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 Environmental Services Dept. Manager

Engineering Answers

		E&A- P2017.			Stage
Inspector: Avery Dresser					
Project Name:	Prairie Hollow (aka Hidden Hollow per NDEQ NOI) CSW-201802726				2
•			3/2019		68007
For Week Ending:	45041- 04			2	00007
Project Location:	156th Stre	et and Highway 36 (E	Bennington Ne, Douglas (Sounty)	
Grading:	95%				
Sanitary Sewer:	75%				
Storm Sewer:	95%				
Paving:	85%				
Seeding:	0%				
Utilities:	10%				
Overall Development:	35%				
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions		
					Week
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week
Sunday:	0.00"				
Monday	0.00"	11/18/2019	Overcast 61/37		
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week
Sunday:	N/A				
Monday	N/A				
Tuesday	N/A				
Wednesday	N/A				
Thursday	N/A				
Friday	N/A				
Saturday	N/A				
Complaints:	concern about potential enthe risers in SB A. To con	rosion of the creek ban rect the issue, the ema	he City of Bennington on 1 k adjacent to the project d il from JEO was forwarded n 11/04/19 to determine a t	<mark>ue to erosion along the</mark> to Ryan Schwarz (de	e outlet pipe for one of veloper) and Negus &

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?

Entire Site: Grading commenced (11/8/18). Grading temporarily ceased due to winter conditions (3/5/19). Entire site: Grading resumed (4/9/19). Major grading complete, minor grading at a later date (4/23/19). Grading along future location of N. Allen Street (6/17/19). Excavation for storm sewer installation in the southern portion of the site (7/15/19). Minor grading in the southern portion of the site (7/18/19). Excavation for water main installation in the northern portion of the site (11/18/19).

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

Entire Site: Grading commenced (11/8/18). Grading temporarily ceased due to winter conditions (3/5/19). Entire site: Grading resumed (4/9/19). Major grading complete, minor grading at a later date (4/23/19). Grading along future location of N. Allen Street (6/17/19). Excavation for storm sewer installation in the southern portion of the site (7/15/19). Minor grading in the southern portion of the site (7/18/19). Excavation for water main installation in the northern portion of the site (11/18/19).

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

Existing vegetation (11/8/18).

SUMMARY QUESTIONS:

Are approved entrances and adjacent streets being maintained adequately?

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, See BMP Section

CHECKLIST QUESTIONS:

Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?

No, See Findings Section

Is dust associated with the construction activity adequately controlled on the site?

Yes

Comments:

Comments:

Site was active during the last inspection.

Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):

- 1.) Some maintenance is required in the BMP section.
- 2.) The t-posts along the entire run of perimeter silt fence needs to be spaced properly. They are currently too wide. Negus & Son's Construction was informed to complete by 11/29/18. Not done as of the last inspection. Mikhail with Negus & Son's Construction was reminded on-site on 7/15/19. Negus & Son's Construction was reminded on 12/19/18, 1/23/19, 3/16/19, 3/29/19, 4/24/19, 5/20/19, 6/06/19, 6/18/19, 6/24/19, 7/24/19, 8/05/19, 8/27/19, 9/11/19, 9/27/19, 10/04/19, 11/04/19, **11/19/19**
- 3.) A white fuel tank was observed on-site near CE 1 during inspection on 5/20/19. The fuel tank had appropriate secondary containment as of last inspection. E&A inspector will continue to monitor.
- 4.) The portable toilet on site was moved to a location near CE 1 (Y9). The portable toilet should be staked down. Negus & Son's Construction was informed to complete by 8/12/19. Not done as of the last inspection. Negus & Son's Construction was reminded on 8/27/19, 9/11/19, 9/27/19, 10/4/19,
- 5.) An unapproved entrance in the northwest corner of the site was being used to access the site from Highway 36 prior to inspection on 8/26/19. The entrance should be blocked off or rock should be added to prevent trackout. Negus & Son's Construction was informed to complete by 9/02/19. Not done as of the last inspection. Negus & Son's Construction was reminded on 9/27/19, 10/04/19, 11/04/19, 11/19/19
- 6.) A second portable toilet was installed near location BB13 prior to inspection on 9/19/19. The portable toilet should be installed. Negus & Son's Construction was informed to complete by 9/26/19. Not done as of the last inspection. Negus & Son's Construction was reminded on 9/27/19, 10/04/19, 11/04/19. The second portable toilet was removed from the site prior to the inspection on 11/18/19.

		Ι			I	
Unique Name	Туре	Location	Projected Install Date	Status	Maintenance	
	Stabilized Construction					
CE 1	Entrance	N Molley Street (EE11)		Removed		
Current Condition:	Removed - The former construction entrance was paved prior to the inspection on 11/04/19.					
	Stabilized Construction					
CE 2	Entrance	N 2nd Street (B24)		Removed		
Current Condition:	Removed - The former construction entrance was paved prior to the inspection on 11/04/19.					
CW 1	Concrete Washout	Site	11/15/2018	Pending	No	
Current Condition:	Pending - A concrete washout containter was not observed on-site during the inspection on 11/04/19, however no washout waste was observed and paving is close to complete. The paving contractor (Roloff) may be actively removing washout waste. The E&A inspector will continue to monitor.					
D1	Temporary Diversion Ditch	(Z17-II17)	11/15/2018	Pending	Yes	
	The diversion needs to be installed. Negus & Son's Construction was informed to complete by 12/25/18. Not done as of the last inspection. Mikhail with Negus & Son's Construction was reminded on-site on 7/15/19. Negus & Son's Construction was reminded on 3/16/19, 3/29/19, 4/24/19, 5/20/19, 6/06/19, 6/18/19, 6/24/19, 7/24/19, 8/05/19, 8/27/19, 9/11/19, 9/27/19, 10/04/19, 11/04/19, 11/19/19					
D2	Temporary Diversion Ditch	(F25-P21)	11/15/2018	Pending	Yes	
Current Condition:	Pending - The diversion needs to be installed. Negus & Son's Construction was informed to complete by 12/25/18. Not done as of the last inspection. Mikhail with Negus & Son's Construction was reminded on-site on 7/15/19. Negus & Son's Construction was reminded on 3/16/19, 3/29/19, 4/24/19, 5/20/19, 6/06/19, 6/18/19, 6/24/19, 7/24/19, 8/05/19, 8/27/19, 9/11/19, 9/27/19, 10/04/19, 11/04/19, 11/19/19					
D3	Temporary Diversion Ditch	(P21-R20)	11/15/2018	Pending	Yes	

Current Condition:	Pending - The diversion needs to be installed. Negus & Son's Construction was informed to complete by 12/25/18. Not done as of the last inspection. Mikhail with Negus & Son's Construction was reminded on-site on 7/15/19. Negus & Son's Construction was reminded on 3/16/19, 3/29/19, 4/24/19, 5/20/19, 6/06/19, 6/18/19, 6/24/19, 7/24/19, 8/05/19, 8/27/19, 9/11/19, 9/27/19, 10/04/19, 11/04/19, 11/19/19						
	Temporary Diversion						
D4 Current Condition:	Ditch	(B26-D26)	11/15/2018	Pending	Yes		
Current Condition.	Pending - The diversion needs to be installed. Negus & Son's Construction was informed to complete by 12/25/18. Not done as of the last inspection. Mikhail with Ne & Son's Construction was reminded on-site on 7/15/19. Negus & Son's Construction was reminded on 3/16/19, 3/29/19						
	4/24/19, 5/20/19, 6/06/19,		9, 8/05/19, 8/27/19, 9/11/19	9, 9/27/19, 10/04/19,	11/04/19, 11/19/19		
EM 1	Erosion Control Matting	(C22-DD11)	11/15/2018	Pending	No		
Current Condition:	Pending - The matting wi						
IF 1 Current Condition:	Inlet Filter	HH14	9/9/2019 ed a silt fence wrap aroun	Active	Yes		
	Cleaned out around the The damaged silt-fence Negus & Son's Construc	wrap should be remove	ed, and a new silt fence v				
IF 2 Current Condition:	Inlet Filter Fair Condition - Negus & 9/10/19. The area around cleaned out around the	the inlet filled in further w		on 9/19/19. Negus &	Son's Construction		
	Fair Condition - Negus & 9/10/19. The area around cleaned out around the	Son's Construction install the inlet filled in further winlet and removed the swrap should be removed.	ed a silt fence wrap aroun vith silt prior to inspection o ilt fence wrap prior to th od, and a new silt fence v	d the storm sewer inlorn 9/19/19. Negus & e inspection on 11/	et prior to inspection on Son's Construction 18/19.		
Current Condition:	Fair Condition - Negus & 9/10/19. The area around cleaned out around the The damaged silt-fence Negus & Son's Construction	Son's Construction install the inlet filled in further winlet and removed the swrap should be removed to cotion was informed to co	ed a silt fence wrap around ith silt prior to inspection of ilt fence wrap prior to the day, and a new silt fence womplete by 11/25/19.	d the storm sewer inlon 9/19/19. Negus & e inspection on 11/	et prior to inspection on Son's Construction 18/19. alled around the inlet.		
	Fair Condition - Negus & 9/10/19. The area around cleaned out around the The damaged silt-fence Negus & Son's Construct Sediment Basin Fair Condition - 56% filler	Son's Construction install the inlet filled in further winlet and removed the swrap should be removed to continuous informed to continuous information in information i	ed a silt fence wrap aroun with silt prior to inspection of ilt fence wrap prior to the ed, and a new silt fence womplete by 11/25/19. 11/15/2018 uction partially installed the	d the storm sewer inlon 9/19/19. Negus & e inspection on 11/4 vrap should be insta	et prior to inspection on Son's Construction 18/19. alled around the inlet. Yes ior to inspection on		
Current Condition:	Fair Condition - Negus & 9/10/19. The area around cleaned out around the The damaged silt-fence Negus & Son's Construct Sediment Basin Fair Condition - 56% filler 9/19/19. The E&A inspect work is completed. 1. The Preformed Scour I the general recommendat dates still apply). 2. Dirt should be backfiller to complete installation of 3. The sediment basin should be sediment by sediment by sediment basin should be sediment by	Son's Construction install the inlet filled in further winlet and removed the simplet and removed to construct a simplet and s	ed a silt fence wrap aroundith silt prior to inspection of ilt fence wrap prior to the id, and a new silt fence womplete by 11/25/19. 11/15/2018 11/15/2018 uction partially installed the interior of the basin per the SW are outlet pipe (previously in previous complete-by all previous complete-by all previous complete by 12/25/18. Not do no 7/15/19. Negus & Son' 10/23/19. Not done as complete by 12/25/18. Not do no 7/15/19. Negus & Son' 10/23/19. Not done as complete by 12/25/18. Not do no 7/15/19. Negus & Son' 10/23/19. Not done as complete by 12/25/18. Not don 7/15/19. Negus & Son' 10/23/19. Not done as complete by 12/25/18. Not done as complete by 12/25/19. Not done as complete by 12/25/19. Not done as complete by 12/25/19. Not done as complete.	Pending e riser in the basin propasin have been corrected and reminder dates stimulated as of the last inspection was ready, 9/11/19, 9/27/19, 10 of the last inspection.	et prior to inspection on Son's Construction 18/19. alled around the inlet. Yes ior to inspection on ectly installed when viously included under ete-by and reminder neral recommendation II apply). pection. Mikhail with eminded on 3/16/19, 0/04/19. Ryan Schwarz pection. Mikhail with eminded on 3/16/19, 0/04/19. Ryan Schwarz		

	Pending - Negus and Son's Construction installed one of the riser pipes prior to inspection on 9/19/19. The E&A inspector will monitor and determine if all elements of the basin have been correctly installed when work is completed. Negus & Son's Construction installed the second riser in the basin prior to the inspection on 10/02/19. Rip rap still needs to be installed below both outfalls, and open area around the original riser pipe needs to be backfilled and compacted along the length of the pipe. 1. The Preformed Scour Holes should be installed at the outfall to both risers per the SWPPP (previously included under the general recommendation to complete installation of the basin per the SWPPP; previous complete-by and reminder dates still apply). 2. The sediment basin should be cleaned out.					
t c						
 	Negus & Son's Constru 3/29/19, 4/24/19, 5/20/1 (The Developer) was in	ction was reminded on-si 9, 6/06/19, 6/18/19, 6/24/ formed to complete ASAI	complete by 12/25/18. No te on 7/15/19. Negus & S 19, 7/24/19, 8/05/19, 8/27 on 10/23/19. Not done a to complete by 10/29/19.	on's Construction was rev 7/19, 9/11/19, 9/27/19, 10/ is of the last inspection.	ninded on 3/16/19, /04/19. Ryan Schwarz	
SF 1	Silt fence	(A25-II18)	11/8/2018	Active	Yes	
f3 t 4 ii s 1234 5 6 7 1	Fair Condition - Negus & Son's Construction installed the silt fence prior to the inspection on 11/8/18. Negus ins fence in the two areas that were missing and repaired the silt fence where it was damaged prior to the inspectio 3/26/19. Negus & Son's Construction installed a new run of silt fence in the gap south of the future location of S to inspection on 8/26/19. The silt fence was further damaged and filled in due to grading around the future location A prior to inspection on 9/10/19. The new run of silt fence south of the future location of SB B was filled in due to in the area prior to inspection on 9/10/19. The new run of silt fence that needed to be properly trenched-in was be silt prior to inspection on 9/19/19, and therefore should be cleaned out / repaired (see #7). 1.) The north end of the silt fence should be trenched in. 2.) The old run of silt fence should be standing silt fence should be removed. 3.) The silt fence should be cleaned out at the north end of SB B. 4.) The silt fence near the future location of SB A should be cleaned out and repaired/reinstalled. 5.) The silt fence should be repaired/reinstalled east of the future location of SB B. 6.) The silt fence should be repaired where driven-over near the far north end of the run. 7.) The new run of silt fence south of the future location of SB B should be cleaned out / repaired. 1.) Negus & Son's Construction was informed to complete by 4/2/19. Not done as of the last inspection. Mikhail Negus & Son's Construction was reminded on-site on 7/15/19. Negus & Son's Construction was reminded on 4/5/20/19, 6/06/19, 6/18/19, 6/24/19, 7/24/19, 8/05/19, 8/27/19, 9/11/19, 9/27/19, 10/04/19, 11/04/19, 11/19/19 2.) Negus & Son's Construction was informed to complete by 4/2/19. Not done as of the last inspection. Mikhail Negus & Son's Construction was reminded on-site on 7/15/19. Negus & Son's Construction was reminded on 4/5/20/19, 6/06/19, 6/18/19, 6/24/19, 7/24/19, 8/05/19, 8/27/19, 9/11/19, 9/27/19, 10/04/19, 11/04/19, 11/19/19 3.) Negus & Son's Co					
<mark>(</mark> 7	 6.) Negus & Son's Construction was informed to complete by 9/02/19. Not done as of the last inspection. Negus & Son's Construction was reminded on 9/11/19, 9/27/19, 10/04/19, 11/04/19, 11/19/19 7.) Negus & Son's Construction was informed to complete by 9/17/19. Not done as of the last inspection. Negus & Son's Construction was reminded on 9/27/19, 10/04/19, 11/04/19, 11/19/19 					
SF 2	Silt fence	II18	11/29/2018	Pending	Yes	
ר א 8 3 1	Negus & Son's Constru & Son's Construction wa 3/16/19, 3/29/19, 4/24/1 11/04/19, 11/19/19	as reminded on-site on 7, 9, 5/20/19, 6/06/19, 6/18,	nplete by 11/29/18. Not di 15/19. Negus & Son's Co 19, 6/24/19, 7/24/19, 8/05	nstruction was reminded 5/19, 8/27/19, 9/11/19, 9/2	on 12/19/18, 1/23/19, 27/19, 10/04/19,	
SF 3	Silt fence	II17	11/29/2018	Pending	Yes	
ר א 8 3	Negus & Son's Constru & Son's Construction wa 3/16/19, 3/29/19, 4/24/1	as reminded on-site on 7	adjacent waterway. nplete by 11/29/18. Not d 15/19. Negus & Son's Co 19, 6/24/19, 7/24/19, 8/05	nstruction was reminded	on 12/19/18, 1/23/19,	
SF 4	11/04/19 , 11/19/19 Silt fence	(DD1-DD14)	11/8/2018	Active	Yes	

Current Condition:	Fair Condition - Negus & Son's Construction installed the silt fence prior to the inspection on 11/8/18.					
	The silt fence needs removed.					
	Negus & Son's Construction will be informed to complete when winter conditions allow as of the inspection on 2/19/19.					
	Not done as of the last inspection. Mikhail with Negus & Son's Construction was reminded on-site on 7/15/19. Negus & Son's Construction was reminded on 3/16/19, 3/29/19, 4/24/19, 5/20/19, 6/06/19, 6/18/19, 6/24/19, 7/24/19, 8/05/19, 8/27/19, 9/11/19, 9/27/19, 10/04/19, 11/04/19, 11/19/19					
STR	Streets	Site	11/8/2018	Active	No	
Current Condition:	Good Condition - Negus & Son's Construction cleaned up the trackout on the adjacent streets p 8/05/19.					
		At CE1, end N. Molley				
SWPPP Sign	Misc/Other	St.	12/17/2018	Active	No	
Current Condition:	Good Condition- The inspector installed the sign during the inspection on 12/17/18.					
Inspector Signature:	A Sm			Reviewed By:	Get Sur	