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

**Engineering Answers** 

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

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Inspector: Jason Brackett		Stage				
Project Name:		1				
For Week Ending:		CSW-202004796 7/27/2024 12101 S 72nd St, Papillion, Sarpy County, NE				
Project Location:						
Grading:	8	80%			T	
Sanitary Sewer:	10	00%				
Storm Sewer:	9	95%				
Paving:	8	80%				
Seeding:	8	30%				
Utilities:	8	30%				
Overall Development:	4	7%				
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time		
					Week 1	
Sunday:	0.00"					
Monday:	0.00"					
Tuesday:	0.00"					
Wednesday:	0.00"	7/24/2024	Mostly Sunny 90/66	10:45 AM		
Thursday:	0.00"					
Friday:	0.00"				_	
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). Grading for roadways (6/9/22). Lot 3 Replat 1 and Lot 4 Replat 1 scraping (11/2/22). Representation of the representation of the representation of the roadways (6/9/22). Lot 3 Replat 1 and Lot 4 Replat 1 scraping (11/2/22). Representation of the represent

# 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). Grading for roadways (6/9/22). Lot 3 Replat 1 and Lot 4 Replat 1 scraping (11/2/22). Riprap installation and regrading at \$ 70th Street stub (11/2/22). Swale and ROW along Ponderosa connection finish graded (11/4/22). Swale and ROW along Ponderosa grading ceased (12/1/22). Basin cleanouts and processing silt began (8/3/23). Basin cleanouts completed (10/26/23). Sidewalk paving complete (11/8/23). Regrading of southeast corner lots (12/6/23). All grading ceased due to winter conditions (1/4/24). Re-grading of sidewalk replacements (6/19/24).

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

Existing vegetation (6/15/21). Disking/seeding east side of site (7/8/22). Lot 1, 2, 3 - seeded (11/10/22). Seeding and matting swale and ROW along Ponderosa and Schram/72nd medians and ROWs (12/8/22). Seeding/matting sidewalk disturbances began (11/8/23). Basin slopes seeded/matted (11/29/23). SE of S 72nd Street and Schram seeding/matting (12/13/23). Commercial Seeding seeded/matted portions of disturbance around sidewalk construction, light pole installation, and utility work (3/13/24). Commercial Seeding seeded/matted the northeast corner of 72nd and Schram (3/20/24). Re-seeding and matting around sidewalk replacements (6/19/24).

# **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.

Create Corrective Actic

Create Corrective Action

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

Yes

Create Corrective Action?

N/A

construction entrances and adjacent streets being maintained adequately?

Yes

Create Corrective Action?

N/A

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

Yes	
Create Corrective Action?	
N/A	

# Comments:

### Comments:

The site was inactive during the most recent inspection. Lot 5 and 6 Replat 1 have been removed from this SWPPP and are covered by PAP-20220310-6351-GP1

#### Findings / Corrective Actions (Date)

### Findings / Corrective Actions (Date):

- 1) Some maintenance is required in the BMP section of this report.
- 2) Disturbed areas of the north side of the Ponderosa Swale should be stabilized and the old silt fence removed when Vestara construction is complete. The inspector will continue to monitor and recommend maintenance when Vestara construction complete as of the 3/6/24 inspection.
- 3) Disturbed areas of poor vegetation growth need to be re-seeded and matted along the south side of Schram Road. The inspector sent a plan to Papio Park, LLC for approval on 5/23/24 prior to hiring a contractor to complete by 5/29/24. Not done as of the last inspection. Contractor hired prior to the 5/29/24 inspection. Contractor to complete erosion repair ASAP and permanent seeding in the Fall seeding window as of the 7/10/24 inspection.

		-	-			
Unique Name	Туре	Location	Projected Install Date	Status	Maintenance	
CE 1	Construction Entrance	Schram Road		Removed		
Current Condition:	Removed - The entrance connection.	will no longer be used a	as of the 8/29/22 inspection du	ie to the completion of	f the Schram Road	
D 1	Diversion	E of SB C	11/12/2021	Active	No	
Current Condition:			r to the 11/12/21 inspection. S			
			c maintained the diversion price respection, the inspector will ma			
D 2	Diversion	S of SB D		Removed		
Current Condition:	Removed - Due to additio 6/8/23 inspection.	onal BMPs installed for t	he Vestara Apartments, the di	version no longer nee	eds to be installed as of th	
D 3	Diversion	N of SB D	6/8/2023	Active	No	
Current Condition:			prior to the 6/8/23 inspection. rsion does not need to be reins		,	
D 4	Diversion	E and SB B		Removed		
Current Condition:	reinstallation is not require	ed.	g in the area has removed the		8/24 inspection,	
D 5	Diversion	Northwest Perimeter		Removed		
Current Condition:			sisting contours as of the 5/3/2		1	
D 6	Diversion	Western Perimeter		Removed		
Current Condition:	Removed - The remaining regrading are included in		ve been installed as of the 3/2 this report.	23/23 inspection. Rec	ommendations for swale	
D 7 Current Condition:	Diversion	Stub to SB A	3/23/2023 version from the stub road to \$	Active	No	
	DEJ reinstalled the diversions prior to the 11/15/23 inspection. The diversion was partially removed to build an access road for regrading of the southeast corner of the site and new work at Ponderosa Place prior to the 12/13/23 inspection, the inspector will recommend reinstallation when access road is no longer needed. Erosion through the berm has drained the ponded area as of the 2/28/24 inspection, the inspector will monitor during future rain events.					
D 8	Diversions	SB E	1	Removed		
Current Condition:			ns are no longer recommende		pection	
ET 1	Erosion Control Terrace		The fact the feetinger recommended	Removed	1	
Current Condition:			terrace will no longer be instal		nspection.	
ET 2	Erosion Control Terrace			Removed		
Current Condition:			terrace will no longer be instal	led as of the 7/15/22 i	nspection.	
ET 3	Erosion Control Terrace	N of SB B		Removed	<u> </u>	
Current Condition:	Removed - Due to active	paving in the area, the	terrace will no longer be instal	led as of the 7/15/22 i	nspection.	
ET 4	Erosion Control Terrace	East Central		Removed		
Current Condition:	Removed - Due to active	paving in the area, the	terrace will no longer be instal	led as of the 7/15/22 i	nspection.	
EM 1	Erosion Control Matting	Northwest Side	7/15/2022	Active	No	
Current Condition:			he matting prior to the 7/15/22 to the 12/8/22 inspection.	nspection. Portions	of the slope were re-	
EM 2	Erosion Control Matting	North-Central	7/15/2022	Active	No	
Current Condition:	Good Condition - Comme	rcial Seeding installed t	he matting prior to the 7/15/22	? inspection.		
EM 3	Erosion Control Matting		7/15/2022	Active	No	
Current Condition:	Good Condition - Comme seeding and matting prior	•	he matting prior to the 7/15/22 on.	inspection. Sudbeck	installed additional	
EM 4	Erosion Control Matting		12/8/2022	Active	No	
Current Condition:	Ü		he seed/mat prior to the 12/8/2			
EM 5	Erosion Control Matting		4/20/2023	Active	No	

Current Condition:	Cood Condition The area	nion control motting will l	be installed within the seeding	a window when the ac	assisted area reaches final
Current Condition.		•	will begin soon as of the 5/3/	,	
			work is complete. Seeding of		
			e as of the 8/29/22 inspection		
			finish grading along 72nd Str		
			eeded/matted the slope prior		
			pe prior to the 5/4/23 inspect n, the inspector will continue		
	time.	g the 10/12/23 hispection	ii, the hispector will continue	to monitor, no mainter	iance is required at this
FT 1	Fuel Tank	SW Corner		Removed	
Current Condition:	Removed - DEJ removed		7/15/22 inspection.	rtomovou	
FT 2	Fuel Tank	Material Storage Area		Removed	
Current Condition:	Removed - TAB removed	the fuel tank prior to the	4/7/22 inspection.		
FT 3	Fuel Tank	Material Storage Area		Removed	
Current Condition:	Removed - RPL removed		114/22 inspection.		
FT 4	Fuel Tank	Material Storage Area	E/10/00 increation	Removed	
Current Condition: FT 5	Removed - The fuel tank v Fuel Tank	Material Storage Area	e 5/16/22 irispection.	Removed	
Current Condition:	Removed - The fuel tank		e 7/8/22 inspection.	Removed	
FT 6	Fuel Tank	On Site		Removed	
Current Condition:	Removed - Kersten remov	ed the fuel tank prior to	the 11/4/22 inspection.		
FT 7	Fuel Tank	On Site		Removed	
Current Condition: TEMP IPs XX	Removed - Ruff Grading r Inlet Protection	· · · · · · · · · · · · · · · · · · ·	ior to the 12/20/23 inspection		N-
Current Condition:		Schram Road	10/5/2023 let filters along the south side	Active	No
Current Condition.		•	rior to the 11/2/23 inspection.	•	•
			al Seeding cleaned out the inl		
	Commercial Seeding clea	ned out the inlet filters p	rior to the 5/29/24 inspection.	•	
Lot 14	Individual Lot	Lot 14	2/8/2024	Active	No
Current Condition:	Good Condition - Legacy	Homes began constructi	on on the lot prior to the 2/8/2	24 inspection. Legacy	Homes removed the dirt
	1.	•	The lot is relatively flat in the		. , , ,
	·		s are required. The majority		
			wn a portable toilet on the lot K Homes stood up and secure		
	6/5/24.	724 inspection. Haiiman	Thomes stood up and secure	sa the portable tollet p	nor to the inspection on
Lot 19	Individual Lot	Lot 19	6/5/2024	Active	No
Current Condition:			the lot prior to the 6/5/24 insp		observed in the ROW
			I monitor for BMP installation		
Lot 20 Current Condition:	Individual Lot	Lot 20	6/12/2024	Active	No phoenrad in the ROW
Current Condition.			lot prior to the 6/12/24 inspending for removal and the ins		observed in the ROW
Lot 67	Individual Lot	Lot 67	ornitor for fornovar and the me	Removed	
Current Condition:	Removed - Legacy Homes		the 11/29/23 inspection.		
Lot 68	Individual Lot	Lot 68	•	Removed	
Current Condition:			oilet prior to the 12/20/23 insp		ctive.
MS 1	Material Storage	On Site	and the control of the control of the	Removed	bullet basis and the
Current Condition:	Removed - Civil overlot de 11/4/22 inspection.	evelopment is mostly cor	mplete, material storage will b	e addressed on a lot l	by lot basis as of the
PD V	•	0 : 0'		Bernel	
PB X Current Condition:	Portable Bathroom  Removed - RPI, removed	On Site	oilet from the site prior to the	Removed	
PB Y	Portable Bathroom	On Site	oner nom the site bliot to the	Removed	
Current Condition:			let prior to the 1/4/24 inspection		
SB A	Sediment Basin	X24	5/11/2022	Active	No
Current Condition:		he basin was partially du	ug out prior to the 12/1/21 ins		tfall pipe and rip rap
		•	2 inspection. The riser was in	•	·
	· ·	•	E&A inspector painted the c		
			sin and should remain in plac n the eastern phase begins. E		
			/27/23 inspection. DEJ instal	•	·
		•	n slopes prior to the 11/29/23		· ·
	baffle prior to the 4/17/24	inspection. Erosion into	the basin was observed duri	ng the 7/8/24 inspection	on, no maintenance is
	required at this time, issue	es will be addressed duri	ng future development of Pha	ase II.	
SB B	Sediment Basin	O24	5/18/2022	Active	No
Current Condition:			partially dug out prior to the	•	
			rap appears to have been in	•	-
			21/22 inspection. Dewatering r painted the cleanout mark or		
		·	ior to the 10/5/23 inspection.		•
			nmercial Seeding repaired the	7	
			-		
SB C	Sediment Basin	H24	5/18/2022	Active	No
		·			

Current Condition:	Good Condition - 10% Filled - The basin was dug out prior to the 11/12/21 inspection. The basin outfall pipe and rip rap appears to have been installed prior to the 4/13/22 inspection. The riser was in the process of being installed during the 4/21/22 inspection. Dewatering holes appear to have been installed in the riser prior to the 5/18/22 inspection. The E&A inspector painted the cleanout mark on 5/23/22. DEJ cleaned out the basin prior to the 6/29/23 inspection. DEJ installed the baffle prior to the 10/5/23 inspection. Commercial Seeding seeded and matted the basin slopes prior to the 11/29/23 inspection. Commercial Seeding seeded and matted the remaining portions of the outlot prior to the 3/13/24 inspection.						
SB D Current Condition:	Sediment Basin H22 5/18/2022 Active No  Good Condition - 10% Filled - The basin was in the process of being dug out during the 11/4/21 inspection. The basin outfall pipe and rip rap appears to have been installed prior to the 4/13/22 inspection. The riser was in the process of being installed during the 4/21/22 inspection. The old area inlet was removed prior to the 4/21/22 inspection. Dewatering holes appear to have been installed in the riser prior to the 5/18/22 inspection. The basin was in the process of being cleaned out during the 7/27/23 inspection. The basin was cleaned out and the correct depth achieved as of the 8/3/23 inspection. DEJ installed the baffle prior to the 10/5/23 inspection. Commercial Seeding seeded and matted the basin slopes prior to the 11/29/23 inspection. The damaged baffle was removed by Commercial Seeding prior to the 3/13/24 inspection, reinstallation is not needed due to adequate stabilization of the surrounding area.						
SB E	Sediment Basin	D19	5/3/2022	Active	No		
Current Condition:			ially dug out prior to the 12/1/				
SF 1	Silt fence	Northern/Western Perimeter	5/18/2021	Active	No		
Current Condition:	extension of the silt fence north side of the entrance 4/7/22 inspection. The sil the 6/24/22 inspection. TI NW of SB D prior to the 6 7/8/22 inspection. Sudber and extended the silt fence fence north of Schram prior 4/20/23 inspection. Sudbor 6/8/23 inspection. Papio I along S 72nd Street south about plowing in the area.	to the north prior to the prior to the 4/7/22 inspet fence was removed in the water contractor removed. If the water contractor removed in the water contractor removed in the water contractor. Sudbook installed silt fence along 72nd Street prior to the 12/8/22 inspect the contract was in the park LLC repaired the silt of Schram was in the part of Schram	ence prior to the 5/18/21 insp 2/2/22 inspection. Sudbeck e- ection. TAB repaired/reinstall- multiple locations, including s oved the silt fence where dan eck installed silt fence aroun- ing the north side of Schram por to the 9/19/22 inspection. Commercial Seeding rei silt fence along the top of the silt fence at the top of the slope process of being removed during the silt fence at the top of the slope process of being removed during the silt fence at the top of the slope frocess of being removed puring the silt fence at the top of the slope frocess of being removed puring the silt fence at the top of the slope frocess of being removed puring the silt fence at the top of the slope frocess of being removed puring the silt fence at the solution, the only respectively.	extended the silt fence ed the silt fence along outhwest of SB D, for naged adjacent to the d the flared end section or or or to the 9/12/22 inscanding the silt fence slope southeast of 72 e prior to the 8/10/23 ing the 12/13/23 insper to the 12/20/23	e to the south along the 172nd Street prior to the 272nd and Schram prior to the 272nd and 272		
SF 2	Silt fence	Northeastern Perimeter	5/25/2021	Active	No		
Current Condition:	Fair Condition - The developer installed the silt fence prior to the 5/25/21 inspection. Sudbeck reinforced the silt fence with additional posts in the northeast corner of the site. Sudbeck removed the silt fence in upgradient areas and repaired the silt fence in the northeast corner of the site prior to the 4/6/23 inspection. Sudbeck reinstalled the silt fence and new silt fence checks prior to the 6/8/23 inspection. The silt fence was damaged by excessive water from the adjoining property prior to the 6/22/23 inspection, repair is not recommended at this time, remaining control will be addressed during grading of Phase II. The area where the silt fence is located is adequately vegetated as of the 10/12/23 inspection, erosion repair and silt fence maintenance will be conducted during Phase II grading, no pollution concerns at this time.						
SF 3	Silt fence	Southeast Corner		Removed			
Current Condition:	Removed - The silt fence not recommended.	was removed during gra	ading of the project to the sou	th prior to the 2/8/24 i	nspection, reinstallation is		
SF 4	Silt fence	Southwest Perimeter	5/18/2021	Active	No		
Current Condition:	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. Sudbeck installed high porosity silt fence checks in the flow line of the swale prior to the 4/7/22 inspection. The silt fence was partially removed at the future Ponderosa entrance along 72nd Street for storm sewer work prior to the 5/18/22 inspection. Some of the silt fence was temporarily removed for water installation prior to the 9/27/22 inspection. The damaged portions of silt fence were removed prior to the 11/4/22 inspection. Commercial Seeding reinstalled the silt fence checks in the swale prior to the 12/8/22 inspection and installed perimeter silt fence in the area prior to the 12/8/22 inspection. Commercial Seeding reinforced the silt fence in the swale and installed additional silt fence to protect the drainage prior to the 3/30/23 inspection. Commercial Seeding cleaned out and repaired the silt fence checks north of the culvert and installed additional protection prior to the 5/4/23 inspection. The silt fence in the swale along Ponderosa is in fair condition as of the 5/4/23 inspection; however, to avoid disturbing growing vegetation, no maintenance is recommended at this time. OPPD damaged and removed portions of the silt fence prior to the 5/18/23 inspection, additional repairs will be recommended after OPPD work is complete. Papio Park LLC cleaned out the silt fence south of Ponderosa Drive prior to the 8/10/23 inspection. Commercial Seeding repaired/reinstalled the silt fence north of Ponderosa Drive prior to the 8/17/23 inspection. Some of the silt fence along the southern perimeter of the site is significantly damaged as of the 2/8/24 inspection; however, due to imminent grading of the project to the south and removal of the silt fence, no maintenance is recommended. Commercial Seeding removed the damaged portions of silt fence along 72nd Street and seeded/matted the area prior to the 3/13/24 inspecti						
SF 5	Silt fence	NW corner of Lot 3 Replat 1	11/4/2022	Active	Yes		

Current Condition:	Fair Condition - Sudbeck installed the silt fence prior to the 11/4/22 inspection. Sudbeck repaired and reinforced the silt fence prior to the 3/30/23 inspection. Sudbeck extended and repaired the silt fence prior to the 6/8/23 inspection. OPPD damaged and removed portions of the silt fence prior to the 6/8/23 inspection, additional repairs will be recommended after OPPD work is complete. Commercial Seeding repaired the silt fence prior to the 8/17/23 inspection. Commercial Seeding repaired the silt fence prior to the 11/29/23 inspection.  The silt fence needs to be cleaned out/repaired in multiple locations.						
	The second secon		approval on 5/23/24 prior to hi ng to complete during return t	O .			
SF 6	Silt fence	NE S 70th and Flint		Removed			
Current Condition:	Removed - Commercial S	seeding removed the silt	fence and seeded/matted the	area prior to the 3/13	3/24 inspection.		
SF 7	Silt fence	NE S 70th and Stony		Removed	·		
Current Condition:	Removed - Commercial S	seeding removed the silt	fence and seeded/matted the	area prior to the 3/13	3/24 inspection.		
SF 8	Silt fence	NW of SB C	12/8/2022	Active	No		
Current Condition:	Good Condition - Commercial Seeding installed the silt fence prior to the 12/8/22 inspection. OPPD damaged and removed portions of the silt fence prior to the 6/8/23 inspection, additional repairs will be recommended after OPPD work is complete. Due to utility work as of the 8/17/23 inspection, the silt fence will not be repaired; the area is well vegetated and the silt fence will be removed when work is complete. The E&A inspector inquired with the construction observer if OPPD is complete in the area as of the 10/12/23 inspection so that repairs can be conducted. Commercial Seeding removed the damaged silt fence prior to the 3/13/24 inspection.						
SF 9	Silt fence	NE Corner of 72nd and Schram		Removed			
Current Condition:	Removed - Commercial Seeding removed the remaining portions of the silt fence prior to the 3/20/24 inspection. Commercial Seeding seeded and matted the disturbed areas around the utilities prior to the 3/20/24 inspection.						
STR	Streets	S 72nd Street	5/18/2021	Active	No		
Current Condition:	Good Condition - The stre	eets were relatively clear	during the recent inspection.	•			
SW 1	Straw Wattles	72nd ROW		Removed			
Current Condition:	Removed - Sudbeck removed the wattles during grading prior to the 4/6/23 inspection. The slope will be seeded and matted by 5/1/23, wattles are no longer needed. Silt fence is in place where necessary.						
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. An additional SWPPP sign was installed at S 72st Street and Schram prior to the 6/22/23 inspection.						
WO 1	Concrete Washout	On Site		Removed			
Current Condition:	Removed - Sudbeck clear	ned up the remaining co	ncrete waste on site prior to the	he 11/4/22 inspection.			
WS 1	Waste Storage	On Site		Removed			
Current Condition:	Removed - Waste storage section.	e of concrete, construction	on materials, portable toilets a	are covered under sep	parate BMPs in the BMP		
Certification Statement:	"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:	Ja. Co Mart			Reviewed By:	Cato Sol		