

E & A Consulting Group, Inc.
 10909 Mill Valley Road, Suite 100
 Omaha, NE 68154
 tel 402.895.4700
 fax 402.895.3599
 www.eacg.com



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Engineering Answers

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

E&A - P2019.247.003

Inspector: Joe Manning		Stage
Project Name:	Lot 55 Cedar Hollow Mall CSW-201904209	
For Week Ending:	10/24/2020	
Project Location:	23902 Cedar Hollow Mall - Waterloo, NE (Douglas County)	68069

Grading:	95%			
Sanitary Sewer:	0%			
Storm Sewer:	0%			
Paving:	100%			
Seeding:	45%			
Utilities:	1%			
Overall Development:	50%			

RAIN FALL AMOUNTS	Amount in inches	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.00"				
Monday	0.34"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.11"	10/18/20	Cloudy 44/35	3:40 PM	
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.05"				
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:

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 has begun on Lot 55 Cedar Hollow Mall (5/21/20). Fine grading throughout site (8/24/20).

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 has begun on Lot 55 Cedar Hollow Mall (5/21/20). Fine grading throughout site (8/24/20).

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

Existing perimeter vegetation (5/21/20). Seeding and matting installed north of the building, at the stub road on the west side, and at the curb cut on the south side (9/09/20). Seeding in the west and southeast portion of the site (9/23/20).

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.					
No					
Create Corrective Action?					
No - See BMP Section.					
Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?					
Yes					
Create Corrective Action?					
N/A					
Are 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:					
The site was inactive for building construction during the current inspection.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date):					
1. See BMP section for required maintenance.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	Cedar Hollow Mall		Removed	
Current Condition:	Removed - Nelson Hill Contracting paved the construction entrance prior to the inspection on 8/10/20.				
CW 1	Concrete Washout	Southeast side of lot	5/21/2020	Active	No
Current Condition:	Good Condition - Nelson Hill Contracting installed concrete washout pools prior to the inspection on 6/19/20.				
ECM 1	Erosion Control Matting	North side of the lot	9/9/2020	Active	No
Current Condition:	Good Condition - Nelson Hill Contracting installed erosion control matting north of the building prior to the inspection on 9/09/20.				
ECM 2	Erosion Control Matting	West side of the lot	9/9/2020	Active	No
Current Condition:	Good Condition - Nelson Hill Contracting installed erosion control matting west of the building at the stub road prior to the inspection on 9/09/20.				
ECM 3	Erosion Control Matting	Southwest side of the lot	9/9/2020	Active	No
Current Condition:	Good Condition - Nelson Hill Contracting installed erosion control matting along the pavement on the south side of the lot prior to the inspection on 9/09/20.				
ECM 4	Erosion Control Matting	South side of the lot	9/9/2020	Active	No
Current Condition:	Good Condition - Nelson Hill Contracting installed erosion control matting at the curb cut on the south side of the lot prior to the inspection on 9/09/20.				
PT	Portable Toilet	East of CE1	6/10/2020	Active	No
Current Condition:	Good Condition - Nelson Hill Contracting installed and secured a portable toilet on the site prior to the inspection on 6/10/20.				
SF #1	Silt Fence	Southeast corner	5/21/2020	Active	No
Current Condition:	Good Condition - Nelson Hill Contracting installed the silt fence prior to the inspection on 5/21/20. Nelson Hill Contracting repaired the silt fence prior to the inspection on 8/24/20.				
SF #2	Silt Fence	South of CE 1		Removed	
Current Condition:	Removed - Nelson Hill Contracting removed the silt fence prior to the inspection on 9/23/20. Due to stabilization in the area, the silt fence will no longer be recommended.				
SF #3	Silt Fence	South side of the lot		Removed	
Current Condition:	Removed - Due to stabilization in the area, the silt fence will no longer be recommended.				
SF #4	Silt Fence	Southwest corner	5/21/2020	Active	Yes

Current Condition:	Fair Condition - Nelson Hill Contracting installed the silt fence prior to the inspection on 5/21/20. The silt fence should be repaired or removed. Nelson Hill Contracting was informed to complete by 9/16/20. Not done as of the last inspection. Nelson Hill Contracting was reminded on 9/23/20.				
SF #5	Silt Fence	North side of the lot	5/21/2020	Pending	No
Current Condition:	Pending - Silt fence is not needed at this time due to the grade of the lot. E&A will monitor.				
SF #6	Silt Fence	North side of the lot	5/21/2020	Pending	No
Current Condition:	Pending - Silt fence is not needed at this time due to the grade of the lot. E&A will monitor.				
SF #7	Silt Fence	Northeast corner	5/21/2020	Pending	No
Current Condition:	Pending - Silt fence is not needed at this time due to the grade of the lot. E&A will monitor.				
STR	Street cleaning	Off-Site	In Place	Active	No
Current Condition:	Good Condition - Nelson Hill Contracting cleaned the street prior to the inspection on 9/04/20.				
SW #1	Straw Wattle	Northeast side of the lot	5/21/2020	Pending	Yes
Current Condition:	Pending - Nelson Hill Contracting installed the straw wattle perpendicular to the plan prior to the inspection on 6/01/20. Nelson Hill Contracting installed the rest of the straw wattle prior to the inspection on 6/10/20. Nelson Hill Contracting removed the straw wattle in preparation for site stabilization prior to the inspection on 8/24/20. The lot should be stabilized or the straw wattle should be reinstalled. Nelson Hill Contracting was informed to complete by 9/11/20. Not done as of the last inspection. Nelson Hill Contracting was reminded on 9/11/20, 9/23/20				
SW #2	Straw Wattle	East side of the lot	5/21/2020	Pending	Yes
Current Condition:	Pending - Nelson Hill Contracting installed the straw wattle perpendicular to the plan prior to the inspection on 6/01/20. Nelson Hill Contracting installed the rest of the straw wattle prior to the inspection on 6/10/20. Nelson Hill Contracting removed the straw wattle in preparation for site stabilization prior to the inspection on 8/24/20. The lot should be stabilized or the straw wattle should be reinstalled. Nelson Hill Contracting was informed to complete by 9/11/20. Not done as of the last inspection. Nelson Hill Contracting was reminded on 9/11/20, 9/23/20				
SW #3	Straw Wattle	Southeast corner of the lot	5/21/2020	Pending	Yes
Current Condition:	Pending - Nelson Hill Contracting installed the straw wattle perpendicular to the plan prior to the inspection on 6/01/20. Nelson Hill Contracting installed the rest of the straw wattle prior to the inspection on 6/10/20. Nelson Hill Contracting removed the straw wattle in preparation for site stabilization prior to the inspection on 8/24/20. The lot should be stabilized or the straw wattle should be reinstalled. Nelson Hill Contracting was informed to complete by 9/11/20. Not done as of the last inspection. Nelson Hill Contracting was reminded on 9/11/20, 9/23/20				
SW #4	Straw Wattle	West side of the lot	9/9/2020	Active	No
Current Condition:	Good Condition - Nelson Hill Contracting installed straw wattles along the stub road on the west side of the lot prior to the inspection on 9/09/20.				
SW #5	Straw Wattle	South side of the lot	9/9/2020	Active	No
Current Condition:	Good Condition - Nelson Hill Contracting installed a straw wattle at the curb cut on the south side of the lot prior to the inspection on 9/09/20.				
SWPPP Sign	Signs	Southeast corner of the lot	5/21/2020	Pending	No
Current Condition:	Pending - E&A inspector installed SWPPP sign during the inspection on 7/01/20. E&A inspector removed the SWPPP sign prior to the 8/24/20 inspection in preparation for site stabilization. E&A inspector will reinstall if necessary.				
Inspector Signature:			Reviewed By: 