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

Fnaineerina Answers

Environmental Services Dept. N		ager Engineeri			
•		E&A- P2014.5	77.001		
Inspector: Matt Vanicek					Stage
Drainet Name			r High School ER115160		3
Project Name:					
For Week Ending:	147.1				
Project Location:	Waln	unty)	68662		
Grading:	100%				Τ
Sanitary Sewer:	100%				
Storm Sewer:	100%				
Paving:	100%				
Seeding: Utilities:	100% 100%				+
Overall Development:	100%		+		+
overan Boveropinent.	10070				1
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions		
Cundov	0.00"				Wee
Sunday: Monday	0.00"				1
Tuesday	0.00"				1
Wednesday	0.00"				1
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
S d a	0.00"				Wee
Sunday: Monday	0.00"				+
Tuesday	0.53"		1		+
Wednesday	0.00"				
Thursday	0.35"				
Friday	0.00"				
Saturday	0.00"				
					Wee
Sunday:	0.00"				
Monday	0.00" 0.45"		1		-
Tuesday Wednesday	0.45				
Thursday	0.00"		+		+
Friday	0.01"				
Saturday	0.01"				
					Wee
Sunday:	0.03"				
Monday	0.09"				
Tuesday	0.01"				
Wednesday	0.26"	10/3/2018	91/46 Thunderstorms		
Thursday	0.08"				
Friday	0.05"				
Saturday	0.00"				100
Sunday:	0.16"				Wee
Sunday: Monday	0.18"				+
Tuesday	1.41"				
Wednesday	0.01"				1
Thursday	0.00"	10/11/2018	51/30 Rain		
Friday	0.20"				
Saturday	0.00"				
	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?:

Grading is active (6/11/15) Phase 1 was compete prior to the 7/18/15 inspection. The grading of Phase 2 started prior to the 11/3/15 inspection. Grading of Phase 2 has been completed. Minor grading will be completed at a later date (3/7/16). BD Construction completed grading the parking lot (8/1/16)

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

Grading is active (6/11/15). Phase 1 was compete prior to the 7/18/15 inspection. The grading of Phase 2 started prior to the 11/3/15 inspection. Grading of Phase 2 has been completed. Minor grading will be completed at a later date (3/7/16). BD Construction completed grading the parking lot (8/1/16).

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

Existing Vegetation. The area West and East of the football field and track were seeded or sodded(11/3/15). Paving of the school addition has started (4/28/17). Parking lot islands and drainage easement along south side of football field stabilized (8/14/17). Area around the playground and basketball court on the east side of the school was sodded (8/30/17). River rock placed on parking lot islands around flared ends (12/4/17). **Hydroseeding along the south side and northwest corner of the site (10/3/18).** 

#### SUMMARY QUESTIONS:

Are approved entrances and adjacent streets being maintained adequately?

Yes

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

#### CHECKLIST QUESTIONS:

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

Yes

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

Yes

#### Comments:

#### Comments:

- 1.) Ralph Gladbach is now conducting site inspections and forwarding photos and site comments to E&A. No maintenance has been completed as of his last inspection. Seeding has been scheduled by the school superintendent for 5/21/18.
- 2.) Some additional minor grading and seeding has been completed as of 7/19/18, however heavy rains have caused additional erosion issues in all unstablized areas around the parking lot. Ralph Gladbeck is currently discussing issues with the school district and possible solutions. All remaining areas of the site were hydroseeded by a landscaping company hired by the school district prior to the inspection on 10/3/18.

## Findings / Corrective Actions (Date):

### Findings / Corrective Actions (Date):

- 1.) See BMP section for required maintenance.
- 2.) The area disturbed along the west end of the athletic field needs to be seeded and stabilized. BD Construction was informed to complete by 1/30/17. Not done as of last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17, 5/24/17, 6/28/17, 8/20/17, 9/18/17, 10/25/17. The school district was reminded on 7/19/18. All remaining areas of the site were hydroseeded by a landscaping company hired by the school district prior to the inspection on 10/3/18.
- 3.) The sediment that has deposited in the drainage way along the south side of the site needs to be cleaned up. BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17, 5/24/17, 6/28/17, 8/20/17, 9/18/17, 10/25/17. The school district was reminded on 7/19/18. The area was regraded and hydroseeded by a landscaping company hired by the school district prior to the inspection on 10/3/18.
- 4.) The area disturbed by utility work in the drainage way to the south of the site needs to be stabilized. BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17, 5/24/17, 6/28/17, 8/20/17, 9/18/17, 10/25/17. The school district was reminded on 7/19/18. All remaining areas of the site were hydroseeded by a landscaping company hired by the school district prior to the inspection on 10/3/18.
- 5.) Detention pond was completed and the area needs to be stabilized. Also a silt fence needs to be installed at the outlet pipe to prevent more runoff to ditch. BD Construction was informed to complete by 5/29/17. A piece of silt fence fabric was installed across the outlet pipe, but was not entrenched or secured. The pond was not stabilized as of the last inspection. BD Construction removed the silt fence from the outfall prior to the inspection on 6/14/17. BD Construction was informed to reinstall silt fence or a bale check at the outfall on 6/28/17 by 7/5/17. Not done as of the last inspection. BD Construction was reminded on 8/20/17, 9/18/17, 10/25/17. The school district was reminded on 7/19/18. The area appears to have naturally vegetated as of the inspection on 10/3/18.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance	
		Southwest of Football				
A1	Silt Fence	Field		Removed		
Current Condition:	Removed - BD	Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection.				
A2	Silt Fence	South of Football Field		Removed		
Current Condition:	Removed - The	Removed - The silt fence was removed due to paving in the area as of the 9/15/15 inspection.				
A3	Silt Fence	East of Football Field		Removed		
Current Condition:	Removed - BD	Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection.				
		Northwest of Football				
A4	Silt Fence	Field		Removed		
Current Condition:	Removed - The	Removed - The silt fence is no longer needed due to paving in the area as of the 9/15/15 inspection.				
A5	Silt Fence	West of Football Field		Removed		
Current Condition:	Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection.					

	<u> </u>		ı		
<b>A</b> 9	Silt Fence	Southeast side of site		Removed	
Current Condition:		silt fence was not need	led during construction.	1101110100	
			I		
A10	Silt Fence	Southeast side of site		Removed	
Current Condition:		Fence was removed du	e to flatness of area and ina	ctivity it will not be	re-installed at this
	time.				
A11	Silt Fence	South side of site	L	Removed	
Current Condition:			e to completion of parking lo		
	this time. BD ha	as been requested to ins	stall straw wattles in the drain	ning way in place of	removed slit tence.
		Southwest corner of	T	<u> </u>	
A12	Silt Fence	site		Removed	
Current Condition:			I lized by the school district pr		n on 7/19/18
- Garrone Condition	110	Southwest corner of	 		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A13	Silt Fence	site		Removed	
Current Condition:	Removed - The		lized by the school district pr	ior to the inspection	n on 7/19/18.
		South of existing			
A17	Inlet filter	building		Removed	
Current Condition:	Removed- Area	South of existing	pection on 5/22/17 by BD Co	nstruction.	
A18	Inlet filter	building		Removed	
Current Condition:			pection on 5/22/17 by BD Co		
		Between building on	1		
A19	Inlet filter	north side of the site		Removed	
Current Condition:	Removed - The		or to inspection on 11/14/16		
		Between building on			
A20	Inlet filter	north side of the site	lime d by the cabacidistrict or	Removed	7/10/10
Current Condition:	Removed - The	Between building on	lized by the school district pr	ior to the inspection	n on 7/19/18.
A21	Inlet filter	north side of the site		Removed	
Current Condition:			lized by the school district pr		n on 7/19/18.
		Between building on	l ·	'	
A22	Inlet filter	north side of the site		Removed	
Current Condition:			lized by the school district pr	ior to the inspection	n on 7/19/18.
	Construction			Damad	
B Current Condition:	Entrance	Field	I nanent entrance for school r	Removed	as of the 1/27/16
Current Condition.	inspection.	s chitanice is now a pen	nanchi chiranec for school i	maintenance crews	as of the 1/21/10
	Construction	South side of existing	I	1	
В 2	Entrance	parking lot		Removed	
Current Condition:			he entrance for paving purpo		spection on 6/14/17.
				·	·
	Construction				
В 3	Entrance	Southeast side of site			
Current Condition:		300theast side of site		Active	
Ourient Condition.	Removed - BD	Construction paved the	construction entrance prior		1/17.
		Construction paved the Southeast of Football		to inspection on 5/1	1/17.
C1	Inlet Protection	Construction paved the Southeast of Football Field		to inspection on 5/2	
	Inlet Protection Removed - This	Construction paved the Southeast of Football Field S BMP is being removed	from the report due to the i	to inspection on 5/2	
C1	Inlet Protection Removed - This	Construction paved the Southeast of Football Field s BMP is being removed of the 3/21/16 inspection	from the report due to the i	to inspection on 5/2	
C1 Current Condition:	Inlet Protection Removed - This the project as o	Construction paved the Southeast of Football Field S BMP is being removed of the 3/21/16 inspection Northeast of Football	from the report due to the i	to inspection on 5/*  Removed  nlet be located in a	
C1 Current Condition:	Inlet Protection Removed - This the project as o	Construction paved the Southeast of Football Field s BMP is being removed of the 3/21/16 inspection Northeast of Football Field	from the report due to the in	Removed nlet be located in a	completed area of
C1 Current Condition:	Inlet Protection Removed - This the project as o Inlet Protection Removed - This	Construction paved the Southeast of Football Field  BMP is being removed of the 3/21/16 inspection  Northeast of Football Field  BMP is being removed on the second of the	from the report due to the in	Removed nlet be located in a	completed area of
C1 Current Condition:	Inlet Protection Removed - This the project as o Inlet Protection Removed - This	Construction paved the Southeast of Football Field  BMP is being removed of the 3/21/16 inspection  Northeast of Football Field  BMP is being removed of the 3/21/16 inspection	from the report due to the in	Removed nlet be located in a	completed area of
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C1 Current Condition:  C2 Current Condition:	Inlet Protection Removed - This the project as o Inlet Protection Removed - This the project as o Bale Check	Construction paved the Southeast of Football Field  BMP is being removed of the 3/21/16 inspection  Northeast of Football Field  BMP is being removed of the 3/21/16 inspection  Northwest of Football Northwest of Football Field	from the report due to the in	Removed nlet be located in a  Removed nlet be located in a  Removed nlet be located in a	completed area of  completed area of
C1 Current Condition:  C2 Current Condition:  C3	Inlet Protection Removed - This the project as o Inlet Protection Removed - This the project as o Bale Check	Construction paved the Southeast of Football Field  BMP is being removed of the 3/21/16 inspection  Northeast of Football Field  BMP is being removed of the 3/21/16 inspection  Northwest of Football Northwest of Football Field	from the report due to the interest of the int	Removed nlet be located in a  Removed nlet be located in a  Removed nlet be located in a	completed area of  completed area of
C1 Current Condition:  C2 Current Condition:  C3 Current Condition:  C4	Inlet Protection Removed - This the project as o  Inlet Protection Removed - This the project as o  Bale Check Good Condition 5/15/18.  Bale Check	Construction paved the Southeast of Football Field  BMP is being removed of the 3/21/16 inspection  Northeast of Football Field  BMP is being removed of the 3/21/16 inspection  Northwest of Football Field  Northwest of Football Field  BD Construction insta	from the report due to the inc.  If from the report due to the inc.  5/15/2018  Solution and solution and solution are solution.	Removed nlet be located in a  Removed nlet be located in a  Removed nlet be located in a  Active straw wattle prior to	completed area of  completed area of  No the inspection on
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C1 Current Condition:  C2 Current Condition:  C3 Current Condition:  C4 Current Condition:  C5	Inlet Protection Removed - This the project as o  Inlet Protection Removed - This the project as o  Bale Check Good Condition 5/15/18.  Bale Check Removed - The Bale Check	Construction paved the Southeast of Football Field  BMP is being removed of the 3/21/16 inspection  Northeast of Football Field  BMP is being removed of the 3/21/16 inspection  Northwest of Football Field  Northwest of Football Field  BD Construction install  North of B2  School district removed Northwest of Football	from the report due to the inc.  If from the report due to the inc.  5/15/2018  For a silt fence check and so the straw wattle prior to the inc.	Removed nlet be located in a  Removed nlet be located in a  Removed nlet be located in a  Active straw wattle prior to  Removed inspection on 9/5/ Removed	completed area of  completed area of  No the inspection on
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Current Condition:	Removed - BD Construction removed the straw wattle due to completion of sodding/stabilization in the area as of the inspection on 8/30/17.					
	Concrete					
CW	Washout	On Site		Removed		
Current Condition:	Removed - Due to all major paving being completed a washout is no longer being recommended.					
STR	Streets	On site	In Place	Active	No	
Current Condition:	Good Condition - No major signs of track off.					
		Southwest of Football				
SWPPP Sign	SWPPP Sign	Field	7/1/2015	Active	No	
Current Condition:	Good Condition	- The inspector installe	d the SWPPP sign on 7/1/15	5.		
		Southeast Corners of				
Wattle Check 1	Straw Wattle	site		Removed		
Current Condition:	Removed - BD Construction removed the wattle prior to the inspection on 7/27/17.					
		North west corner of				
Wattle Check 2	Straw Wattle	site		Removed		
Current Condition:	Removed - BD Construction removed the straw wattle prior to the inspection on 11/7/17.					
Wattle Check 3	Straw Wattle	West of entrance B3		Removed		
Current Condition:	Removed - BD Construction removed the straw wattle prior to inspection on 5/22/17.					
Wattle 4	Straw Wattle	South side of site	10/3/2018	Active	No	
Current Condition:	Good Condition	- A landscaping compa	ny hired by the school distri	ct installed straw w	attles along the	
			areas prior to the inspection			
Inspector Signature:	ann			Reviewed By:	St Sie	