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**E & A CONSULTING GROUP, INC.**

*Engineering Answers*

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

**E&A - P2018.228.001**  
**Bill SID as of 2/17/22 P2018.228.000**

Inspector: Jason Brackett		Stage
Project Name:	<b>Seventy Two Place</b> <b>PAP-20200624-5346-GP1</b> <b>CSW-202004796</b>	1
For Week Ending:	<b>4/2/2022</b>	
Project Location:	12101 S 72nd St, Papillion, Sarpy County, NE	<b>68046</b>

Grading:	70%			
Sanitary Sewer:	40%			
Storm Sewer:	15%			
Paving:	0%			
Seeding:	0%			
Utilities:	0%			
Overall Development:	22%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					<b>Week 1</b>
Sunday:	0.00"				
Monday:	0.00"				
Tuesday:	0.00"				
Wednesday:	0.00"				
Thursday:	0.04"				
Friday:	0.00"	4/1/2022	Partly Cloudy 60/36	8:40 AM	
Saturday:	0.00"				

**Complaints:** None.

**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?**

Rough grading began (6/15/21). Excavation for sanitary installation (9/28/21). Grading ceased due to winter conditions (1/5/22). Excavation for utility connections along 72nd (2/8/22).

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

Rough grading began (6/15/21). Excavation for sanitary installation (9/28/21). Grading ceased due to winter conditions (1/5/22). Excavation for utility connections along 72nd (2/8/22).

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

Existing vegetation (6/15/21).

**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?**

No

**Create Corrective Action?**

No, see Findings 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.**

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 BMPs section.

**Are construction entrances and adjacent streets being maintained adequately?**

Yes


**Create Corrective Action?**

N/A

<b>Is dust associated with the construction activity adequately controlled on the site?</b>					
Yes					
<b>Create Corrective Action?</b>					
N/A					
<b>Comments:</b>					
<b>Comments:</b> The site was <b>active for storm sewer, water, and SWPPP maintenance</b> during the most recent inspection.					
<b>Findings / Corrective Actions (Date):</b>					
<b>Findings / Corrective Actions (Date):</b> 1) Some maintenance is required in the BMP section of this report. 2) Sediment that has washed out beyond the property boundary at X16 and at the Ponderosa Drive culvert needs to be cleaned up and the upgradient area needs to be stabilized. DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22. 3) Off-site accumulation of sediment along the northeast side of the site should be cleaned up and the area restabilized (unless the area will be farmed). Gene Graves was informed to complete by 2/15/22. Not done as of the last inspection. Gene Graves was reminded on 3/24/22. <b>4) CIR 16360 was received, reviewed, and forwarded to Gene Graves on 3/31/22. CIR is consistent with E&amp;A inspector's report.</b>					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	Schram Road	7/8/2021	Active	No
Current Condition:	<b>Good Condition - 99% Effective - An old farm entrance is in use on site as of the 7/8/21 inspection. DEJ added rock to the entrance prior to the 1/13/22 inspection. Sudbeck reinstalled the entrance prior to the 4/1/22 inspection.</b>				
D 1	Diversion	E of SB C	11/12/2021	Active	Yes
Current Condition:	Fair Condition - DEJ installed the diversion prior to the 11/12/21 inspection.  The diversion should be cleaned out/redefined.  DEJ/Gene Graves were informed to complete by 12/8/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 2/11/22, 3/24/22.				
D 2	Diversion	S of SB D	5/31/2021	Pending	Yes
Current Condition:	Pending -  1.) The diversion should be installed with SB D. 2.) Additional diversions should be built in the area with SB D to divert the water along the contours to the basin.  1.) DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22. 2.) DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22.				
D 3	Diversion	N of SB D	5/31/2021	Pending	Yes
Current Condition:	Pending -  The diversion should be installed with SB D.  DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22.				
D 4	Diversion	E and SB B	9/7/2021	Pending	Yes
Current Condition:	Pending -  The diversion should be installed with SB B.  DEJ was informed to complete by 9/7/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 10/15/21, 10/21/21, 10/29/21, 12/2/21, 2/11/22, 3/24/22.				
D 5	Diversion	Northwest Perimeter	5/31/2021	Pending	No
Current Condition:	Pending - The diversion will be installed during grading.				
D 6	Diversion	Western Perimeter	1/18/2022	Active	No
Current Condition:	Good Condition - A portion of the diversion appears to have been installed in the northwest corner of the site prior to the 1/18/22 inspection.				
ET 1	Erosion Control Terrace	N of SB D	5/31/2021	Pending	Yes
Current Condition:	Pending -  The terrace should be installed when the area reaches final grade.  DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22.				
ET 2	Erosion Control Terrace	N of SB E	5/31/2021	Pending	Yes
Current Condition:	Pending -  The terrace should be installed when the area reaches final grade.  DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22.				

ET 3	Erosion Control Terrace	N of SB B	5/31/2021	Pending	Yes
Current Condition:	<p>Pending -</p> <p>The terrace should be installed.</p> <p>DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22.</p>				
ET 4	Erosion Control Terrace	East Central	5/31/2021	Pending	Yes
Current Condition:	<p>Pending -</p> <p>The terrace should be installed.</p> <p>DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22.</p>				
EM 1	Erosion Control Matting	Northwest Side	5/31/2021	Pending	No
Current Condition:	<p>Pending - The erosion control matting will be installed within the seeding window when the associated area reaches final grade.</p>				
EM 2	Erosion Control Matting	North-Central	5/31/2021	Pending	No
Current Condition:	<p>Pending - The erosion control matting will be installed within the seeding window when the associated area reaches final grade.</p>				
EM 3	Erosion Control Matting	Northeast Side	5/31/2021	Pending	Yes
Current Condition:	<p>Pending -</p> <p>The slope should be stabilized ASAP when work allows.</p> <p>Gene Graves/DEJ were informed on 2/11/22. Not done as of the last inspection. Gene Graves was reminded on 3/24/22.</p>				
EM 4	Erosion Control Matting	Southwest Corner	5/31/2021	Pending	No
Current Condition:	<p>Pending - The erosion control matting will be installed within the seeding window when the associated area reaches final grade.</p>				
EM 5	Erosion Control Matting	West Side	5/31/2021	Pending	No
Current Condition:	<p>Pending - The erosion control matting will be installed within the seeding window when the associated area reaches final grade.</p>				
FT 1	Fuel Tank	SW Corner	5/18/2021	Active	Yes
Current Condition:	<p>Fair Condition - DEJ installed a fuel tank on-site prior to the 5/18/21 inspection. DEJ installed a berm around the tank prior to the 9/7/21 inspection.</p> <p>1.) The berm needs to be rebuilt on the south side of the fuel tank. 2.) The stained soils and pallet need to be cleaned up and removed.</p> <p>1.) DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22. 2.) DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22.</p>				
FT 2	Fuel Tank	Material Storage Area	10/6/2021	Active	No
Current Condition:	<p>Good Condition - TAB installed a fuel tank on site prior to the 10/6/21 inspection. TAB installed the plug in the secondary containment prior to the 2/16/22 inspection.</p>				
FT 3	Fuel Tank	Material Storage Area	12/21/2021	Active	No
Current Condition:	<p>Good Condition - RPL installed a double walled fuel tank on site prior to the 12/21/21 inspection.</p>				
MS 1	Material Storage	On Site	9/14/2021	Active	No
Current Condition:	<p>Good Condition - Material storage is primarily located along the west side of the site as of the 9/14/21 inspection. DEJ cleaned up the stained soils prior to the 9/28/21 inspection.</p>				
PB X	Portable Bathroom	On Site	8/18/2021	Active	Yes
Current Condition:	<p>Fair Condition - DEJ installed a portable bathroom on site prior to the 8/18/21 inspection. DEJ installed and staked down an additional portable toilet prior to the 9/28/21 inspection, one of the toilets still needs to be secured. DEJ removed one of the portable toilets prior to the 10/26/21 inspection. DEJ stood up and secured the portable toilet prior to the 11/17/21 inspection. RPL installed an additional portable toilet on site prior to the 12/21/21 inspection. RPL stood up and secured the portable toilet prior to the 12/21/21 inspection. DEJ removed one of the portable toilets prior to the 1/13/22 inspection. RPL stood up and resecured the portable toilet prior to the 3/2/22 inspection. <b>RPL stood up the portable toilet prior to the 4/1/22 inspection, the portable toilet still needs to be secured.</b></p> <p>The RPL toilet needs to be resecured.</p> <p>The E&amp;A Construction Observer was informed on 3/24/22. <b>Not done as of the last inspection.</b></p>				
SB A	Sediment Basin	X24	9/7/2021	Pending	Yes
Current Condition:	<p>Pending - The basin was partially dug out prior to the 12/1/21 inspection.</p> <p>The basin should be installed.</p> <p>DEJ was informed to complete by 9/7/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 10/15/21, 10/21/21, 10/29/21, 12/2/21, 2/11/22, 3/24/22.</p>				
SB B	Sediment Basin	O24	9/7/2021	Pending	Yes

Current Condition:	Pending - The basin had been partially dug out prior to the 9/14/21 inspection by DEJ, the inspector will continue to monitor.  The basin should be installed.  DEJ was informed to complete by 9/7/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 10/15/21, 10/21/21, 10/29/21, 12/2/21, 2/11/22, 3/24/22.				
SB C	Sediment Basin	H24	9/7/2021	Pending	Yes
Current Condition:	Pending - The basin was dug out prior to the 11/12/21 inspection.  The basin should be installed.  DEJ was informed to complete by 9/7/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 10/15/21, 10/21/21, 10/29/21, 12/2/21, 2/11/22, 3/24/22.				
SB D	Sediment Basin	H22	5/31/2021	Pending	Yes
Current Condition:	Pending - The basin was in the process of being dug out during the 11/4/21 inspection.  1.) Due to ground disturbance in the area, the basin should be installed. 2.) The existing area inlet in the location of the future riser should be wrapped with silt fence.  1.) DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22. 2.) DEJ/Gene Graves were informed to complete by 12/8/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 2/11/22, 3/24/22.				
SB E	Sediment Basin	D19	5/31/2021	Pending	Yes
Current Condition:	Pending - The basin was partially dug out prior to the 12/1/21 inspection.  Due to ground disturbance in the area, the basin should be installed.  DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22.				
SF 1	Silt fence	Northern/Western Perimeter	5/18/2021	Active	Yes
Current Condition:	Fair Condition - The developer installed the silt fence prior to the 5/18/21 inspection. A diversion berm appears to have been intentionally built in the northern section of the run prior to the 1/18/22 inspection, extending the silt fence is still recommended. Sudbeck installed wattles as an extension of the silt fence to the north prior to the 2/2/22 inspection. <b>Sudbeck began silt fence maintenance prior to the 4/1/22 inspection.</b>  1.) The silt fence needs to be extended to the south and along the north side of the entrance. 2.) Silt fence should be installed over the flared end sections at the area inlet outfall west of SB D. 3.) Silt fence should be reinstalled along 72nd Street when work allows. 4.) Silt fence should be repaired/patched in multiple locations along 72nd Street.  1.) DEJ/Gene Graves were informed to complete by 9/7/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 10/15/21, 10/21/21, 10/29/21, 12/2/21, 2/11/22, 3/24/22. 2.) DEJ/Gene Graves were informed to complete by 12/8/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 2/11/22, 3/24/22. 3.) DEJ/Gene Graves were informed to complete by 2/15/22. Not done as of the last inspection. TAB was reminded on 2/17/22. 4.) TAB was informed to complete by 2/23/22. Not done as of the last inspection.				
SF 2	Silt fence	Northeastern Perimeter	5/25/2021	Active	Yes
Current Condition:	Fair Condition - The developer installed the silt fence prior to the 5/25/21 inspection.  1.) The silt fence is damaged/full and Y12 and needs to be maintained. 2.) The silt fence is damaged at U12 and needs to be repaired.  1.) DEJ was informed to complete by 7/17/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 8/27/21, 9/2/21, 10/15/21, 10/21/21, 10/29/21, 12/2/21, 2/11/22, 3/24/22. 2.) DEJ was informed to complete by 7/17/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 8/27/21, 9/2/21, 10/15/21, 10/21/21, 10/29/21, 12/2/21, 2/11/22, 3/24/22.				
SF 3	Silt fence	Southeast Corner	5/25/2021	Active	Yes
Current Condition:	Fair Condition - The developer installed the silt fence prior to the 5/25/21 inspection.  Silt fence needs to be repaired at V25, X25, and AA25.  DEJ/Gene Graves were informed to complete by 10/27/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 10/29/21, 12/2/21, 2/11/22, 3/24/22.				
SF 4	Silt fence	Southwest Perimeter	5/18/2021	Active	Yes

Current Condition:	<p>Fair Condition - The developer installed the silt fence prior to the 5/18/21 inspection. Gene Graves installed silt fence around the Ponderosa Drive connection prior to the 10/13/21 inspection. Excavation spoils from sanitary excavation in the area of Ponderosa Drive damaged a small portion of the silt fence prior to the 1/18/22 inspection, the inspector will recommend repair when work is complete. Sanitary excavation around Ponderosa Drive appears to be complete as of the 2/2/22 inspection, maintenance in the area is now included below. <b>Sudbeck began silt fence maintenance prior to the 4/1/22 inspection.</b></p> <p>1.) The silt fence is ripped at G25, O25, and R25 and needs to be repaired.  2.) The silt fence around the Ponderosa Drive connection needs to be maintained.  3.) Additional silt fence should be installed in the high flow areas around Ponderosa Drive.  4.) The silt fence needs to be backfilled, cleaned out, and repaired in multiple locations.  5.) The silt fence removed around Ponderosa for sanitary work needs to be reinstalled.</p> <p>1.) DEJ was informed to complete by 7/17/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 8/27/21, 9/2/21, 10/15/21, 10/21/21, 10/29/21, 12/2/21, 2/11/22, 3/24/22.  2.) DEJ/Gene Graves were informed to complete by 10/20/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22.  3.) DEJ/Gene Graves were informed to complete by 10/20/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 10/21/21, 10/29/21, 12/2/21, 2/11/22, 3/24/22.  4.) DEJ/Gene Graves were informed to complete by 11/2/21. Not done as of the last inspection. DEJ/Gene Graves were reminded on 12/2/21, 2/11/22, 3/24/22.  5.) TAB was informed to complete by 2/23/22. Not done as of the last inspection.</p>				
STR	Streets	S 72nd Street	5/18/2021	Active	No
Current Condition:	Good Condition - The streets were relatively clean during the most recent inspection.				
SWPPP Sign	Misc/Other	S 72nd and Schram	5/18/2021	Active	No
Current Condition:	Good Condition - The E&A inspector installed the SWPPP sign in the southwest corner of the property during the 5/18/21 inspection.				
WO 1	Concrete Washout	On Site	5/31/2021	Pending	No
Current Condition:	Pending - A concrete washout will be installed when paving begins on site.				
WS 1	Waste Storage	On Site	5/31/2021	Pending	No
Current Condition:	Pending - Waste will be contained on site and in proper containment vessels.				
<b>Certification Statement:</b>	<p>"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."</p>				
<b>Inspector Signature:</b>				<b>Reviewed By:</b> 