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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	2
For Week Ending:	8/8/2020	
Project Location:	23902 Cedar Hollow Mall - Waterloo, NE (Douglas County)	68069

Grading:	95%			
Sanitary Sewer:	0%			
Storm Sewer:	0%			
Paving:	0%			
Seeding:	0%			
Utilities:	1%			
Overall Development:	37%			

RAIN FALL AMOUNTS	Amount in inches	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	0.40"				
Monday	0.00"	07/27/20	Mostly Sunny 88/64	12:45 PM	
Tuesday	0.00"				
Wednesday	0.02"				
Thursday	0.42"				
Friday	0.00"				
Saturday	0.11"				
					Week 2
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.18"				
Thursday	0.29"				
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).

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).

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

Existing perimeter vegetation (5/21/20).

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.					
Yes					
Create Corrective Action?					
N/A					
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?					
No					
Create Corrective Action?					
See BMPs Section					
Is dust associated with the construction activity adequately controlled on the site?					
Yes					
Create Corrective Action?					
N/A					
Comments:					
Comments: The site was active 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	5/21/2020	Active	Yes
Current Condition:	Poor Condition - 0% effective - Nelson Hill Contracting installed the rock entrance prior to the inspection on 5/21/20. Nelson Hill Contracting added rock to the construction entrance prior to the inspection on 6/10/20. Nelson Hill Contracting removed the construction entrance prior to the inspection on 7/27/20 in preparation for paving. The lot entrance should be paved or the entrance should be stabilized. Nelson Hill Contracting was informed to complete by 8/03/20.				
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.				
PT	Portable Toilet	East of CE1	6/10/2020	Active	No
Current Condition:	Active - 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	Yes
Current Condition:	Fair Condition - Nelson Hill Contracting installed the silt fence prior to the inspection on 5/21/20. 1.) The silt fence is loose at the west end of the run and should be repaired. 2.) The east portion of the run should be reinstalled where damaged and removed. 1.) Nelson Hill Contracting was informed to complete by 5/28/20. Not done as of the last inspection. Nelson Hill Contracting was reminded on 7/02/20, 7/28/20 2.) Nelson Hill Contracting was informed to complete by 8/03/20.				
SF #2	Silt Fence	South of CE 1	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 is loose at the east end of the run and should be repaired. Nelson Hill Contracting was informed to complete by 5/21/20. Not done as of the last inspection. Nelson Hill Contracting was reminded on 7/02/20, 7/28/20				

SF #3	Silt Fence	South side of the lot	5/21/2020	Active	No
Current Condition:	Good Condition - Nelson Hill Contracting installed the silt fence prior to the inspection on 5/21/20.				
SF #4	Silt Fence	Southwest 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.				
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	Yes
Current Condition:	<p>Fair Condition -</p> <p>The street in front of the lot should be cleaned.</p> <p>Nelson Hill Contracting was informed to complete by 5/28/20. Not done as of the last inspection. Nelson Hill Contracting was reminded on 7/02/20, 7/28/20</p>				
SW #1	Straw Wattle	Northeast side of the lot	5/21/2020	Active	Yes
Current Condition:	<p>Fair Condition - 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.</p> <p>The straw wattle should be cleaned out where full.</p> <p>Nelson Hill Contracting was informed to complete by 8/03/20.</p>				
SW #2	Straw Wattle	East side of the lot	5/21/2020	Active	Yes
Current Condition:	<p>Fair Condition - 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.</p> <p>The straw wattle should be cleaned out where full.</p> <p>Nelson Hill Contracting was informed to complete by 8/03/20.</p>				
SW #3	Straw Wattle	Southeast corner of the lot	5/21/2020	Active	Yes
Current Condition:	<p>Fair Condition - 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.</p> <p>The straw wattle should be repositioned and cleaned out where removed and full.</p> <p>Nelson Hill Contracting was informed to complete by 8/03/20</p>				
SWPPP Sign	Signs	Southeast corner of the lot	5/21/2020	Active	No
Current Condition:	Good Condition - E&A inspector installed SWPPP sign during the inspection on 7/01/20.				
Inspector Signature:			Reviewed By: 