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

Engineering Answers

		&A - P2019.032.0	<u> </u>		
Inspector: Bryce Wright					Stage
Project Name:		1			
	CSW-202106167				
For Week Ending:	5/4/2024				
Project Location:	North 168th Street and Bennington Road - Bennington, NE (Douglas County)				68007
Grading:	100%				
Sanitary Sewer:	100%				
Storm Sewer:	100%				
Paving:	90%				
Seeding:	40%				
Utilities:	15%				
Overall Development:	30%				
Overall Development.	0070				
·			Weather Conditions	Time	Storm event time
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	Storm event time
RAIN FALL AMOUNTS	Amount in tenths		Weather Conditions	Time	
RAIN FALL AMOUNTS Sunday:			Weather Conditions	Time	
RAIN FALL AMOUNTS Sunday: Monday:	Amount in tenths		Weather Conditions Partly Cloudy 72	Time 1:40 PM	
RAIN FALL AMOUNTS Sunday: Monday: Tuesday:	Amount in tenths 0.00" 0.00"	Date inspected			
RAIN FALL AMOUNTS Sunday: Monday: Tuesday: Wednesday: Thursday:	Amount in tenths 0.00" 0.00" 0.26"	Date inspected			
·	Amount in tenths 0.00" 0.00" 0.26" 0.05"	Date inspected			Storm event time Week

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

Grading Began (11/29/22). Grading ceased (12/20/23). Grading resumed on site (3/14/23). Spreading top soil across entire site (5/16/23). Final grade reached and grading ceased across the entire site (5/23/23). Sanitary sewer installation began (8/29/23). Storm sewer installation began (10/9/23). Paving began (11/14/23). Paving and construction ceased on site (1/2/24). Utility installation began on site (4/2/24).

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 (11/29/22). Grading ceased (12/20/23). Grading resumed on site (3/14/23). Spreading top soil across entire site (5/16/23). Final grade reached and grading ceased across the entire site (5/23/23). Sanitary sewer installation began (8/29/23). Storm sewer installation began (10/9/23). Paving began (11/14/23). Paving and construction ceased on site (1/2/24). Utility installation began on site (4/2/24).

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

Existing Vegetation (11/29/22).

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?

Yes

Create Corrective Action?

N/A

lave 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

aste materials (concrete, construc	tion material, hazardous, etc.) being mar	naged properly?			
•					
e Corrective Action?					
onstruction entrances and adjacen	t streets being maintained adequately?				
e Corrective Action?					
Concente Action:					
at associated with the construction	activity adequately controlled on the sit	te?			
e Corrective Action?					
ments:					
ments:					
site was inactive during the la					
site was inactive during the laings / Corrective Actions (Dings / Corrective Actions (Dome maintenance is required by the lateral bare areas on-site that have	Pate):		opment was informed to com	plete by 11/21/23	. Not done as of t
site was inactive during the la lings / Corrective Actions (Dings / Correction Marketins)	Date): Date): I in the BMP section at this time. be been inactive for 14 days should as reminded on 2/15/24, 3/21/24,	5/2/24			
site was inactive during the latings / Corrective Actions (Dings / Corrective Actions & Construction with the construction with the correction of the correction of the correction with the correction with the correction with the correction of the corr	Date): Date): I in the BMP section at this time. be been inactive for 14 days should yas reminded on 2/15/24, 3/21/24, Type	5/2/24 Location	Opment was informed to com	Status	Not done as of t
site was inactive during the latings / Corrective Actions (Dings / Correction Williams) Unique Name CE 1	Date): Date): I in the BMP section at this time. e been inactive for 14 days should vas reminded on 2/15/24, 3/21/24, Type Construction Entrance	5/2/24 Location X-11	Projected Install Date		
site was inactive during the latings / Corrective Actions (Dings / Correction Actions) Unique Name CE 1 Current Condition:	Date): Date): Date): I in the BMP section at this time. Date been inactive for 14 days should yas reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave	Location X-11 ed all entrances prior to	Projected Install Date the inspection on 12/5/23.	Status Removed	Maintenance
site was inactive during the latings / Corrective Actions (Dings / Corrective Actions & Construction with the correction with the correction of the correction with th	Date): Date): Date): I in the BMP section at this time. De been inactive for 14 days should vas reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion	Location X-11 ed all entrances prior to D-8 to K-8	Projected Install Date the inspection on 12/5/23. 5/23/2023	Status Removed	
site was inactive during the latings / Corrective Actions (Dings / Correction Actions / Construction with the construction w	Date): Date): I in the BMP section at this time. The been inactive for 14 days should year reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion Fair Condition - HRC Develor Diversion should be redefined.	Location X-11 ed all entrances prior to D-8 to K-8 expensed just south of SB E	Projected Install Date the inspection on 12/5/23. 5/23/2023 ersion prior to the inspection of	Status Removed Active on 5/23/23.	Maintenance
site was inactive during the laings / Corrective Actions (Dings / Corrective Actions / Correction &	Date): Date): I in the BMP section at this time. The been inactive for 14 days should year reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion Fair Condition - HRC Develor Diversion should be redefined.	Location X-11 ed all entrances prior to D-8 to K-8 expensed just south of SB E	Projected Install Date the inspection on 12/5/23. 5/23/2023 ersion prior to the inspection of	Status Removed Active on 5/23/23.	Maintenance
site was inactive during the laings / Corrective Actions (Eings / Correction Construction with the construct	Date): Date): Date): I in the BMP section at this time. De been inactive for 14 days should as reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion Fair Condition - HRC Develor HRC Development and Cee Diversion Fair Condition - HRC Develor Fair Condition - HRC Develor Diversion Fair Condition - HRC Develor Fair Condition - HRC Develor	Location X-11 ed all entrances prior to D-8 to K-8 expensed just south of SB Between installed the divergence of SB Between installed t	the inspection on 12/5/23. 5/23/2023 ersion prior to the inspection of 5/23/2023 informed to complete by 5/3/23/2023 ersion prior to the inspection of 5/23/2023	Status Removed Active on 5/23/23. Active con 5/23/23. K2 Co	Maintenance Yes Yes
site was inactive during the laings / Corrective Actions (Dings / Correction Construction with the construct	Date): Date): Date): I in the BMP section at this time. De been inactive for 14 days should as reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion Fair Condition - HRC Develor HRC Development and Cee Diversion Fair Condition - HRC Develor Fair Condition - HRC Develor Diversion Fair Condition - HRC Develor Fair Condition - HRC Develor	Location X-11 ed all entrances prior to D-8 to K-8 expensed just south of SB Between installed the divergence of SB Between installed t	the inspection on 12/5/23. 5/23/2023 ersion prior to the inspection of 3. informed to complete by 5/7 5/23/2023	Status Removed Active on 5/23/23. Active an 5/23/23. K2 Co	Maintenance Yes
site was inactive during the latings / Corrective Actions (Dings / Correction & Construction & Construction & Construction & Construction & Construction & Courrent Condition: D1 Current Condition: D2	Date): Date): In the BMP section at this time. Be been inactive for 14 days should was reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion Fair Condition - HRC Develor HRC Development and Cee Diversion Fair Condition - HRC Develor Been been and Cee Diversion Fair Condition - HRC Develor Been been and Cee Diversion Fair Condition - HRC Develor Been been and Cee Diversion Fair Condition - HRC Develor Been been and Cee Diversion Fair Condition - HRC Develor Been been inactive for 14 days should be redefined and Cee Diversion for 14 days should be redefined and Cee Diversion for 15 days fo	Location X-11 ed all entrances prior to D-8 to K-8 expensed just south of SB Expensed just south of SB Expensed just south of SB Between installed the diverse sanitary sewer installations.	the inspection on 12/5/23. 5/23/2023 ersion prior to the inspection of 5/23/2023 informed to complete by 5/7 5/23/2023 ersion prior to the inspection of 8/23/2023 ersion prior to the inspection on 8/23/2023	Status Removed Active on 5/23/23. Active an 5/23/23. K2 Co	Maintenance Yes
site was inactive during the latings / Corrective Actions (Dings / Correction & Construction & Courrent Condition: D1 Current Condition: D2	Date): Date): Date): I in the BMP section at this time. De been inactive for 14 days should as reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion Fair Condition - HRC Develor HRC Development and Cee Diversion Fair Condition - HRC Develor Fair Condition - HRC Develor Diversion Fair Condition - HRC Develor Fair Condition - HRC Develor	Location X-11 ed all entrances prior to D-8 to K-8 expensed just south of SB Expensed just south of SB Expensed just south of SB Between installed the diverse sanitary sewer installations.	the inspection on 12/5/23. 5/23/2023 ersion prior to the inspection of 5/23/2023 informed to complete by 5/7 5/23/2023 ersion prior to the inspection of 8/23/2023 ersion prior to the inspection on 8/23/2023	Status Removed Active on 5/23/23. Active an 5/23/23. K2 Co	Maintenance Yes Yes
site was inactive during the latings / Corrective Actions (Dings / Correction & Construction & Courrent Condition: D1 Current Condition: D2	Date): Date): In the BMP section at this time. The been inactive for 14 days should as reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion Fair Condition - HRC Develor HRC Development and Cee Diversion Fair Condition - HRC Develor Exercise Sections of the diversion for Diversion should be reinstall	Location X-11 ed all entrances prior to D-8 to K-8 expensed installed the diversed in the diverse of the construction was a part of SB B expensed installed the diverse of the construction was a part of SB B expensed installed the diverse of the construction was a part of SB B expensed installed the diverse of the construction was a part of SB B expensed installed the diverse of the construction was a part of SB B expensed installed the diverse of the construction was a part of the constructi	the inspection on 12/5/23. 5/23/2023 ersion prior to the inspection of 5/23/2023 informed to complete by 5/3 5/23/2023 ersion prior to the inspection of 6 on prior to the inspection on 8 ersion prior to the inspection on 8 ersion prior to the inspection on 8 ersinitary installation.	Status Removed Active on 5/23/23. 7/24. Active on 5/23/23. K2 Co	Yes Yes Tes Tes Tes Tes Tes Tes
site was inactive during the latings / Corrective Actions (Dings / Correction & Construction & Construction & Construction & Construction & Construction & Courrent Condition: D1 Current Condition: D2	Date): Date): Date): I in the BMP section at this time. The been inactive for 14 days should as reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion Fair Condition - HRC Develor HRC Development and Cee Diversion Fair Condition - HRC Development and Cee Sections of the diversion for Diversion should be reinstall K2 Construction was informed.	Location X-11 ed all entrances prior to D-8 to K-8 perment installed the diverse prior to	the inspection on 12/5/23. 5/23/2023 ersion prior to the inspection of 5/23/2023 informed to complete by 5/7 5/23/2023 ersion prior to the inspection of 5/23/2023 ersion prior to the inspection on prior to the inspection of t	Status Removed Active on 5/23/23. 7/24. Active on 5/23/23. K2 Co	Yes Yes Tes Tes Tes Tes Tes Tes
site was inactive during the latings / Corrective Actions (Dings / Correction & Construction & Constructio	Date): Date): Date): In the BMP section at this time. Deben inactive for 14 days should as reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion Fair Condition - HRC Develor Diversion should be redefined the process of the diversion for Diversion should be reinstall K2 Construction was informed reminded on 10/18/23, 11/16	Location X-11 ed all entrances prior to D-8 to K-8 expensed just south of SB Expensed just south	the inspection on 12/5/23. 5/23/2023 ersion prior to the inspection of 5/23/2023 informed to complete by 5/7 5/23/2023 ersion prior to the inspection of 5/23/2023 ersion prior to the inspection on prior to the inspection of t	Status Removed Active on 5/23/23. 7/24. Active on 5/23/23. K2 Co 3/29/23.	Yes Yes Tes Tes Tes Tes Tes Tes
site was inactive during the laings / Corrective Actions (Dings / Corrective Actions (Dome maintenance is required III bare areas on-site that have a spection. K2 Construction with the construction of the c	Date): Date): Date): I in the BMP section at this time. The been inactive for 14 days should as reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion Fair Condition - HRC Develor Diversion should be redefined by the condition of the diversion for Diversion should be reinstall to the condition of the diversion for Diversion should be reinstall to the condition of the diversion for Diversion should be reinstall to the condition of the diversion for Diversion should be reinstall to the condition of the diversion for Diversion should be reinstall to Diversion the diversion to Diversion the diversion to Diversion the Div	Location X-11 ed all entrances prior to D-8 to K-8 perment installed the diverse prior to	the inspection on 12/5/23. 5/23/2023 ersion prior to the inspection of 5/23/2023 informed to complete by 5/7 5/23/2023 ersion prior to the inspection of 5/23/2023 ersion prior to the inspection on prior to the inspection of prior to t	Status Removed Active on 5/23/23. 7/24. Active on 5/23/23. K2 Co 3/29/23.	Yes Yes Tes Tes Tes Tes Tes Tes
ings / Corrective Actions (Dings / Correction & Construction &	Date): Date): Date): I in the BMP section at this time. The been inactive for 14 days should as reminded on 2/15/24, 3/21/24, Type Construction Entrance Removed - Echo Valley pave Diversion Fair Condition - HRC Develor Diversion should be redefined by the condition of the diversion for Diversion should be reinstall to the condition of the diversion for Diversion should be reinstall to the condition of the diversion for Diversion should be reinstall to the condition of the diversion for Diversion should be reinstall to the condition of the diversion for Diversion should be reinstall to Diversion the diversion to Diversion the diversion to Diversion the Div	Location X-11 ed all entrances prior to D-8 to K-8 perment installed the diverse prior to	the inspection on 12/5/23. 5/23/2023 ersion prior to the inspection of 5/23/2023 informed to complete by 5/7 5/23/2023 ersion prior to the inspection of 5/23/2023 ersion prior to the inspection on prior to the inspection of t	Status Removed Active on 5/23/23. 7/24. Active on 5/23/23. K2 Co 3/29/23.	Yes Yes Tes Tes Tes Tes Tes Tes

Carroni Containon.	sections of the diversion for sanitary sewer installation prior to the inspection on 8/29/23.					
	Diversion should be reinstalled where removed for sanitary installation.					
	K2 Construction was informed to complete by 9/19/23. Not done as of the last inspection. K2 Construction was					
	reminded on 10/18/23, 11/16					
D3	Diversion	Southeast of SB A		Removed		
Current Condition:	Removed - Due to paving the diversion is no longer necessary as of the 4/16/24 inspection.					
D4	Diversion	South of SB A	5/23/2023	Active	Yes	
Current Condition:	Fair Condition - HRC Development installed the diversion prior to the inspection on 5/23/23. K2 Construction remo sections of the diversion for sanitary sewer installation prior to the inspection on 8/29/23.					
	Diversion should be reinstalled where removed for sanitary installation. K2 Construction was informed to complete by 9/19/23. Not done as of the last inspection. K2 Construction was reminded on 10/18/23, 11/16/23, 2/15/24, 3/21/24, 5/2/24					
ET 1	Erosion Control Terraces	B-9 to G-10	6/6/2023	Active	No	
Current Condition:	Good Condition - HRC Devel	lopment installed the ero	osion control terrace prior to	the inspection on	6/6/23.	
ET 2	Erosion Control Terraces	B-9 to I-10	6/6/2023	Active	No	
Current Condition:	Good Condition - HRC Devel	opment installed the ero	osion control terrace prior to	the inspection on	6/6/23.	
ET 3	Erosion Control Terraces	B-7 to K-10	6/6/2023	Active	No	
Current Condition:	Good Condition - HRC Development installed the erosion control terrace prior to the inspection on 6/6/23.					
ET 4	Erosion Control Terraces	I-7 to M-10	6/6/2023	Active	No	
Current Condition:	Good Condition - HRC Development installed the erosion control terrace prior to the inspection on 6/6/23.					
ET 5	Erosion Control Terraces	Q-10 to Q-8	6/6/2023	Active	No	
Current Condition:	Good Condition - HRC Development installed the erosion control terrace prior to the inspection on 6/6/23.					
ET 6	Erosion Control Terraces	R-10 to R-7	6/6/2023	Active	No	
Current Condition:	Good Condition - HRC Devel	Good Condition - HRC Development installed the erosion control terrace prior to the inspection on 6/6/23.				
ET 7	Erosion Control Terraces	S-7 to U-10	6/6/2023	Active	No	
Current Condition:	Good Condition - HRC Development installed the erosion control terrace prior to the inspection on 6/6/23.					

FT 1	Fuel Tank	On site	12/6/2022	Active	Yes	
Current Condition:	Fair Condition - Ruff Grading brought a fuel tank on site prior to the inspection on 12/6/22. Ruff Grading removed the fuel tank from site during the inspection on 3/28/23. Ruff Grading installed a fuel tank and secondary containment prior to the inspection on 4/11/23. Ruff Grading moved the fuel tank to the Morgan Ridge subdivision prior to the inspection on 5/2/23. Cedar Construction installed a single walled fuel tank on site prior to the inspection on 4/23/24.					
	A secondary containment berm should be installed around the fuel tank.					
	Cedar Construction was infor was reminded on 5/2/24	med to complete by 4/3	0/24. Not done as of the l	ast inspection. Ce	edar Construction	
MS 1	Material Storage Area	On site	11/4/2022	Active	No	
Current Condition:	Good Condition-Material and					
PB 1 Current Condition:	Portable toilet Pending - Ruff Grading instal	On site	4/11/2023	Pending	No No No	
	secured the portable toilet du subdivision prior to the inspec inspection on 8/29/23. K2 Co Echo Valley installed and sec portable toilet from the site pr	ring the inspection on 4 ction on 5/2/23. K2 Con- nstruction removed the cured a portable toilet or	/18/23. Ruff Grading move struction installed and secu portable toilet from the site a site prior to the inspection	d the portable toilet ured a portable toile prior to the inspec	to the Morgan Ridge t on site prior to the tion on 10/24/23.	
SB A	Sediment Basin	Z-9	11/14/2023	Active	Yes	
Current Condition:	Fair Condition - 20% filled - H	IRC Development bega	n shaping the basin prior to	the inspection on	3/21/23. HRC	
	Development was in the process of installing the riser and outfall pipe during the inspection on 11/7/23. HRC Development installed the riser prior to the inspection on 11/14/23. E&A inspector painted the cleanout mark on the rise during the inspection on 11/28/23. Dewatering holes should be installed in the riser. HRC Development was informed to complete by 11/21/23. Not done as of the last inspection. HRC Development was					
00.0	reminded on 2/15/24, 3/21/24	<u> </u>	0/04/0000	A -45	l N.	
SB B Current Condition:	Sediment Basin Good Condition - 5% filled - F	L-7	3/21/2023	Active	No No	
	Development repaired the erosion on the outer bank of the basin prior to the inspection on 12/12/23. HRC Developm installed the riser prior to the inspection on 2/13/24. E&A inspector painted the cleanout mark during the 2/20/24 inspection.					
SF 1	Silt fence	West edge of site	11/29/2022	Active	No	
Current Condition:	Good Condition - HRC Development installed the silt fence prior to the inspection on 11/29/22. HRC Development cleaned out the silt fence in multiple locations prior to the inspection on 3/6/23. HRC Development installed additiona silt fence checks in multiple high flow areas prior to the inspection on 3/14/23.					
SF 2	Silt fence	West edge of site	11/29/2022	Active	No	
Current Condition:	Good Condition - HRC Development installed the silt fence prior to the inspection on 11/29/22. HRC Development trenched in the silt fence where undermined prior to the inspection on 3/6/23. HRC Development repaired the silt fence prior to the inspection on 3/28/23. HRC Development repaired the entire run of silt fence prior to the inspection on 12/12/23.					
SF 3	Silt fence	East edge of site	3/14/2023	Active	No	
Current Condition:	Good Condition - HRC Devel along the edge of the site near				to the grade silt fen	
WO 1	Concrete Washout	On site	11/21/2023	Pending	No	
Current Condition:	Pending - Echo Valley installed a concrete washout on site prior to the inspection on 11/21/23. Echo Valley installed a second concrete washout pit with liner prior to the inspection on 12/5/23. Echo Valley removed the concrete washouts on site and pile up concrete rubble in preparation for removal prior to the inspection on 12/12/23.					
WS 1	Waste Storage Area	On site	11/4/2022	Pending	No	
Current Condition:	Pending - There is currently r generated or stored on-site; t	he E&A inspector will co		e due to no waste i	materials being	
STR	Streets	Bennington Road, N. 168th Street	11/4/2022	Active	Yes	
Current Condition:	Fair Condition - HRC Development was cleaning all interior and exterior streets during the inspection on 12/19/23. Interior streets should be cleaned.					
000	HRC Development and Ced					
SWPPP Sign	SWPPP Notification Sign	Adjacent to CE 1	11/4/2022	Active	No	

Current Condition:	Good Condition - SWPPP inspector installed the sign during the inspection on 12/20/22.			
Certification Statement:	direction or supervision in acc properly gathered and evaluat persons who manage the sys the information submitted is, t am aware that there are signif	"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:	Breya M Waght		Reviewed By:	