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**E & A CONSULTING GROUP, INC.**

*Engineering Answers*

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

Inspector: Aaron Tulley	E&A - P2018.109.002	Stage
	<b>Gallery 23 East</b>	
Project Name:	<b>CSW-201702253 (Mass Grading)</b> <b>CSW-210802622 (Intersection Improv-Pending)</b> <b>CSW-201802623 (Water Main Improvements)</b> <b>CSW-201802624 (East Lift Station)</b>	2
For Week Ending:	<b>10/13/2018</b>	
Project Location:	County Road U and Lincoln Highway- Fremont, NE (Dodge County)	<b>68025</b>

	Gallery 23 East	Water Main Project	Lift Station & Force Main	Intersection Impr.
Grading:	80%	30%	99%	0%
Sanitary Sewer:	55%	N/A	99%	0%
Storm Sewer:	0%	N/A	N/A	0%
Paving:	0%	N/A	N/A	0%
Seeding:	0%	N/A	80%	0%
Utilities:	0%	N/A	N/A	0%
Overall Development:	20%	25%	95%	0%

RAIN FALL AMOUNTS	Amount in inches	Date inspected	Weather Conditions	
				<b>Week 1</b>
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.67"	9/25/2018	Thunderstorms 66/47	
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.03"			
Saturday	0.02"			
				<b>Week 2</b>
Sunday:	0.17"			
Monday	0.20"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.02"			
Friday	0.04"			
Saturday	0.00"			
				<b>Week 3</b>
Sunday:	0.16"			
Monday	0.00"			
Tuesday	0.50"	10/9/2018	Rain 54/47	
Wednesday	0.01"			
Thursday	0.00"			
Friday	0.06"			
Saturday	0.00"			

**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 Gallery 23 East project in Phases I, II, and III (8/2017). Major cessation of grading has occurred on Gallery 23 East project and minor grading will occur on Gallery 23 East (8/30/2018).

Lift Station and Sanitary Force Main grading/excavation began (7/23/2018). Minor grading to be completed at a later date.

Water improvements **grading/excavation has begun (10/9/18). Road 25 around project is being demolished by water improvement project. No BMPs are needed at this time. E&A will monitor.**

Highway 30 intersection improvements have not begun (8/30/2018).

**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 Gallery 23 East project in Phases I, II, and III (8/2017). Major cessation of grading has occurred on Gallery 23 East project and minor grading will occur on Gallery 23 East (8/30/2018).

Lift Station and Sanitary Force Main grading/excavation began (7/23/2018). Minor grading to be completed at a later date.

Water improvements **grading/excavation has begun (10/9/18). Road 25 around project is being demolished by water improvement project. No BMPs are needed at this time. E&A will monitor.**

Highway 30 intersection improvements have not begun (8/30/2018).

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

Existing vegetation (8/30/2018). **Seeding and matting in ditch for sanitary lift main (9/19/18).**

**Summary Questions:**

**Are approved entrances and adjacent streets being maintained adequately?**

No, See BMP Section

**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:**

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The site was active during the last inspection for the Gallery 23 East project. Interior sanitary work is occurring by Thompson and major grading activities have ceased with the Gallery 23 East project by Pruss Excavation.

Lift Station and Sanitary Force Main projects are nearing completion. Work is occurring on the southeast intersection of County Road U and the project. County Road U Blvd and East 16th Street ditches will be stabilized in the coming weeks as of 8/30/2018. E&A will continue to monitor. Street ditches were seeded and matted prior to inspection on 9/19/18.

Water Improvements project **has begun** as of last inspection.

Highway 30 intersection improvements project has not been transferred to E&A Consulting Group, Inc. for inspections or construction observation. E&A will continue to monitor and update when more permitting information is known.

**Findings / Corrective Actions (Date):**

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1. See BMP section for required maintenance.
2. Diesel fuel tanks need to be bermed on site as of 8/30/2018. Pruss Excavation will be informed to complete by 9/6/2018. Not done as of last inspection. **Thompson Construction was informed to complete by 10/16/18.**
3. Two additional fuel tanks were stored in secondary containment as of the inspection on 8/30/2018. E&A will continue to monitor. One of secondary fuel containers on E side of lake needs to install a plug. Thompson Construction will be informed to complete by 9/12/18. Not done as of last inspection. **Thompson Construction was reminded on 10/9/18.**

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
<b>Gallery 23 East</b>					
CE 1	Construction Entrance	County Road Blvd U	8/30/2018	Active	Yes
<b>Current Condition:</b>	Fair Condition - <b>25%</b> effective. <b>Pruss is off site as of 10/8/18.</b> More rock needs to be added to the entrance. Pruss Excavation will be informed to complete on 8/30/2018. Not done as of last inspection. <b>Thompson Construction was informed to complete by 10/16/18.</b>				
CE 2	Construction Entrance	County Road 25/Highway 30	8/30/2018	Active	No
<b>Current Condition:</b>	Good Condition - <b>75%</b> effective - Rock entrance was installed off Highway 30 prior to 8/30/2018.				
CP #1	Culvert protection	Central portion of site	8/30/2018	Pending	No
<b>Current Condition:</b>	Pending - Culvert protection will be installed at a later date.				
CP #2	Culvert protection	Southeast corner	8/30/2018	Pending	No

<b>Current Condition:</b>	Pending - Culvert protection will be installed at a later date.				
CW	Concrete Washout	Gallery 23 East	8/30/2018	Pending	No
<b>Current Condition:</b>	Pending - Washouts will be installed once paving begins.				
DW #1	Ditch Wattle Checks	Middle Central	8/30/2018	Pending	No
<b>Current Condition:</b>	Pending - Ditch wattle checks will be installed when grading has ended.				
DW #2	Ditch Wattle Checks	Southwest corner	8/30/2018	Pending	No
<b>Current Condition:</b>	Pending - Ditch wattle checks will be installed when grading has ended.				
DW #3	Ditch Wattle Checks	Southeast corner	8/30/2018	Active	No
<b>Current Condition:</b>	Good Condition - Wattles checks were installed on the southeast side prior to 8/30/2018.				
DD #1	Diversion Ditch	NW Corner of Lake		Active	
<b>Current Condition:</b>	Removed - Thompson Construction removed the diversion ditch prior to inspection on 9/19/18.				
DD #2	Diversion Ditch	W side of Lake		Active	
<b>Current Condition:</b>	Removed - Thompson Construction removed the diversion ditch prior to inspection on 9/19/18.				
DD #3	Diversion Ditch	SW corner of lake		Active	
<b>Current Condition:</b>	Removed - Thompson Construction removed the diversion ditch prior to inspection on 9/19/18.				
DD #4	Diversion Ditch	S Side of lake		Active	
<b>Current Condition:</b>	Removed - Thompson Construction removed the diversion ditch prior to inspection on 9/19/18.				
DD #5	Diversion Ditch	E side of lake		Active	
<b>Current Condition:</b>	Removed - Thompson Construction removed the diversion ditch prior to inspection on 9/19/18.				
DD #6	Diversion Ditch	NE corner of lake	8/30/2018	Active	Yes
Current Condition:	<p>Fair Condition -</p> <p>Silt fence/<b>straw bale</b> checks should be added to ditch <b>if the ditch is to be used long term</b></p> <p>Thompson Construction will be informed to complete by 9/12/18. Not done as of last inspection. <b>Thompson Construction was informed to complete by 10/16/18.</b></p>				
DD #7	Diversion Ditch	N side of lake	9/25/2018	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition -</p> <p>Silt fence/<b>Straw bale</b> checks should be added to ditch if ditch is to be used long term</p> <p>Thompson Construction will be informed to complete by 10/2/18. Not done as of last inspection. <b>Thompson Construction was informed to complete by 10/16/18.</b></p>				
EB #2	Erosion Blanket	Northeast corner	8/30/2018	Pending	No
<b>Current Condition:</b>	Pending - Erosion control matting and seeding will be installed when grading has ended.				
EB #3	Erosion Blanket	Around Lake (Outlot B)	8/30/2018	Pending	No
<b>Current Condition:</b>	Pending - Erosion control matting and seeding will be installed when grading has ended.				
SB #1	Sediment Basin	Central portion of site	8/30/2018	Pending	No
<b>Current Condition:</b>	Pending - Basin will be installed once grading has commenced at a later date.				
SB #2	Sediment Basin	Southeast corner	8/30/2018	Pending	No
<b>Current Condition:</b>	Pending - Basin will be installed once grading has commenced at a later date.				
SF #1	Silt Fence	Southeast corner	8/30/2018	Pending	No
<b>Current Condition:</b>	Pending - Silt Fence will be installed at a later date.				
SF #2	Silt Fence	Northeast corner	8/30/2018	Pending	No
<b>Current Condition:</b>	Pending - Silt Fence will be installed at a later date.				
STR	Street cleaning	Off-Site	In Place	Active	No
<b>Current Condition:</b>	Good Condition - No signs of trackout.				
SWPPP Sign-SI	Signs	2 Entrances	10/9/2018	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition - <b>Inspector installed 1 of 2 SWPPP signs during inspection on 10/9/18</b></p> <p><b>SWPPP sign is needed at construction entrance off County Rd U Blvd</b></p> <p><b>E&amp;A Inspector will install during next inspection by 10/16/18</b></p>				
<b>Sanitary Lift Station and Force Main</b>					
CE 1	Construction Entrance	County Road Blvd U		Removed	
<b>Current Condition:</b>	Removed - See CE1 for Gallery 23 project as of 8/30/2018.				
CW	Concrete Washout	County Road Blvd U		Removed	

<b>Current Condition:</b>	Removed - See CW for Gallery 23 project as of 8/30/2018. No concrete is being poured for the sanitary lift project.				
DC #1	Ditch Wattle Checks	Sheet C-603	9/13/2018	Active	No
<b>Current Condition:</b>	Good Condition - Ditch wattle checks were installed prior to inspection on 9/19/18				
DC #2	Ditch Wattle Checks	Sheet C-604	9/13/2018	Active	No
<b>Current Condition:</b>	Good Condition - Ditch wattle checks were installed prior to inspection on 9/19/18				
DC #3	Ditch Wattle Checks	Sheet C-605	9/13/2018	Active	No
<b>Current Condition:</b>	Good Condition - Ditch wattle checks were installed prior to inspection on 9/19/18				
DC #4	Ditch Wattle Checks	Sheet C-606	9/13/2018	Active	No
<b>Current Condition:</b>	Good Condition - Ditch wattle checks were installed prior to inspection on 9/19/18				
EB #1	Erosion Blanket	Along ditch between Rd 25 and lift station	9/13/2018	Active	No
<b>Current Condition:</b>	Good Condition - Erosion control blanket was installed prior to inspection on 9/19/18				
EB #2	Erosion Blanket	Along ditch W of 25 E of Hwy 275	9/13/2018	Active	No
<b>Current Condition:</b>	Good Condition - Erosion control blanket was installed prior to inspection on 9/19/18				
<b>EB #3</b>	<b>Erosion Blanket</b>	<b>E of Roundabout</b>	<b>9/25/2018</b>	<b>Active</b>	<b>No</b>
<b>Current Condition:</b>	<b>Good Condition - Erosion control blanket was installed prior to inspection on 9/25/18</b>				
STR	Street cleaning	Off-Site	In Place	Active	No
<b>Current Condition:</b>	Good Condition - No signs of trackout.				
SWPPP Sign-SI	Signs	2 Entrances		Removed	
<b>Current Condition:</b>	Removed - See SWPPP signs under Gallery 23 East project				
<b>Water Main Extension</b>					
CW	Concrete Washout	County Road Blvd U	10/4/2018	Pending	No
<b>Current Condition:</b>	Pending - Washouts will be installed when work occurs.				
SF #1	Silt Fence	Area #1		Removed	
<b>Current Condition:</b>	<b>Removed - There is no silt fence in this area, see IP 1 and IP 2 for BMPs in Area #1</b>				
IP 1	Inlet Protection	N side of 24th St (Enlarged Area #1)	10/16/2018	Pending	Yes
<b>Current Condition:</b>	<b>Pending -</b> <b>Inlet protection should be installed</b> <b>H.R. Bookstrom Construction was informed to complete by 10/16/18</b>				
IP 2	Inlet Protection	S side of 24th St (Enlarged Area #1)	10/16/2018	Pending	Yes
<b>Current Condition:</b>	<b>Pending -</b> <b>Inlet protection should be installed</b> <b>H.R. Bookstrom Construction was informed to complete by 10/16/18</b>				
SF #2	Silt Fence	Area #2	10/4/2018	Pending	No
<b>Current Condition:</b>	Pending - Silt fence will be installed when grading begins.				
SF #3	Silt Fence	Area #3	10/4/2018	Pending	No
<b>Current Condition:</b>	Pending - Silt fence will be installed when grading begins.				
SF #4	Silt Fence	Area #4	10/4/2018	Pending	No
<b>Current Condition:</b>	Pending - Silt fence will be installed when grading begins.				
SF #5	Silt Fence	Area #5	10/4/2018	Pending	No
<b>Current Condition:</b>	Pending - Silt fence will be installed when grading begins.				
SF #6	Silt Fence	Area #6	10/4/2018	Pending	No
<b>Current Condition:</b>	Pending - Silt fence will be installed when grading begins.				
STR	Street cleaning	Off-Site	In Place	Active	<b>Yes</b>
<b>Current Condition:</b>	<b>Fair Condition -</b> <b>Streets should be cleaned at 24th St</b> <b>H.R. Bookstrom Construction was informed to complete by 10/10/18</b>				
SWPPP Sign-SI	Signs	2 Entrances		Removed	
<b>Current Condition:</b>	Removed - See SWPPP signs under Gallery 23 East project				
<b>Inspector Signature:</b>			<b>Reviewed By:</b> 		