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Engineering Answers

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

E&A- P2021.374.004

Inspector: Ethan Anderson		Stage
Project Name:	The Grove Apartments CSW-202207157	1
For Week Ending:	1/4/2025	68508
Project Location:	S Folsom St & SW Amaranth Ln - Lincoln, NE (Lancaster County)	

Grading:	50%			
Sanitary Sewer:	40%			
Storm Sewer:	30%			
Paving:	45%			
Seeding:	0%			
Utilities:	5%			
Overall Development:	15%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	Storm Event Duration
					Week 1
Sunday	0.00"				
Monday	0.37"				11:54 - 23:54
Tuesday	0.01"	12/31/2024	Cloudy 37/30	3:00 PM	
Wednesday	0.00"	1/1/2025	Sunny 41/23	10:45 AM	
Thursday	0.00"				
Friday	0.00"				
Saturday	0.07"				

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 began (10/11/23). Storm and sanitary installation began (2/21/24). Water installation began (5/1/24). Grading for pavement began (6/19/24).

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 began (10/11/23). Storm and sanitary installation began (2/21/24). Water installation began (5/1/24). Grading for pavement began (6/19/24).

What temporary or permanent stabilization measures listed in this section are being implemented?
 Existing vegetation (10/11/23).

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?

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:					
Comments: 1.) E&A began site inspections on 10/11/2023. 2.) Site was active for building construction and grading during the most recent inspection.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date): 1.) No maintenance is required in the BMP section.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 01	Construction Entrance	Northwest Corner of Site		Removed	
Current Condition:	Removed - Edward Rose paved the entrance prior to the inspection 7/24/24.				
CE 02	Construction Entrance	Southeast Corner of Site	3/27/2024	Active	No
Current Condition:	Good Condition - 80% effective - Edward Rose installed a construction entrance prior to the inspection on 3/27/24.				
CE 03	Construction Entrance	Southeast Corner of Site		Removed	
Current Condition:	Removed - Edward Rose paved the entrance prior to the inspection 9/25/24.				
FT 01	Fuel Tank	On Site	12/13/2023	Pending	No
Current Condition:	Pending - Edward Rose installed a mobile fuel tanker with secondary containment on site prior to the inspection on 12/13/23. Edward Rose removed the fuel tanker and installed a fuel tank with secondary containment prior to the inspection on 2/21/24. Edward Rose installed a secondary fuel tank with secondary containment prior to the inspection on 3/13/24. Edward Rose removed the secondary fuel tank prior to the inspection on 3/27/24. E&A inspector will monitor.				
IP 01 - 02	Inlet Protection	Southeast Quadrant of SWPPP	3/27/2024	Active	No
Current Condition:	Good Condition - Edward Rose installed inlet protection on inlet 2 prior to the inspection on 3/27/24. IP 02 was damaged prior to the inspection on 5/29/24. Edward Rose repaired IP 02 prior to the inspection on 6/5/24.				
IP 03 - 14	Inlet Protection	Southwest Quadrant of SWPPP	3/4/2024	Active	No
Current Condition:	Good Condition - Edward Rose installed IP 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, and 14 prior to the 3/4/24 inspection. Edward Rose installed IP 5 prior to the inspection on 5/15/24. Edward Rose cleaned off all of the inlets prior to the inspection on 6/12/24. Edward Rose installed silt fence around inlets 3,5,6,9,10,11,12,13, and 14 prior to the inspection on 6/12/24. Edward Rose cleaned and installed silt fence around IP 4 prior to the inspection on 9/25/24.				
IP 15 - 17	Inlet Protection	Northwest Quadrant of SWPPP	3/13/2024	Active	No
Current Condition:	Good Condition - Edward Rose installed protection on inlet 17 prior to the inspection on 3/13/24. Edward Rose installed inlet protection on inlet 15 and 16 prior to the inspection on 4/24/24. Edward Rose installed silt fence around inlets 15,16, and 17 prior to the inspection on 6/12/24.				
IP 18 - 26	Inlet Protection	Southeast Quadrant of SWPPP	11/11/2023	Pending	No
Current Condition:	Pending- Inlet protection will be installed once paving is done, or when the inlet is at grade.				
IP 27 - 35	Inlet Protection	Northeast Quadrant of SWPPP	2/28/2024	Active	No
Current Condition:	Good Condition - Edward Rose installed protection on inlet 34 prior to the inspection on 2/28/24. Edward Rose installed protection on inlets 31, 32, and 33 prior to the inspection on 3/6/24. Edward Rose installed IP 35 prior to the inspection on 4/3/24. Edward Rose installed silt fence around inlets 33 and 35 prior to the inspection on 6/12/24.				
IP 36 - 37	Inlet Protection	Southeast Quadrant of SWPPP	4/24/2024	Pending	No
Current Condition:	Pending - Edward Rose installed protection on inlet 36 prior to the inspection on 4/24/24. Edward Rose removed the protection from inlet 36 prior to the inspection on 6/5/24. The inlet is currently above grade. E&A inspector will continue to monitor.				
IP 38 - 39	Inlet Protection	Northeast Quadrant of SWPPP	4/3/2024	Active	No
Current Condition:	Good Condition - Edward Rose installed IP 38 and 39 prior to the inspection on 4/3/24. Edward Rose installed silt fence around inlets 38 and 39 prior to the inspection on 6/12/24.				
IP 40 - 45	Inlet Protection	Northwest Quadrant of SWPPP	3/6/2024	Active	No
Current Condition:	Good Condition - Edward Rose installed protection on inlet 41 prior to the inspection on 3/6/24. Edward Rose installed protection on inlet 42, 44, and prior to the inspection on 3/13/24. Edward Rose installed IP 40 prior to the inspection on 4/3/24. Edward Rose installed IP 43 prior to the inspection on 6/5/24. Edward Rose installed inlet 45 prior to the inspection on 6/5/24. The inlet is above grade and does not need protection at this time. Edward Rose installed silt fence around inlets 40-45 prior to the inspection on 6/12/24.				
MS 01	Material Storage	On Site	2/21/2024	Active	No
Current Condition:	Good Condition - Edward Rose began storing storm, sanitary, and water line materials on site prior to the inspection on 2/21/24.				
PM 01	Erosion Control Matting	Northeast Quadrant of SWPPP	11/11/2023	Pending	No
Current Condition:	Pending - Matting will be installed after final grade is established.				
PM 02	Erosion Control Matting	Northern Perimeter	11/11/2023	Pending	No

Current Condition:	Pending - Matting will be installed after final grade is established.				
PM 03	Erosion Control Matting	Northeast Quadrant of SWPPP	11/11/2023	Pending	No
Current Condition:	Pending - Matting will be installed after final grade is established.				
PM 04	Erosion Control Matting	Northwest Quadrant of SWPPP	11/11/2023	Pending	No
Current Condition:	Pending - Matting will be installed after final grade is established.				
PT 01	Portable Toilet	On Site	10/11/2023	Active	No
Current Condition:	Good Condition - Edward Rose installed a portable toilet on site prior to the inspection on 10/11/23. Edward Rose installed and staked down two additional portable toilets prior to the inspection on 2/28/24. Edward Rose removed one of the portable toilets prior to the inspection on 4/24/24. Edward Rose installed and secured an additional portable toilet prior to the inspection on 10/2/24. Edward Rose moved and secured the portable toilet near CE 3 prior to the inspection on 10/9/24.				
SF 01 - 10	Silt Fence	Northwest Quadrant of SWPPP		Removed	
Current Condition:	Removed - Silt fences 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10 will not be installed due to paving in the areas prior to the inspection on 10/9/24.				
SF 9b - 14	Silt Fence	Northeast Quadrant of SWPPP		Removed	
Current Condition:	Removed - Silt fences 9b, 10, 11, 12, 13 and 14 will not be installed due to paving in the areas prior to the inspection on 10/9/24.				
SF 15	Silt Fence	Perimeter Silt Fence	10/11/2023	Active	No
Current Condition:	Good Condition - Edward Rose installed silt fence along the majority of the north and eastern perimeter prior to the inspection on 10/11/23. Edward Rose was in the process of installing silt fence along the eastern and southern perimeter during the inspection on 10/25/23. Edward Rose installed the silt fence along the eastern and southern perimeter prior to the inspection on 11/1/23. Portions of the silt fence were observed to be damaged during the inspection on 1/31/24. Edward Rose repaired the silt fence prior to the inspection on 2/21/24. Edward Rose repaired the silt fence where damaged prior to the inspection on 3/13/24. E&A inspector spoke with Jeff Moquin on 4/2/24 to discuss silt fence repair that will be taken care of very soon. Edward Rose repaired the silt fence damaged by sanitary installation and the silt fence along the south side of the site prior to the inspection on 4/10/24. Edward Rose removed part of the silt fence along the southern portion of the site for a curb cut prior to the inspection on 5/8/24. Edward Rose re-installed the silt fence along the southern portion of the site prior to the inspection on 5/15/24. Edward Rose repaired the silt fence in the north east corner of the site prior to the inspection on 5/15/24. Portions of the silt fence were down during the inspection on 5/22/24. Silt fence will be removed once weather allows for paving. Therefore, no maintenance is recommended. Edward Rose repaired the silt fence prior to the inspection on 6/12/24. Edward Rose repaired the silt fence prior to the inspection on 6/26/24. Edward Rose repaired the silt fence prior to the inspection on 7/10/24. Edward Rose repaired the silt fence prior to the inspection on 8/7/24. Edward Rose installed an additional section of silt fence near IP 33 prior to the inspection on 10/9/24. Edward Rose installed and repaired the silt fence in the sections that were affected by the sidewalk installation prior to the inspection on 10/23/24.				
SF 16 - 24	Silt Fence	Southeast Quadrant of SWPPP	11/11/2023	Pending	No
Current Condition:	Pending - Silt fence will be installed once grading starts in the area.				
SF 25 - 30	Silt Fence	Southwest Quadrant of SWPPP		Removed	
Current Condition:	Removed - Silt fences 25, 26, 27, 28, 29 and 30 will not be installed due to paving in the areas prior to the inspection on 10/9/24.				
STR	Streets	ADJ and Internal Streets	10/11/2023	Active	No
Current Condition:	Good Condition - There was no sign of track off during the inspection on 10/11/23. Minor track out was observed during the inspection on 11/29/23. Edward Rose cleaned up the minor track out prior to the inspection on 12/6/23. Edward Rose cleaned the streets prior to the inspection on 4/3/24. Edward Rose cleaned the adjacent streets prior to the inspection on 5/8/24. Minor track out was observed during the inspection on 5/15/24. The streets were clean prior to the 5/22/24 inspection.				
SW 01	Straw Wattle	See SWPPP	5/22/2024	Active	No
Current Condition:	Good Condition - Edward Rose installed a temporary wattle in the north east corner of the site prior to the inspection on 5/22/24. Edward Rose installed temporary silt fence checks prior to the inspection on 5/29/24. Edward Rose repaired the silt fence prior to the inspection on 9/11/24.				
SWPPP Sign	SWPPP Signs	ADJ to CE 01	10/11/2023	Active	No
Current Condition:	Good Condition - E&A inspector installed a SWPPP sign prior to the inspection on 10/11/23. Edward Rose reinstalled the SWPPP sign prior to the inspection on 7/31/24.				
WO 01	Concrete Washout	On Site	11/11/2023	Active	No
Current Condition:	Good Condition - Edward Rose installed a lined washout pit on site prior to the inspection on 8/14/24. Edward Rose cleaned up and removed concrete waste outside of the washout prior to the inspection on 10/9/24. Edward Rose cleaned up and moved the concrete washout to the center of the site prior to the inspection on 10/16/24.				
WS 01	Waste Storage Area	On Site	3/6/2024	Active	No
Current Condition:	Good Condition - K2 Construction installed a dumpster on site prior to the inspection on 3/6/24.				
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."				
Inspector Signature:			Reviewed By:		