the inspection on 12/28/20. Hausmann Construction cleaned up the concrete waste outside of the pit prior to the inspection on 3/08/21. Some concrete waste was observed outside of the washout pit during the inspection on 3/15/21. Concrete waste outside of the washout pit should be cleaned up. Hausmann Construction was informed to complete by 6/16/21.				
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: 