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Engineering Answers

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

E&A - P2017.550.000

Inspector: Joe Manning		Stage
Project Name:	Ashbury Heights (Belterra) PAP-20180830-4619	1
For Week Ending:	1/14/2023	68046
Project Location:	S 114th Street and Schram Road, Papillion, NE (Sarpy County)	

	Phase I	Phase II			
Grading:	100%	90%			
Sanitary Sewer:	90%	50%			
Storm Sewer:	80%	0%			
Paving:	85%	0%			
Seeding:	90%	85%			
Utilities:	75%	0%			
Overall Development:	20%	2%			

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"				
Thursday:	0.00"	1/12/2023	Cloudy 27	2:20 PM	
Friday:	0.00"				
Saturday:	0.00"				

Complaints:	None
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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 in drainage area B, C, and D (10/31/19). Rough grading began in drainage area A (11/7/19). Rough grading complete in drainage area A, B, C, and D (12/3/19). Ground disturbance for Basin A excavation began (1/16/2020). Ground disturbance for Basin A excavation complete (2/20/20). Ground disturbance for Basin F excavation began (2/20/20). Ground disturbance for Basin A and B excavation began (2/27/20). Large portion of the site south of SB B regraded (3/5/20). Large portion of site south of the wetland regraded (4/2/20). Northeast portion of the site mass excavation began (4/2/20). Large portion of the site west of SB F regraded (4/9/20). Large portion of the site north of SB F regraded (5/6/20). Grading on section 1 complete (6/19/20). Paving in progress (4/28/21). Paving ceased (8/2/21). Excavation for utility installation (8/2/21). Paving in progress (9/15/21). Sidewalk paving along Schram Rd. (11/23/21). Home building began (12/15/21). Mass grading for Phase II in the south (4/6/22). Excavation for sanitary installation in phase II (11/3/22). Ground disturbance in Phase II roadways (11/9/22). Minor ground disturbance throughout Phase I for OPPD installation (11/9/22). Sanitary sewer install Phase II (12/2/22).

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 in drainage area B, C, and D (10/31/19). Rough grading began in drainage area A (11/7/19). Rough grading complete in drainage area A, B, C, and D (12/3/19). Ground disturbance for Basin A excavation began (1/16/2020). Ground disturbance for Basin A excavation complete (2/20/20). Ground disturbance for Basin F excavation began (2/20/20). Ground disturbance for Basin A and B excavation began (2/27/20). Large portion of the site south of SB B regraded (3/5/20). Large portion of site south of the wetland regraded (4/2/20). Northeast portion of the site mass excavation began (4/2/20). Large portion of the site west of SB F regraded (4/9/20). Large portion of the site north of SB F regraded (5/6/20). Grading on section 1 complete (6/19/20). Paving in progress (4/28/21). Paving ceased (8/2/21). Excavation for utility installation (8/2/21). Paving in progress (9/15/21). Sidewalk paving along Schram Rd. (11/23/21). Home building began (12/15/21). Mass grading for Phase II in the south (4/6/22). Excavation for sanitary installation in phase II (11/3/22). Ground disturbance in Phase II roadways (11/9/22). Minor ground disturbance throughout Phase I for OPPD installation (11/9/22). Sanitary sewer install Phase II (12/2/22).

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

Existing vegetation (10/31/19). Drainage Basin B, C, and F seeded (7/7/20). Drainage Basin A seeded (7/21/20). Outlot 'A' seeded (8/2/21). Seed and mat along Schram road (8/25/21). Drill seeding of the entire site (11/8/21). Seeding / matting around SB D (5/26/22). Drill seeding eastern half of Phase II (6/1/22). Seeding / matting along Schram Road ROW (6/8/22). Drill seeding western half of Phase II (7/8/22). Seeding / matting along 114th Street ROW (8/26/22). Seeding/matting to the west of SB C (10/5/22).

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					
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 BMPs section.					
Are construction entrances and adjacent streets being maintained adequately?					
No					
Create Corrective Action?					
No, See BMPs section.					
Is dust associated with the construction activity adequately controlled on the site?					
Yes					
Create Corrective Action?					
N/A					
Comments:					
Comments:					
Phase I was active for home building during the current inspection. Phase II was inactive during the current inspection.					
Sequencing percentages as follows: Phase I / Phase II					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date):					
1.) Some maintenance is required in the BMP section.					
2.) Old inlet filters in front of sodded lots need to be removed. D R Horton was informed to complete by 12/22/22. Due to snowy conditions during the 12/22/22 inspection, this could not be confirmed. E&A inspector will monitor during next inspection.					
3.) CIR #18229 was received, reviewed, and sent to Graves Development on 1/05/23. The City's findings mostly correspond with the E&A report. Based on E&A inspection, SB A is not at the cleanout elevation.					
Unique Name	Type	Phase I Location	Projected Install Date	Status	Maintenance
CE 01	Construction Entrance	AA15		Removed	
Current Condition:	Removed - As of 4/6/22, no construction traffic for Ashbury Heights will be using this entrance, and maintenance will be the responsibility of S 114th St improvements (PAP-20170802-4217-GP1).				
CE 02	Construction Entrance	N2		Removed	
Current Condition:	Removed - Graves development paved the entrance prior to the inspection on 5/10/21.				
CE 03	Construction Entrance	D2		Removed	
Current Condition:	Removed - Due to the start of the Schram Road Improvement project the temporary entrance has been removed prior to the inspection on 7/7/20.				
CE 04	Construction Entrance	O3		Removed	
Current Condition:	Removed - Due to the start of the Schram Road Improvement project the temporary entrance has been removed prior to the inspection on 7/30/20.				
CE 05	Construction Entrance	AA8		Removed	
Current Condition:	Removed - Graves development paved the entrance prior to the inspection on 9/12/2022.				
CW 01	Concrete Washout	S 11	4/28/2021	Active	No
Current Condition:	Fair Condition - TAB Construction installed a concrete washout prior to the inspection on 4/30/21. TAB Construction installed a second concrete washout in the northeast section of the site prior to the inspection on 9/22/21. TAB Construction removed the concrete washout pit in the middle of the site prior to the inspection on 10/13/21. TAB Construction removed the concrete washout prior to the inspection on 12/15/21. D R Horton placed a concrete washout south of lot 80 prior to the 8/3/22 inspection. D R Horton moved the concrete washout south of lot 84 prior to the 9/07/22 inspection. D R Horton removed the concrete waste prior to the 10/12/22 inspection. D R Horton cleaned out the concrete washout prior to the inspection on 1/05/23. Concrete waste was observed in the northeast corner of Phase II during the inspection on 1/12/23. E&A inspector will attempt to identify the responsible party.				
D 01	Diversion	NW corner of site (SW of SB A)	12/15/2022	Active	No
Current Condition:	Good Condition - A portion of the diversion was installed prior to the 12/15/22 inspection.				
D 02	Diversion	NW corner of site (Southeast of SB A)	11/22/2019	Active	Yes

Current Condition:	Fair Condition - Ruff Grading installed the diversion prior to inspection on 11/22/19. Ruff Grading cleaned out and redefined the diversion prior to the 2/27/20 inspection. Ruff Grading reinstalled the diversion prior to the inspection on 3/20/20. Ruff Grading reinstalled the diversion prior to the inspection on 5/6/20. Ruff grading removed the southern portion of the diversion prior to the 5/18/20 inspection. Ruff Grading reinstalled the southern portion of the diversion prior to the 5/27/20 inspection. Ruff Grading redefined/cleaned out the diversion prior to the inspection on 6/1/20. Ruff Grading removed the diversion prior to the inspection on 6/16/20. Ruff Grading reinstalled the diversion prior to the inspection on 6/19/20. The erosion along the diversion needs to be repaired and stabilized. GDR was informed to complete by 12/22/22 or when weather allows. Not done as of the last inspection.				
D 03	Diversion	NW corner of site (Southwest of SB B)	11/22/2019	Active	Yes
Current Condition:	Fair Condition - Ruff Grading installed the diversion prior to inspection on 11/22/19. Ruff Grading redefined/deepened the basin prior to the inspection on 11/26/19. Ruff Grading cleaned out/redefined/ reinstalled the diversion where full and removed prior to the inspection on 3/20/20. Ruff Grading reinstalled/redefined the diversion leading into SB A during the inspection on 4/9/20. Ruff grading removed the southern portion of the diversion prior to the 5/18/20 inspection. Ruff Grading reinstalled the southern portion of the diversion prior to the 5/27/20 inspection. Ruff Grading removed the diversion prior to the inspection on 6/16/20. Ruff Grading reinstalled the diversion prior to the inspection on 6/19/20. Due to inactivity in the area and establishment of vegetation, maintenance is no longer recommended as of the 7/14/22 inspection. E&A inspector will continue to monitor. The erosion along the diversion needs to be repaired and stabilized. GDR was informed to complete by 12/22/22 or when weather allows. Not done as of the last inspection.				
D 04	Diversion	N perimeter of site (East of SB B)		Removed	
Current Condition:	Removed - The diversion was removed for home construction prior to the 12/15/22 inspection.				
D 05	Diversion	SE corner of site (Northwest of SB F)		Removed	
Current Condition:	Removed - The diversion was removed for utility work prior to the 8/2/21 inspection. Due to the completion of paving in the area, the diversion does not need to be reinstalled.				
D 06	Diversion	NE corner of site (South of SB C)		Removed	
Current Condition:	Removed - Diversion was removed during the SWPPP modification on 12/10/19.				
D 07	Diversion	NE corner of site (South of SB C)		Removed	
Current Condition:	Removed - Due to grade in the area, diversion is no longer needed as of 6/16/20 inspection.				
D 08	Diversion	NE corner of site (North of SB C)		Removed	
Current Condition:	Removed - Due to grade in the area, diversion is no longer needed as of 6/16/20 inspection.				
D 09	Diversion	N perimeter of site (East of SB B)		Removed	
Current Condition:	Removed - Diversion was renamed during the SWPPP modification on 12/10/19. D 09 was renamed and is now referred to as D 04 in the E&A inspector's report.				
D 10	Diversion	South of SB A		Removed	
Current Condition:	Removed - This is a duplicate of D1, see D1 as of 12/16/22.				
EM 01	Erosion Control Matting	Northwest corner of site (East of D 3)	1/31/2020	Pending	No
Current Condition:	Pending - Erosion control matting will be installed once earthwork in the area is complete. Civil earthwork is complete in the area as of the 8/2/21 inspection; however, due to the future lot construction, final stabilization of the area will no be recommended at this time.				
EM 02	Erosion Control Matting	Northwest corner of site (West of D 2)	1/31/2020	Pending	No
Current Condition:	Pending - Erosion control matting will be installed once earthwork in the area is complete. Civil earthwork is complete in the area as of the 8/2/21 inspection; however, due to the future lot construction, final stabilization of the area will no be recommended at this time.				
EM 03	Erosion Control Matting	Southeast corner of site (South of D 5)		Removed	
Current Condition:	Removed - Erosion Control Matting was removed during the SWPPP modification on 12/10/19.				
FT 1	Fuel Tank	East of CE 2		Removed	
Current Condition:	Removed - Midlands Construction removed the fuel tank prior to the inspection on 6/16/21.				
FT 2	Fuel Tank	South of CE 2		Removed	
Current Condition:	Removed - TAB Construction removed the fuel tank prior to the inspection on 1/5/22. No other fuel tank should be needed for phase I. See phase II for additional fuel tanks. Verified on 10/26/22.				
Lot 1	Individual Lot	Lot 1		Removed	
Current Condition:	Removed - Bridgewater Homes sodded the lot prior to the inspection on 11/23/22.				
Lot 2	Individual Lot	Lot 2		Removed	
Current Condition:	Removed - Bridgewater Homes sodded the lot prior to the inspection on 11/23/22.				
Lot 19	Individual Lot	Lot 19		Removed	
Current Condition:	Removed - Bridgewater Homes sodded the lot prior to the 11/3/22 inspection.				
Lot 20	Individual Lot	Lot 20		Removed	
Current Condition:	Removed - Bridgewater Homes sodded the lot prior to the 11/3/22 inspection.				

Lot 78	Individual Lot	Lot 78		Removed	
Current Condition:	Removed - D R Horton Sodded the lot prior to the 8/26/22 inspection. Lot previously misidentified as lot 79.				
Lot 79	Individual Lot	Lot 79		Removed	
Current Condition:	Removed - D R Horton sodded the lot prior to the inspection on 12/8/22.				
Lot 80	Individual Lot	Lot 80		Removed	
Current Condition:	Removed - D R Horton sodded the lot prior to the inspection on 12/8/22.				
Lot 81	Individual Lot	Lot 81		Removed	
Current Condition:	Removed - D R Horton sodded the lot prior to the inspection on 12/8/22.				
Lot 82	Individual Lot	Lot 82	8/17/2022	Active	Yes
Current Condition:	<p>Fair Condition - D R Horton began excavating the lot and installed perimeter wattles around the lot prior to the 8/17/22 inspection. D R Horton installed wattles along the front of the lot prior to the inspection on 9/19/2022. D R Horton installed a waste container on lot 74 prior to the inspection on 11/9/22. D R Horton removed some of the wattles along the front of the lot prior to the inspection on 12/2/22. D R Horton reinstalled the wattles on the lot prior to the inspection on 12/8/22. D R Horton staked down a portable toilet across the street prior to the 12/22/22 inspection. D R Horton secured the portable toilets at least 50' from the nearest inlet and cleaned the street in front of the lot prior to the inspection on 1/12/23.</p> <p>Wattles along the front of the lot should be repaired.</p> <p>D R Horton was informed to complete by 1/05/23. Not done as of the last inspection.</p>				
Lot 83	Individual Lot	Lot 83	11/9/2022	Active	Yes
Current Condition:	<p>Fair Condition - D R Horton installed perimeter wattles around the lot prior to the inspection on 11/9/22. D R Horton began excavating the lot prior to the inspection on 11/23/22. D R Horton installed an inlet filter in front of the lot prior to the inspection on 12/2/22. D R Horton removed some of the wattles along the front of the lot prior to the inspection on 12/2/22. D R Horton reinstalled the wattles on the lot prior to the inspection on 12/8/22. D R Horton maintained the inlet filter and cleaned the street in front of the lot prior to the inspection on 1/12/23.</p> <p>Wattles along the front of the lot should be repaired.</p> <p>D R Horton was informed to complete by 1/05/23. Not done as of the last inspection.</p>				
Lot 84	Individual Lot	Lot 84	11/9/2022	Active	Yes
Current Condition:	<p>Fair Condition - D R Horton installed perimeter wattles around the lot prior to the inspection on 11/9/22. D R Horton began excavating the lot prior to the inspection on 11/23/22. D R Horton removed some of the wattles along the front of the lot prior to the inspection on 12/2/22. D R Horton reinstalled the wattles on the lot prior to the inspection on 12/8/22. D R Horton cleaned the street prior to the inspection on 1/12/23.</p> <p>Wattles along the front of the lot should be repaired.</p> <p>D R Horton was informed to complete by 1/05/23. Not done as of the last inspection.</p>				
Lot 85	Individual Lot	Lot 85	11/9/2022	Active	Yes
Current Condition:	<p>Fair Condition - D R Horton installed perimeter wattles around the lot prior to the inspection on 11/9/22. D R Horton began construction on the lot prior to the 12/15/22 inspection. D R Horton cleaned the street prior to the inspection on 1/12/23.</p> <p>Wattles along the front of the lot should be repaired.</p> <p>D R Horton was informed to complete by 1/05/23. Not done as of the last inspection.</p>				
Lot 86	Individual Lot	Lot 86	11/9/2022	Active	Yes
Current Condition:	<p>Fair Condition - D R Horton installed perimeter wattles around the lot prior to the inspection on 11/9/22. D R Horton began construction on the lot prior to the 12/15/22 inspection. D R Horton cleaned the street prior to the inspection on 1/12/23.</p> <p>Wattles along the front of the lot should be repaired.</p> <p>D R Horton was informed to complete by 1/05/23. Not done as of the last inspection.</p>				
Lot 87	Individual Lot	Lot 87	11/9/2022	Active	No
Current Condition:	Good Condition - D R Horton installed perimeter wattles around the lot prior to the inspection on 11/9/22.				
Lot 88	Individual Lot	Lot 88	11/9/2022	Active	No
Current Condition:	Good Condition - D R Horton installed perimeter wattles around the lot prior to the inspection on 11/9/22. D R Horton installed inlet protection in the curb inlet south of the lot prior to the inspection on 1/05/23.				
Lot 89	Individual Lot	Lot 89	11/9/2022	Active	No
Current Condition:	Good Condition - D R Horton installed perimeter wattles around the lot prior to the inspection on 11/9/22.				
Lot 97	Individual Lot	Lot 97	6/29/2022	Active	No
Current Condition:	<p>Good Condition - Lot was previously misidentified as Lot 144. Legacy Homes began excavation on the lot prior to the inspection on 6/29/22. Legacy Homes installed wattles along the north and east sides and silt fence on the south side of lot prior to the inspection on 9/12/2022. Legacy Homes repositioned the wattles prior to the inspection on 12/8/22. Legacy Homes staked down a portable toilet on the lot prior to the 12/15/22 inspection. Legacy Homes was no longer accessing the lot from the rear and cleaned the street as of the inspection on 12/22/22. Legacy Homes installed a construction entrance behind the lot prior to the inspection on 1/12/23.</p>				
Lot 98	Individual Lot	Lot 99	8/26/2022	Active	Yes

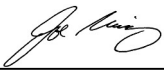

Current Condition:	Fair Condition - Legacy Homes began excavation on the lot prior to the inspection on 8/26/22. Due to the lot being actively excavated and a vegetative buffer along the back no BMPs will be recommended at this time. Legacy Homes installed wattles along the north side of lot prior to the inspection on 9/12/2022. Legacy Homes repositioned the wattles prior to the inspection on 12/8/22. The street in front of the lot should be cleaned. Legacy Homes was informed to complete by 1/13/23.				
Lot 99	Individual Lot	Lot 99	6/29/2022	Active	No
Current Condition:	Good Condition - Lot was previously misidentified as Lot 142. Legacy Homes began excavation on the lot prior to the inspection on 6/29/22. Legacy Homes installed wattles along the north side of lot prior to the inspection on 9/12/2022. Legacy Homes repositioned the wattles prior to the inspection on 12/8/22.				
Lot 100	Individual Lot	Lot 100	8/26/2022	Active	Yes
Current Condition:	Fair Condition - Legacy Homes began excavation on the lot prior to the inspection on 8/26/22. Legacy Homes installed wattles along the north side of lot prior to the inspection on 9/12/2022. Legacy Homes repositioned the wattles prior to the inspection on 12/8/22. Concrete waste should be removed from the lot. Legacy Homes was informed to complete by 12/9/22. Not done as of last inspection. Legacy Homes was reminded on 12/30/22, 1/13/23				
Lot 101	Individual Lot	Lot 101	8/26/2022	Active	Yes
Current Condition:	Fair Condition - Legacy Homes began excavation on the lot prior to the inspection on 8/26/22. Due to the lot being actively excavated and a vegetative buffer along the back no BMPs will be recommended at this time. Legacy Homes installed wattles along the north side of lot prior to the inspection on 9/12/2022. The street in front of the lot should be cleaned. Legacy Homes was informed to complete by 1/13/23.				
Lot 102	Individual Lot	Lot 102	12/15/2022	Active	No
Current Condition:	Active - Legacy Homes began construction on the lot prior to the 12/15/22 inspection. The lot is relatively flat in the front and backs up to a vegetative buffer in the rear of the lot, no BMPs are recommended at this time.				
Lot 111	Individual Lot	Lot 111		Removed	
Current Condition:	Removed- Misidentified the lot see Lot 112 as of 11/09/22 inspection.				
Lot 112	Individual Lot	Lot 112	8/3/2022	Active	Yes
Current Condition:	Fair Condition - Lot was previously misidentified as lot 111. Legacy Homes began excavation on the lot prior to the inspection on 8/3/22. Legacy Homes installed silt fence in the front corner of the lot prior to the 12/15/22 inspection. Legacy Homes cleaned up the concrete waste prior to the 12/15/22 inspection. 1.) The silt fence should be repaired. 2.) The street in front of the lot should be cleaned. 1.) Legacy Homes was informed to complete by 1/05/23. Not done as of the last inspection. Legacy Homes was reminded on 1/13/23 2.) Legacy Homes was informed to complete by 12/30/22. Not done as of the last inspection. Legacy Homes was reminded on 1/13/23				
Lot 137	Individual Lot	Lot 137	7/14/2022	Active	No
Current Condition:	Good Condition - Lot was previously misidentified as Lot 150. Bridgewater Homes began excavation on the lot prior to the inspection on 7/14/22. Legacy Homes installed perimeter wattles on the lot prior to the inspection on 12/8/22.				
Lot 142	Individual Lot	Lot 142		Removed	
Current Condition:	Removed - Misidentified. See Lot 99.				
Lot 144	Individual Lot	Lot 144		Removed	
Current Condition:	Removed - Misidentified. See Lot 97.				
Lot 150	Individual Lot	Lot 150		Removed	
Current Condition:	Removed - Misidentified. See Lot 137.				
PB 1	Portable Bathroom	East of CE 2		Removed	
Current Condition:	Removed - An unknown builder installed and secured a portable toilet across the street from lot 1 prior to the inspection on 12/15/21. The builder removed the portable toilet prior to the 7/18/22 inspection.				
PB 2	Portable Bathroom	South of CE 2		Removed	
Current Condition:	Removed - TAB Construction removed the portable toilet prior to the inspection on 6/2/21. TAB Construction installed and secured a portable toilet in the northeast corner of the site prior to the inspection on 8/17/21. TAB Construction secured the portable toilet prior to the inspection on 9/3/21. TAB construction removed the portable toilet prior to the inspection on 12/15/21.				
PB 03	Portable Bathroom	Lot 20		Removed	
Current Condition:	Removed - Bridgewater Homes removed the portable toilet prior to the inspection on 12/2/22.				
SB A	Sediment Basin	Northwest corner of site	3/12/2020	Active	No
Current Condition:	Good Condition - 46% full - Ruff Grading began excavation of the basin prior to inspection on 11/22/19. Ruff Grading installed the riser, outfall, and baffle for the basin prior to the inspection on 3/5/20. Ruff Grading installed Rip Rap at the basin outfall prior to the inspection on 3/12/20. As of the 3/12/20 inspection Ruff Grading has completed basin installation. The E&A inspector repaired the damaged baffle prior to the inspection on 5/13/20. The E&A inspector repainted the clean out mark on the riser during the inspection on 8/12/20. The E&A inspector repainted the clean out mark on the riser during the inspection on 4/1/22. The E&A inspector repainted the clean out mark on the riser during the 7/18/22 inspection.				

SB B	Sediment Basin	Northwest corner of site (East of SB A)	3/12/2020	Active	Yes
Current Condition:	<p>Fair Condition - 7% full - Ruff Grading began excavation of the basin prior to inspection on 11/14/19. Ruff Grading was observed installing the riser, basin outfall, and inlets during the 2/27/20 inspection. Ruff Grading installed the riser and outfall pipe for the basin prior to the 3/5/20 inspection. Ruff Grading installed Rip Rap at the basin outfall prior to the inspection on 3/12/20. As of the 3/12/20 inspection Ruff Grading has completed basin installation. Hausman cleaned out the basin prior to the inspection on 7/27/21. The E&A inspector repainted the cleanout mark on the riser on 7/29/21.</p> <p>The rip rap apron was buried during sewer work in the area and should be cleaned off.</p> <p>TAB Construction was informed to complete by 9/9/20. Not done as of the last inspection. No response received as of the last inspection. TAB Construction was reminded on 10/14/20, 11/28/20, 1/21/21, 2/26/21, 3/16/21, 5/12/21, 6/17/21, 7/2/21, 7/17/21, 8/27/21, 9/23/21 (CIR#15034), 10/22/21, 11/2/21 (CIR #15322), 12/2/21, 12/7/21 (CIR #15550), 1/24/22 (CIR #15852), 3/2/22 (CIR #16144)</p>				
SB C	Sediment Basin	Northeast corner of site	11/22/2019	Active	No
Current Condition:	<p>Good Condition - 35% full - Ruff Grading began excavation of the basin prior to inspection on 11/22/19. Ruff Grading was observed installing the riser, basin outfall, inlets, and baffle during the 3/5/20 inspection. Ruff Grading completed basin installation prior to the inspection on 4/2/20. The E&A inspector repaired the damaged baffle prior to the inspection on 5/13/20. The E&A inspector repainted the clean out mark on the riser during the inspection on 8/12/20.</p>				
SB D	Sediment Basin	Southeast corner of site (North of SB E)		Removed	
Current Condition:	Removed - Sediment Basin was removed during the SWPPP modification on 12/10/19.				
SB E	Sediment Basin	Southeast corner of site (South of SB D)		Removed	
Current Condition:	Removed - Sediment Basin was removed during the SWPPP modification on 12/10/19.				
SB F	Sediment Basin	Southeast corner of site		Removed	
Current Condition:	Removed - Ruff Grading removed the temporary basin prior to the 4/13/22 inspection.				
SB G	Sediment Basin	Southeast corner of site (NW of SB D and E)		Removed	
Current Condition:	Removed - Sediment Basin was removed during the SWPPP modification on 12/10/19.				
SF 01	Silt Fence	Southwest perimeter of site		Removed	
Current Condition:	Removed - Silt fence 01 is no longer recommended. Phase II has BMPs in place as of 12/2/22.				
SF 02	Silt Fence	East perimeter of site		Removed	
Current Condition:	Removed - Silt fence 02 is no longer recommended. Phase II has BMPs in place as of 12/2/22.				
SF 03	Silt Fence	Northwestern perimeter of site	10/31/2019	Active	Yes
Current Condition:	<p>Fair Condition - Ruff Grading installed the silt fence prior to the 10/31/19 inspection. The silt fence at the base of the outfall for SB A was removed prior to the inspection on 7/1/20. The silt fence north of SB A and B was removed prior to the 7/15/20 inspection due to the grading start of the Schram Road Improvement Project directly north of the site. TAB Construction reinstalled some of the silt fence that was removed for sewer installation prior to the inspection on 11/10/20. The surrounding area is well vegetated as of the 7/14/22 inspection, so reinstalling the small section of removed silt fence in the northwest corner is no longer recommended.</p> <p>The silt fence is damaged/full in multiple locations and should be repaired.</p> <p>Graves Development was informed to complete by 12/22/22. Not done as of the last inspection.</p>				
SF 04	Silt Fence	Southwest perimeter of site (East of SF 01)		Removed	
Current Condition:	Removed - Silt fence 04 is no longer recommended. Phase II has BMPs in place as of 12/2/22.				
SF 05	Silt Fence	East of SF 4 adjacent to SF 6		Removed	
Current Condition:	Removed - Silt fence was removed during the SWPPP modification on 12/10/19.				
SF 06	Silt Fence	East of SF 4 adjacent to SF 5		Removed	
Current Condition:	Removed - Silt fence was removed during the SWPPP modification on 12/10/19.				
SF 07	Silt Fence	Central eastern perimeter of site		Removed	
Current Condition:	Removed - Silt fence was removed during the SWPPP modification on 12/10/19. SF 07 was renamed and is now referred to as a part of SF 02 in the E&A inspector's report.				
SF 08	Silt Fence	North of SB E (Perimeter SF for SB E)		Removed	
Current Condition:	Removed - Silt fence was removed during the SWPPP modification on 12/10/19.				
SF 09	Silt Fence	Grid F2	9/2/2020	Active	No

Current Condition:	Good Condition - Graham Construction installed a silt fence wrap around the grate inlet upstream of the culvert at STA 57+00 prior to the inspection on 9/02/20. Graham maintained the silt fence prior to the 12/9/20 inspection. Maintenance will be sent to Belterra as of 4/2/21. Previously named SF 12 under the Schram Road grading permit. Now under the Belterra permit as of 4/2/21. Hausman was removing all silt from the wetlands and from around the inlet during the inspection on 7/27/21. E&A inspector will continue to monitor for silt fence reinstallation. Hausman cleaned out, repaired, and reinstalled the silt fence around the grate inlet prior to the 8/2/21 inspection. Hausman installed additional high porosity silt fence checks in the area of the grate inlet prior to the 8/2/21 inspection. All silt fence checks were in good condition during the 7/14/22 inspection.				
SF 10	Silt Fence	X15-BB15	7/27/2021	Active	No
Current Condition:	Good Condition - Commercial Seeding installed silt fence along multiple interior streets prior to the inspection on 7/27/21. Commercial Seeding repaired, cleaned out, and extended the silt fence prior to the inspection on 11/8/21. Silt fence was partially removed for utility work prior to the inspection on 11/16/21. Commercial Seeding repaired the silt fence prior to the 3/16/22 inspection. Graves Development repaired the silt fence prior to the 12/08/22 inspection.				
SF 11	Silt Fence	O13-M13	7/27/2021	Active	Yes
Current Condition:	Fair Condition - Commercial Seeding installed silt fence prior to the inspection on 7/27/21. Silt fence was partially removed for utility work prior to the inspection on 11/16/21. Commercial Seeding repaired the silt fence prior to the 3/16/22 inspection. A portion of the silt fence was removed for sidewalk installation prior to the 4/27/22 inspection. E&A inspector will continue to monitor and recommend reinstallation when work is complete. The silt fence needs to be repaired/replaced. Graves Development was informed to complete by 12/22/22. Not done as of the last inspection. Graves Development was reminded on 1/05/23 (CIR # 18229)				
SF 12	Silt Fence	M14-J15		Removed	
Current Condition:	Removed - Graves Development removed the silt fence prior to the 12/08/22 inspection.				
SF 13	Silt Fence	I15-G16		Removed	
Current Condition:	Removed - Graves Development removed the silt fence prior to the 12/08/22 inspection.				
SF 14	Silt Fence	H8	7/27/2021	Active	Yes
Current Condition:	Fair Condition - Commercial Seeding installed silt fence prior to the inspection on 7/27/21. Graves Development repaired the silt fence prior to the inspection on 12/8/22. The silt fence needs to be repaired/replaced. Graves Development was informed to complete by 12/22/22. Not done as of the last inspection. Graves Development was reminded on 1/05/23 (CIR # 18229)				
SF 15	Silt Fence	H5-J4	7/27/2021	Active	Yes
Current Condition:	Fair Condition - Commercial Seeding installed silt fence prior to the inspection on 7/27/21. Commercial Seeding repaired the silt fence prior to the inspection on 11/8/21. The silt fence needs to be repaired/replaced. Graves Development was informed to complete by 12/22/22. Not done as of the last inspection. Graves Development was reminded on 1/05/23 (CIR # 18229)				
SF 16	Silt Fence	O3-P5		Removed	
Current Condition:	Removed - Graves Development removed the silt fence prior to the inspection on 11/23/22.				
SF 17	Silt Fence	O5-P7	7/27/2021	Active	No
Current Condition:	Good Condition - Commercial Seeding installed silt fence prior to the inspection on 7/27/21. Commercial Seeding repaired the silt fence prior to the inspection on 11/8/21. Silt fence was partially removed for utility work prior to the inspection on 11/16/21. A portion of the silt fence was removed for sidewalk installation prior to the 4/27/22 inspection. Graves Development repaired the silt fence prior to the 12/08/22 inspection.				
SF 18	Silt Fence	T3	12/8/2022	Active	No
Current Condition:	Good Condition - Graves Development installed silt fence prior to the inspection on 12/8/22.				
SF 19	Silt Fence	AA9	12/8/2022	Active	No
Current Condition:	Good Condition - Graves Development installed silt fence prior to the inspection on 12/8/22.				
SF 20	Silt Fence	Z12	12/8/2022	Active	No
Current Condition:	Good Condition - Graves Development installed wattles prior to the inspection on 12/8/22.				
STR	Streets	On Site	10/31/2019	Active	Yes
Current Condition:	Fair Condition - Graves Development cleaned interior and exterior streets prior to the 10/05/22 inspection. Streets around active lots should be cleaned daily or as needed. D R Horton and Legacy Homes were informed to complete by 9/2/22. Not done as of last inspection. D R Horton and Legacy Homes were reminded on 9/8/22, 10/13/22, 12/2/22				
SWPPP Sign 01	SWPPP Signs	Adjacent to CE 1 (AA15)	10/31/2019	Active	No
Current Condition:	Good Condition - E&A inspector reinstalled the SWPPP sign near CE1 during the inspection on 10/22/20. Road work removed the SWPPP sign for grading prior to the inspection on 3/7/22. The E&A inspector reinstalled the SWPPP sign on the NW corner of Sunburst Dr and S 114th Ave prior to the 3/16/22 inspection.				
Phase 2					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	On Site	4/13/2022	Active	No
Current Condition:	Good Condition - 85% Effective - Ruff Grading installed the construction entrance prior to the 7/8/22 inspection. Tab Construction added rock and extended the construction entrance prior to the inspection on 11/23/22.				

CE 2	Construction Entrance	West end of Sunburst Drive		Removed	
Current Condition:	Removed - TAB removed the construction entrance prior to the 12/15/22 inspection.				
D 1	Diversion	A13 - E9	4/20/2022	Pending	No
Current Condition:	Pending - Ruff Grading will install the diversion as grading progresses. E&A inspector will continue to monitor.				
EM 1	Erosion Control Matting	South side of SB D	6/6/2022	Active	No
Current Condition:	Good Condition - Ruff Grading installed the matting prior to the 5/25/22 inspection. Existing vegetation has germinated and grown into the area to the southwest of SB D as of 9/27/22. E&A inspector will continue to monitor.				
ET 1	Erosion Control Terrace	K21 - O14	4/20/2022	Active	No
Current Condition:	Good Condition - Ruff Grading installed the terrace prior to the 5/26/22 inspection. The terrace was partially removed due to roadway grading prior to the 12/15/22 inspection, reinstallation is not recommended.				
ET 2	Erosion Control Terrace	Q21 - W11	4/20/2022	Active	No
Current Condition:	Good Condition - Ruff Grading installed the terrace prior to the 5/26/22 inspection. The terrace was partially removed due to roadway grading prior to the 12/15/22 inspection, reinstallation is not recommended.				
FT X	Fuel Tank	On Site	4/6/2022	Active	No
Current Condition:	Good Condition - Ruff Grading added two double-walled fuel tanks SE of 117th St and Sunburst Ave prior to 4/6/22 inspection. Ruff Grading removed the fuel tanks prior to the 4/13/22 inspection. Ruff Grading added a fuel tank and berm SE of 117th St and Sunburst Ave prior to the 4/21/22 inspection. Ruff Grading removed the fuel tank prior to the 6/1/22 inspection. Tab Construction installed a fuel tank prior to the 11/3/22 inspection. Tab Construction installed a plug in the fuel tank prior to the inspection on 11/23/22.				
MS 1	Material Storage	On Site	4/13/2022	Active	No
Current Condition:	Active - Ruff Grading will install a designated material storage area as needed. E&A inspector will continue to monitor. Ruff grading stored sanitary sewer pipes in phase II near CE 1 prior to the inspection on 10/5/22.				
PB X	Portable Bathroom	On Site	4/21/2022	Active	No
Current Condition:	Good Condition - Ruff Grading installed a portable toilet in Outlot G prior to the 4/21/22 inspection. Ruff Grading relocated and secured the portable toilet prior to the 6/23/22 inspection. Ruff Grading removed the portable toilet prior to the 7/8/22 inspection. Tab Construction installed a portable toilet near CE 1 prior to the 11/3/22 inspection.				
SB D (Phase II SB A)	Sediment Basin	Southeast corner of site	4/20/2022	Active	Yes
Current Condition:	Fair Condition - 25% Filled - Ruff Grading began excavating the basin prior to the 4/21/22 inspection. Ruff Grading began installing the riser and anti-seep collar prior to the 6/23/22 inspection. Ruff Grading will install the baffle during cleanout of the basin. The basin should be constructed per the SWPPP plan, including baffle. Ruff Grading was informed to complete by 4/28/22. Not done as of last inspection. Ruff Grading was reminded on 5/5/22, 6/2/22. Recommendations to install the baffle are suspended as of 7/14/22 until the basin is full.				
SF 1	Silt fence	Southeastern Perimeter	4/6/2022	Active	No
Current Condition:	Good Condition - Ruff Grading installed the silt fence prior to the 4/6/22 inspection. Ruff Grading repaired the silt fence and extended it along the eastern perimeter prior to the 5/26/22 inspection. Ruff Grading cleaned out and retrenched the silt fence prior to the 7/27/22 inspection. Tab Construction installed and repaired silt fence prior to the inspection on 12/8/22.				
SF 2	Silt fence	Southwest Perimeter	4/13/2022	Active	No
Current Condition:	Good Condition - Ruff Grading installed the silt fence prior to the 4/13/22 inspection.				
SF 3	Silt fence	Northwest Perimeter	4/13/2022	Active	Yes
Current Condition:	Fair Condition - Silt fence runs 12 and 13 from phase I were removed prior to the inspection on 12/8/22. Remaining silt fence is now attributable to SF 3 phase II as of the 12/8/22 inspection. The silt fence needs to be repaired. GDR was informed to complete by 12/22/22. Not done as of the last inspection.				
STR	Streets	On Site	4/6/2022	Active	No
Current Condition:	Good Condition - No major signs of track out onto Phase I during the most recent inspection. No paved streets or active lots in Phase II. Street recommendations moved to STR of Phase I as of 10/12/22. Tab Construction cleaned streets prior to the inspection on 12/2/22.				
WO 1	Concrete Washout	On Site	5/6/2022	Pending	No
Current Condition:	Pending - Ruff Grading will install the washout prior to paving.				
WS 1	Waste Storage	On Site	4/13/2022	Pending	No
Current Condition:	Pending - Ruff Grading will install a designated waste storage area as needed. E&A inspector will continue to monitor.				

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.
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Inspector Signature: 		Reviewed By: 
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