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E & A CONSULTING GROUP, INC.

Engineering Answers

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

E&A- P2014.577.001

Inspector: Sam Fletcher		Stage 2
Project Name:	Shelby High School NER115160	
For Week Ending:	4/9/2016	
Project Location:	Walnut St. and Washington St, Shelby, NE (Polk County)	68662

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	90%			
Seeding:	50%			
Utilities:	90%			
Overall Development:	60%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	
				Week 1
Sunday:	0.03"			
Monday	0.00"			
Tuesday	0.05"			
Wednesday	0.08"			
Thursday	0.03"			
Friday	0.04"			
Saturday	0.00"			
				Week 2
Sunday:	0.00"			
Monday	0.00"	04/04/16	59/35 sunny	
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				Week 3
Sunday:	N/A			
Monday	N/A			
Tuesday	N/A			
Wednesday	N/A			
Thursday	N/A			
Friday	N/A			
Saturday	N/A			

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?

Grading is active (6/11/15) Phase 1 was complete 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)

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 complete 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)

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

Existing Vegetation. The area West of the football field and track were seeded or sodded(11/3/15).

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:
Construction of the school building is active as of the last inspection.

Findings / Corrective Actions (Date):
Findings / Corrective Actions (Date):
1) See BMP section for required maintenance.
2) The fuel tank on site is in secondary containment as of the last inspection.
3) Clean out from a concrete truck needs to be cleaned up. BD Construction was informed to complete by 4/11/16.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
A1	Silt Fence	Southwest of Football Field		Removed	
Current Condition:	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 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 Construction removed the silt fence for final stabilization as of the 9/24/15 inspection.				
A4	Silt Fence	Northwest of Football Field		Removed	
Current Condition:	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.				
A10	Silt Fence	Southeast side of site	11/3/2015	Active	Yes
Current Condition:	Fair Condition - BD Construction retied the silt fence prior to the 3/21/16 inspection. The silt fence needs to be retied due to high winds. BD Construction was informed to complete by 3/28/16. Not done as of last inspection.				
A11	Silt Fence	South side of site	11/3/2015	Active	Yes
Current Condition:	Fair Condition - BD Construction retied the silt fence prior to the 3/21/16 inspection. The silt fence needs to be repaired where damaged. BD Construction was informed to complete by 3/28/16. Not done as of last inspection.				
A12	Silt Fence	Southwest corner of site	11/3/2015	Active	Yes
Current Condition:	Fair Condition - BD Construction retied the silt fence prior to the 3/21/16 inspection. The silt fence needs to be retied due to high winds. BD Construction was informed to complete by 3/28/16. Not done as of last inspection.				
A13	Silt Fence	Southwest corner of site	11/3/2015	Active	Yes
Current Condition:	Fair Condition - BD Construction repaired the damaged section of silt fence prior to the 4/4/16 inspection. The silt fence needs to be retied due to high winds. BD Construction was informed to complete by 3/28/16. Not done as of last inspection.				
A17	Inlet filter	South of existing building	3/21/2016	Active	No
Current Condition:	Good Condition - BD Construction installed the inlets prior to the 3/21/16 inspection. The inlets are above grade so no BMP protection is needed at this time.				

A18	Inlet filter	South of existing building	3/21/2016	Active	No
Current Condition:	Good Condition - BD Construction installed the silt fence around the inlet prior to the 4/4/16 inspection.				
A19	Inlet filter	Between building on north side of the site	3/7/2016	Active	No
Current Condition:	Good Condition - BD Construction installed the inlets prior to the 3/7/16 inspection. The inlets are above grade so no BMP protection is needed at this time. The gutters from the existing building is emptying into the inlet as of the 3/21/16 inspection.				
A20	Inlet filter	Between building on north side of the site	3/7/2016	Active	No
Current Condition:	Good Condition - BD Construction installed the inlets prior to the 3/7/16 inspection. The inlets are above grade so no BMP protection is needed at this time.				
A21	Inlet filter	Between building on north side of the site	3/7/2016	Active	No
Current Condition:	Good Condition - The inlet is at grade as of the 3/21/16 inspection. The gutters from the existing building is emptying into the inlet as of the 3/21/16 inspection. So silt fence will not be installed over the inlet.				
B	Construction Entrance	Southwest of Football Field		Removed	
Current Condition:	Removed - This entrance is now a permanent entrance for school maintenance crews as of the 1/27/16 inspection.				
B 2	Construction Entrance	South side of existing parking lot	3/7/2016	Active	No
Current Condition:	Good Condition - 85% effective. BD Construction installed the rock entrance prior to the 3/7/16 inspection.				
B 3	Construction Entrance	Southeast side of site	11/3/2015	Active	No
Current Condition:	Good Condition - 80% effective. BD Construction added rock to the entrance prior to the 3/7/16 inspection.				
C1	Inlet Protection	Southeast of Football Field		Removed	
Current Condition:	Removed - This BMP is being removed from the report due to the inlet be located in a completed area of the project as of the 3/21/16 inspection.				
C2	Inlet Protection	Northeast of Football Field		Removed	
Current Condition:	Removed - This BMP is being removed from the report due to the inlet be located in a completed area of the project as of the 3/21/16 inspection.				
C3	Inlet Protection	Northwest of Football Field		Removed	
Current Condition:	Removed - This BMP is being removed from the report due to the inlet be located in a completed area of the project as of the 3/21/16 inspection.				
C7	Bale Check	East property line	3/21/2016	Active	No
Current Condition:	Good Condition - BD Construction installed the bale check prior to the 3/21/16 inspection.				
CW	Concrete Washout	On Site	4/11/2016	Pending	Yes
Current Condition:	Pending A concrete washout needs to be installed. BD Construction was informed to complete by 4/11/16.				
STR	Streets	On site	In Place	Active	No
Current Condition:	Good Condition - No major signs of track off.				
SWPPP Sign	SWPPP Sign	Southwest of Football Field	7/1/2015	Active	No
Current Condition:	Good Condition - The inspector installed the SWPPP sign on 7/1/15.				
Wattle Check 1	Straw Wattle	Southeast Corners of site	6/11/2015	Active	No
Current Condition:	Good Condition - BD Construction installed the wattle prior to the 6/11/15 inspection.				
Wattle Check 2	Straw Wattle	North west corner of site	11/18/2015	Active	No
Current Condition:	Good Condition - BD Construction backfilled the wattle prior to the 12/1/15 inspection.				
Inspector Signature:				Reviewed By:	