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

Engineering Answers

		E&A- P	2020.091.000		
Inspector: Joe Manning					Stage
Project Name:	OMA	1			
For Week Ending:		68007			
Project Location:	168th				
Grading:	99%				
Sanitary Sewer:	55%				
Storm Sewer:	5%				
Paving:	0%				
Seeding:	35%				
Utilities:	0%				
Overall Development:	20%				
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					Week
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"	1/19/2022	Partly Sunny 25/3	4:20 PM	
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
Complaints:	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?

Ground disturbance associated with tree clearing at the 171st Street and Reynolds Street Crossings (4/2/2021). Ground disturbance associated with tree clearing along State Street (4/13/2021). Mass grading began in DEV A, DEV NT3, and the south portion of DEV NT2 (7/07/2021). Mass grading throughout the entire site. Mass grading for Reynolds Street and N 170th Street crossings (10/06/2021). Disking in the north half of the site (12/02/2021). Surcharge removal in the north portion of the site. Storm sewer installation (12/08/2021). Disking along the southwest portion of the site. Grading for N 170th Street crossing (12/16/21). Grading at Reynolds Street crossing (12/29/2021). Construction of box culvert at N 170th Street crossing (12/29/2021).

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

Ground disturbance associated with tree clearing at the 171st Street and Reynolds Street Crossings (4/2/2021). Ground disturbance associated with tree clearing along State Street (4/13/2021). Mass grading began in DEV A, DEV NT3, and the south portion of DEV NT2 (7/07/2021). Mass grading throughout the entire site. Mass grading for Reynolds Street and N 170th Street crossings (10/06/2021). Disking in the north half of the site (12/02/2021). Surcharge removal in the north portion of the site. Storm sewer installation (12/08/2021). Disking along the southwest portion of the site. Grading for N 170th Street crossing (12/16/2021). Grading at Reynolds Street crossing (12/29/2021). Construction of box culvert at N 170th Street crossing (12/29/2021).

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

Existing vegetation (4/2/2021). Seeding and matting along the north side of the site, the western slopes along SB A, and the northeastern slopes (12/08/2021).

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?

No

Create Corrective Action?

No - See BMP Section.

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?

No

Create Corrective Action?

No - See BMP Section.

Are construction entrances and adjacent streets being maintained adequately?

No Create Corrective Action? No - See BMP Section. Is dust associated with the construction activity adequately controlled on the site? Yes
Create Corrective Action? N/A

Comments:

Comments:

Site was active for box culvert installation during the current inspection.

Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):

- 1.) Some maintenance is required in the BMP section.
 2.) CIR #15492 was received, reviewed, and sent to JC Excavation, Gene Graves, and Tab Construction on 12/03/21.
 -Per CIR #15492 dirt spoils in the seeding and matting along N 168th St. should be removed. JC Excavation and Gene Graves were informed to complete by
- 12/10/21. Not done as of the last inspection. JC Excavation and Gene Graves were reminded on 12/09/21

Unique Name	Туре	Location	Projected Install Date	Status	Maintenance		
CE 1	Construction Entrance	V11		Removed			
Current Condition:	Removed - JC Excavation g			the inspection on 10/13/21.			
CE 2	Construction Entrance	S2	2/23/2021	Pending	No		
Current Condition:				prior to 2/23/21. Gene Graves a			
	·	the construction entrance prior to the inspection on 6/08/21. JC Excavation blocked the construction entrance prior to the inspection					
	on 10/13/21. E&A inspector will monitor and make recommendations if the entrances is used at a later date.						
CE 3	Construction Entrance	T27	9/21/2021	Active	Yes		
Current Condition:	Poor Condition - 55% effecti added additional rock prior t			trance prior to the inspection on	9/21/21. JC Excavation		
	1.) 2" rock should be added 2.) Per City inspector, a line	r should be installed u	under the construction en				
	1.) JC Excavation and Gene Graves were informed to complete by 9/28/21. Not completed as of 09/28/21 inspection. JC Excav was reminded on 10/04/21 (CIR #15132), 10/14/21, 11/03/21, 11/17/21 (CIR #15429), 11/24/21, 12/03/21 (CIR #15492), 12/09/22.) JC Excavation and Gene Graves were informed to complete by 11/30/21. Not done as of the last inspection. JC Excavation Gene Graves were reminded on 12/03/21 (CIR #15492), 12/09/21						
D 1	Diversion	O3 - U2	11/16/2021	Active	Yes		
Current Condition:				ior to the inspection on 11/16/21	Location of diversion was		
	misidentified. As of 11/23/21, diversion is located at O3 to U2. The diversion was partially removed by disking prior to the inspection on 12/02/21. The diversion should be redefined into the basin. JC Excavation and Gene Graves were informed to complete by 12/15/21. Not done as of the last inspection.						
	JC Excavation and Gene Gr	aves were informed t	o complete by 12/15/21.	Not done as of the last inspection	III.		
D 2 Current Condition:	Diversion Fair Condition - JC Excavati	J18 - S27 on installed the diver	9/28/2021 sion prior to the inspection	Active n on 10/25/21. JC Excavation re	Yes edefined the diversion prior		
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FT 2	Fuel Tank	On-site		Removed		
Current Condition:	Removed - Valley Corp rem					
FT 3	Fuel Tank	On-site	11/23/2021	Active	Yes	
Current Condition:	Fair Condition - Tab Construction placed a double-walled fuel tank on site prior to the inspection on 11/23/21. Per CIR #15492, a berm should be built around the fuel tank. Tab Construction was informed to complete by 12/10/21. Not done as of the last inspection.					
FT 4	Fuel Tank	On-site		Removed		
Current Condition:	Removed - Tab Construction					
MS 01	Material Storage	On Site	5/1/2021	Pending	No	
Current Condition:	Pending - The material stor		s necessary.			
PB 01	Portable Bathroom	On Site	L	Removed		
Current Condition:	Removed - JC Excavation r		toilet prior to the inspect			
PB 02	Portable Bathroom	On Site		Removed		
Current Condition:	Removed - Tab Construction					
PB 03	Portable Bathroom	On Site	12/29/2021	Active	No	
Current Condition:				to the inspection on 12/29/21.		
SB A Current Condition:	Sediment Basin	E9	7/14/2021	Active the inspection on 10/06/21. E&A	Yes	
	process of installing the riser during the inspection on 11/23/21. JC Excavation installed the outfall pipe prior to the inspection on 12/02/21. The E&A inspector painted the cleanout mark during the inspection on 12/08/21. Gene Graves installed an inlet pipe into the basin prior to the inspection on 12/08/21. The basin should be installed per the SWPPP (including the emergency spillway). JC Excavation and Gene Graves were informed to complete by 7/14/21. Not done as of the last inspection. JC Excavation and Gene Graves were reminded on 8/06/21, 8/26/21, 9/02/21, 9/23/21, 10/04/21 (CIR #15132), 10/14/21, 11/01/21, 11/03/21, 11/17/21 (CIR					
				511(#15152), 10/14/21, 11/01/21,	11/00/21, 11/11/21 (011)	
SB B	#15429), 11/24/21, 12/03/2 Sediment Basin	<mark>1 (CIR #15492), 12/09</mark> O3	9/28/2021	Active	Yes	
SB B Current Condition:	#15429), 11/24/21, 12/03/2 Sediment Basin Fair Condition - 5% full - JC along the berm of the basin inspection on 11/23/21. JC cleanout mark during the in riser prior to the inspection The basin should be installed JC Excavation and Gene G	O3 C Excavation shaped to prior to the inspection Excavation installed to spection on 12/08/21. On 12/16/21. JC Excaved per the SWPPP (increase were informed to the spection on 12/16/21.	9/28/2021 9/28/2021 ne basin prior to the inspan on 11/03/21. JC Excavate outfall pipe prior to the JC Excavation and Gerivation fully built up the built of the cluding the emergency so complete by 9/28/21.	Active pection on 10/25/21. JC Excavation was in the process of install the inspection on 12/02/21. The E8 pec Graves partially built up the low perm prior to the inspection on 12/04/21.	Yes on repaired the erosion ling the riser during the A inspector painted the spot in the berm near the (21/21.	
	#15429), 11/24/21, 12/03/2 Sediment Basin Fair Condition - 5% full - JC along the berm of the basin inspection on 11/23/21. JC cleanout mark during the in riser prior to the inspection The basin should be installed JC Excavation and Gene Greminded on 10/04/21 (CIR	O3 C Excavation shaped to prior to the inspection Excavation installed to spection on 12/08/21. On 12/16/21. JC Excaved per the SWPPP (increase were informed to the spection on 12/16/21.	9/28/2021 9/28/2021 ne basin prior to the inspan on 11/03/21. JC Excavate outfall pipe prior to the JC Excavation and Gerivation fully built up the built of the cluding the emergency so complete by 9/28/21.	Active pection on 10/25/21. JC Excavation was in the process of install the inspection on 12/02/21. The E8 are Graves partially built up the low perm prior to the inspection on 12/05/21 perillway). Not completed as of 09/30/21 inspection on 10/25/21 i	Yes on repaired the erosion ling the riser during the A inspector painted the spot in the berm near the (21/21.	
Current Condition:	#15429), 11/24/21, 12/03/2 Sediment Basin Fair Condition - 5% full - JC along the berm of the basin inspection on 11/23/21. JC cleanout mark during the in riser prior to the inspection The basin should be installed JC Excavation and Gene Greminded on 10/04/21 (CIR 12/09/21) Silt Fence Fair Condition - JC Excavation cleaned out the silt fence professed the Reynolds Street crossing the silt fence should be 2.) The silt fence should be 2.) The silt fence along the 1.) JC Excavation and Gene Graves were reminded #15132), 10/14/21, 11/03/2 2.) JC Excavation and Gene Graves were reminded #15429), 11/24/21, 12/03/2 3.) JC Excavation and Gene Graves were reminded #15429), 11/24/21, 12/03/2 3.) JC Excavation and Gene	O3 C Excavation shaped to prior to the inspection on 12/08/21, on 12/16/21. JC Excavation installed to sispection on 12/08/21. On 12/16/21. JC Excavation the inspection on 12/16/21. JC Excavation 12/16/21. JC Excavation to 12/16/21. JC Excavation installed the silt ferior to the inspection of the inspection of the inspection of the inspection of the Excavation 12/16/21. JC Excavation 12/	9/28/2021 9/28/2021 ne basin prior to the inspan on 11/03/21. JC Excave in on 10/13/21. JC Excave in 10/13/21. J1/01/21. JC Excave in 10/13/21. JC Ex	Active Dection on 10/25/21. JC Excavation was in the process of install its inspection on 12/02/21. The E& are Graves partially built up the low berm prior to the inspection on 12/05/21/21. The E& are Graves partially built up the low berm prior to the inspection on 12/05/21/21/21/21/21/21/21/21/21/21/21/21/21/	Yes on repaired the erosion ing the riser during the A inspector painted the A spot in the berm near the 21/21. Dection. JC Excavation was 3/21 (CIR #15492), Yes I Gene Graves partially t fence along the south side and cleanout. In multiple locations. In multiple locations. In the culvert. Idion. JC Excavation and In the culvert.	
Current Condition: SF 1	#15429), 11/24/21, 12/03/2 Sediment Basin Fair Condition - 5% full - JC along the berm of the basin inspection on 11/23/21. JC cleanout mark during the in riser prior to the inspection The basin should be installed JC Excavation and Gene Greminded on 10/04/21 (CIR 12/09/21 Silt Fence Fair Condition - JC Excavaticleaned out the silt fence prof the Reynolds Street cross 1.) The silt fence should be 2.) The silt fence along the 1. JC Excavation and Gene Graves were reminde #15132), 10/14/21, 11/03/2 2.) JC Excavation and Gene Gene Graves were reminde #15429), 11/24/21, 12/03/2	O3 C Excavation shaped to prior to the inspection on 12/08/21, on 12/16/21. JC Excavation installed to sispection on 12/08/21. On 12/16/21. JC Excavation the inspection on 12/16/21. JC Excavation 12/16/21. JC Excavation to 12/16/21. JC Excavation installed the silt ferror to the inspection of the inspection of the inspection of the inspection of the Excavation 12/16/21. JC Excavation 12/	9/28/2021 9/28/2021 ne basin prior to the inspan on 11/03/21. JC Excave in on 10/13/21. JC Excave in 10/13/21. J1/01/21. JC Excave in 10/13/21. JC Ex	Active Dection on 10/25/21. JC Excavation was in the process of install its inspection on 12/02/21. The E& are Graves partially built up the low berm prior to the inspection on 12/05/21/21. The E& are Graves partially built up the low berm prior to the inspection on 12/05/21/21/21/21/21/21/21/21/21/21/21/21/21/	Yes on repaired the erosion ing the riser during the A inspector painted the A spot in the berm near the 21/21. Dection. JC Excavation was 3/21 (CIR #15492), Yes I Gene Graves partially t fence along the south side and cleanout. In multiple locations. In multiple locations. In the culvert. Idion. JC Excavation and In the culvert.	

Current Condition: Fair Condition - JC Excavation installed the silt fence prior to the inspection on 4/27/21. JC Excavation and Gene Graves partially cleaned out the silt fence prior to the inspection on 10/13/21. JC Excavation and Gene Graves installed silt fence along the south side of the N 170th Street crossing and the north side of the Reynolds Street crossing prior to the inspection on 10/25/21. The silt fence along the south side of the N 170th Street crossing was further damaged in the process of box culvert installation prior to the inspection on 1/19/22. Due to active work in the area and freezing conditions, E&A inspector will monitor and update recommendations as necessary. 1.) The silt fence should be repaired where damaged during cleanout. 2.) The silt fence should be fully cleaned out and repaired where full and blown out in multiple locations. 3.) The silt fence on the southwest side of the N 170th Street crossing should be backfilled and extended over the culvert and repaired where damaged. 4.) The silt fence along the north side of the Reynolds Street crossing should be cleaned out where full and extended over the culvert. 1.) JC Excavation and Gene Graves were informed to complete by 8/31/21. Not done as of the last inspection. JC Excavation and Gene Graves was reminded on 9/02/21, 9/23/21, 10/04/21 (CIR #15132), 10/14/21, 11/03/21, 11/17/21 (CIR #15429), 11/24/21, 12/03/21 (CIR #15492), 12/09/21 2.) JC Excavation and Gene Graves was informed to complete by 9/07/21. Not done as of last inspection. JC Excavation and Gene Graves were reminded on 9/23/21, 10/04/21 (CIR #15132), 10/14/21, 11/03/21, 11/17/21 (CIR #15429), 11/24/21, 12/03/21 (CIR #15492), 12/09/21 3.) JC Excavation and Gene Graves were informed to complete by 11/10/21. Not done as of the last inspection. JC Excavation and Gene Graves were reminded on 11/17/21 (CIR #15429), 11/24/21, 12/03/21 (CIR #15492), 12/09/21 4.) JC Excavation and Gene Graves were informed to complete by 11/10/21. Not done as of the last inspection. JC Excavation and Gene Graves were reminded on 11/17/21 (CIR #15429), 11/24/21, 12/03/21 (CIR #15492), 12/09/21 SF 3 Silt Fence M6 - R2 4/27/2021 Active **Current Condition:** Fair Condition - Legacy Homes installed the silt fence prior to E&A's first inspection on 2/23/21. JC Excavation was in the process of repairing/reinstalling the silt fence during the inspection on 4/21/21. JC Excavation repaired, backfilled, and cleaned out the silt fence prior to the inspection on 4/27/21. Silt fence was formerly identified as SF 5. JC Excavation and Gene Graves installed silt fence along the north side of the N 170th Street crossing prior to the inspection on 10/25/21. JC Excavation and Gene Graves reinstalled/extended the silt fence south from the SB B outfall to the N 170th Street crossing prior to the inspection on 12/08/21. Spoils were observed in the silt fence south of SB B during the inspection on 12/16/21. The silt fence along the north side of the N 170th Street crossing was further damaged in the process of box culvert installation prior to the inspection on 1/19/22. Due to active work in the area and freezing conditions, E&A inspector will monitor and update recommendations as necessary. 1.) The silt fence should be trenched in and backfilled along the north side and northwest corner of the site. 2.) J-hooks should be installed along the silt fence on the north side of the site. 3.) The silt fence should be cleaned out northwest of SB B. 4.) The silt fence should be reinstalled east along the north side of the site. 5.) The silt fence on the north side of the N 170th Street crossing should be backfilled and extended over the culvert and repaired where damaged. 1.) JC Excavation and Gene Graves were informed to complete by 5/17/21. Not done as of the last inspection. JC Excavation and Gene Graves were reminded on 5/20/21, 6/22/21, 6/30/21, 7/09/21, 8/06/21, 8/26/21, 9/02/21, 9/23/21, 10/04/21 (CIR #15132), 10/14/21, 11/03/21, 11/17/21 (CIR #15429), 11/24/21, 12/09/21 2.) JC Excavation and Gene Graves were informed to complete by 5/25/21. Not done as of the last inspection. JC Excavation and Gene Graves were reminded on 6/22/21, 6/30/21, 7/09/21, 8/06/21, 8/26/21, 9/02/21, 9/23/21, 10/04/21 (CIR #15132), 10/14/21, 11/03/21, 11/17/21 (CIR #15429), 11/24/21, 12/09/21 3.) JC Excavation and Gene Graves were informed to complete by 11/10/21. Not done as of the last inspection. JC Excavation and Gene Graves were reminded on 11/17/21 (CIR #15429), 11/24/21, 12/03/21 (CIR #15492), 12/09/21 4.) JC Excavation and Gene Graves were informed to complete by 11/10/21. Not done as of the last inspection. JC Excavation and Gene Graves were reminded on 11/17/21 (CIR #15429), 11/24/21, 12/03/21 (CIR #15492), 12/09/21 5.) JC Excavation and Gene Graves were informed to complete by 11/10/21. Not done as of the last inspection. JC Excavation and Gene Graves were reminded on 11/17/21 (CIR #15429), 11/24/21, 12/03/21 (CIR #15492), 12/09/21 Silt Fence M6 - R2 Removed Removed - JC Excavation removed the northern half of the silt fence fabric prior to the inspection on 10/06/21. JC Excavation **Current Condition:** removed the remainder of the silt fence fabric prior to the inspection on 11/11/21. Silt Fence M6 - N3 Removed Removed - Silt fence identified as SF 3 as of 4/27/21 **Current Condition:** Silt Fence Removed H19 Removed - JC Excavation removed the silt fence on both sides of the creek prior to the inspection on 10/06/21 **Current Condition:** Silt Fence K6 Removed Removed - JC Excavation removed the silt fence on both sides of the creek prior to the inspection on 10/06/21. **Current Condition**: SF8 Silt Fence R2 Removed Removed - JC Excavation removed the silt fence prior to the inspection on 10/06/21 **Current Condition:** On Site 4/2/2021 Active **Current Condition:** Good Condition - State Street was cleaned prior to the inspection on 6/01/21. Minor trackout was observed on N 170th Street during the inspection on 1/05/22. E&A inspector will monitor and make recommendations as necessary. SWPPP Sign SWPPP Signs Adjacent to CE 3 4/21/2021 Active Good Condition - E&A inspector installed the SWPPP sign during the inspection on 4/21/21. E&A inspector moved the SWPPP sign **Current Condition:** to CE 3 during the inspection on 12/02/21. WO 01 Concrete Washout On Site 1/19/2022 Active No Current Condition: Good Condition - JC Excavation and Gene Graves installed a concrete washout on site prior to the inspection on 4/21/21. Gene Graves removed the concrete washout prior to the inspection on 6/29/21. JC Excavation removed the concrete washout and waste on the north side of the site prior to the inspection on 10/06/21. Tab Construction placed two portable concrete washouts on site prior to the inspection on 1/19/22. WS 01 Waste Storage Area On Site 5/1/2021 Pending No **Current Condition:** Pending - The waste storage area will be installed as necessary.

	with a system designed to a inquiry of the person or pers information submitted is, to t	r, that this document and all attachments were sure that qualified personnel properly gathere ons who manage the system or those persons the best of my knowledge and belief, true, acces information including the possibility of fines a	ed and evaluated the informat directly responsible for gathe urate, and complete. I am awa	ion submitted. Based on my ering the information, the are that there are significant
Inspector Signature:	Je lin		Reviewed By:	Sto Sur