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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
	Gallery 23 East	
Project Name:	CSW-201702253 (Mass Grading) CSW-210802622 (Intersection Improv-Pending) CSW-201802623 (Water Main Improvements) CSW-201802624 (East Lift Station)	2
For Week Ending:	9/22/2018	
Project Location:	County Road U and Lincoln Highway- Fremont, NE (Dodge County)	68025

	Gallery 23 East	Water Main Project	Lift Station & Force Main	Intersection Impr.
Grading:	80%	0%	99%	0%
Sanitary Sewer:	40%	N/A	99%	0%
Storm Sewer:	0%	N/A	N/A	0%
Paving:	0%	N/A	N/A	0%
Seeding:	0%	N/A	60%	0%
Utilities:	0%	N/A	N/A	0%
Overall Development:	20%	0%	90%	0%

RAIN FALL AMOUNTS	Amount in inches	Date inspected	Weather Conditions	
				Week 1
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				Week 2
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.40"	9/19/2018	Partly Sunny 91/67	
Thursday	0.44"			
Friday	0.00"			
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 and 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 and 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)																																																																																																																																			
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 not 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.																																																																																																																																			
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.																																																																																																																																			
4. County Road U Blvd and East 16th Street need to be stabilized pending completion of the sanitary lift project as of 8/30/2018. E&A will monitor and update contractor. (See BMP sections). Ditches were stabilized prior to inspection on 9/19/18.																																																																																																																																			
<table border="1"> <thead> <tr> <th>Unique Name</th> <th>Type</th> <th>Location</th> <th>Projected Install Date</th> <th>Status</th> <th>Maintenance</th> </tr> </thead> <tbody> <tr> <td colspan="6" style="text-align: center;">Gallery 23 East</td> </tr> <tr> <td>CE 1</td> <td>Construction Entrance</td> <td>County Road Blvd U</td> <td>8/30/2018</td> <td>Active</td> <td>Yes</td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Fair Condition - 20% effective 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.</td> </tr> <tr> <td>CE 2</td> <td>Construction Entrance</td> <td>County Road 25/Highway 30</td> <td>8/30/2018</td> <td>Active</td> <td>No</td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Good Condition - 85% effective -Rock entrance was installed off Highway 30 prior to 8/30/2018.</td> </tr> <tr> <td>CP #1</td> <td>Culvert protection</td> <td>Central portion of site</td> <td>8/30/2018</td> <td>Pending</td> <td>No</td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Pending - Culvert protection will be installed at a later date.</td> </tr> <tr> <td>CP #2</td> <td>Culvert protection</td> <td>Southeast corner</td> <td>8/30/2018</td> <td>Pending</td> <td>No</td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Pending - Culvert protection will be installed at a later date.</td> </tr> <tr> <td>CW</td> <td>Concrete Washout</td> <td>Gallery 23 East</td> <td>8/30/2018</td> <td>Pending</td> <td>No</td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Pending - Washouts will be installed once paving begins.</td> </tr> <tr> <td>DW #1</td> <td>Ditch Wattle Checks</td> <td>Middle Central</td> <td>8/30/2018</td> <td>Pending</td> <td>No</td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Pending - Ditch wattle checks will be installed when grading has ended.</td> </tr> <tr> <td>DW #2</td> <td>Ditch Wattle Checks</td> <td>Southwest corner</td> <td>8/30/2018</td> <td>Pending</td> <td>No</td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Pending - Ditch wattle checks will be installed when grading has ended.</td> </tr> <tr> <td>DW #3</td> <td>Ditch Wattle Checks</td> <td>Southeast corner</td> <td>8/30/2018</td> <td>Active</td> <td>No</td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Good Condition - Wattles checks were installed on the southeast side prior to 8/30/2018.</td> </tr> <tr> <td>DD #1</td> <td>Diversion Ditch</td> <td>NW Corner of Lake</td> <td></td> <td>Active</td> <td></td> </tr> <tr> <td>Current Condition:</td> <td colspan="5">Removed - Thompson Construction removed the diversion ditch prior to inspection on 9/19/18.</td> </tr> <tr> <td>DD #2</td> <td>Diversion Ditch</td> <td>W side of Lake</td> <td></td> <td>Active</td> <td></td> </tr> </tbody> </table>						Unique Name	Type	Location	Projected Install Date	Status	Maintenance	Gallery 23 East						CE 1	Construction Entrance	County Road Blvd U	8/30/2018	Active	Yes	Current Condition:	Fair Condition - 20% effective 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.					CE 2	Construction Entrance	County Road 25/Highway 30	8/30/2018	Active	No	Current Condition:	Good Condition - 85% 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	Current Condition:	Pending - Culvert protection will be installed at a later date.					CP #2	Culvert protection	Southeast corner	8/30/2018	Pending	No	Current Condition:	Pending - Culvert protection will be installed at a later date.					CW	Concrete Washout	Gallery 23 East	8/30/2018	Pending	No	Current Condition:	Pending - Washouts will be installed once paving begins.					DW #1	Ditch Wattle Checks	Middle Central	8/30/2018	Pending	No	Current Condition:	Pending - Ditch wattle checks will be installed when grading has ended.					DW #2	Ditch Wattle Checks	Southwest corner	8/30/2018	Pending	No	Current Condition:	Pending - Ditch wattle checks will be installed when grading has ended.					DW #3	Ditch Wattle Checks	Southeast corner	8/30/2018	Active	No	Current Condition:	Good Condition - Wattles checks were installed on the southeast side prior to 8/30/2018.					DD #1	Diversion Ditch	NW Corner of Lake		Active		Current Condition:	Removed - Thompson Construction removed the diversion ditch prior to inspection on 9/19/18.					DD #2	Diversion Ditch	W side of Lake		Active	
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Current Condition:	Removed - Thompson Construction removed the diversion ditch prior to inspection on 9/19/18.				
DD #3	Diversion Ditch	SW corner of lake		Active	
Current Condition:	Removed - Thompson Construction removed the diversion ditch prior to inspection on 9/19/18.				
DD #4	Diversion Ditch	S Side of lake		Active	
Current Condition:	Removed - Thompson Construction removed the diversion ditch prior to inspection on 9/19/18.				
DD #5	Diversion Ditch	E side of lake		Active	
Current Condition:	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:	Fair Condition - Silt fence checks should be added to ditch Thompson Construction will be informed to complete by 9/12/18. Not done as of last inspection.				
EB #2	Erosion Blanket	Northeast corner	8/30/2018	Pending	No
Current Condition:	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
Current Condition:	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
Current Condition:	Pending - Basin will be installed once grading has commenced at a later date.				
SB #2	Sediment Basin	Southeast corner	8/30/2018	Pending	No
Current Condition:	Pending - Basin will be installed once grading has commenced at a later date.				
SF #1	Silt Fence	Southeast corner	8/30/2018	Pending	No
Current Condition:	Pending - Silt Fence will be installed at a later date.				
SF #2	Silt Fence	Northeast corner	8/30/2018	Pending	No
Current Condition:	Pending - Silt Fence will be installed at a later date.				
STR	Street cleaning	Off-Site	In Place	Active	No
Current Condition:	Good Condition - No signs of trackout.				
SWPPP Sign-SI	Signs	2 Entrances	9/6/2018	Pending	Yes
Current Condition:	Pending - Two SWPPP site signs are needed off County Road U and County Road 25 as of 8/30/2018. E&A inspector will order signs and have them installed once they arrive. Not done as of last inspection.				
Sanitary Lift Station and Force Main					
CE 1	Construction Entrance	County Road Blvd U		Removed	
Current Condition:	Removed - See CE1 for Gallery 23 project as of 8/30/2018.				
CW	Concrete Washout	County Road Blvd U		Removed	
Current Condition:	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
Current Condition:	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
Current Condition:	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
Current Condition:	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
Current Condition:	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
Current Condition:	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
Current Condition:	Good Condition - Erosion control blanket was installed prior to inspection on 9/19/18				
EB #3	Erosion Blanket	E of Roundabout		Removed	
Current Condition:	Removed - Erosion Control blanket is not necessary in this area due to establishment of vegetation. E&A will monitor.				
STR	Street cleaning	Off-Site	In Place	Active	No
Current Condition:	Good Condition - No signs of trackout.				
SWPPP Sign-SI	Signs	2 Entrances		Removed	

Current Condition:	Removed - See SWPPP signs under Gallery 23 East project				
Water Main Extension					
CW	Concrete Washout	County Road Blvd U	10/4/2018	Pending	No
Current Condition:	Pending - Washouts will be installed when work occurs.				
SF #1	Silt Fence	Area #1	10/4/2018	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading begins.				
SF #2	Silt Fence	Area #2	10/4/2018	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading begins.				
SF #3	Silt Fence	Area #3	10/4/2018	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading begins.				
SF #4	Silt Fence	Area #4	10/4/2018	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading begins.				
SF #5	Silt Fence	Area #5	10/4/2018	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading begins.				
SF #6	Silt Fence	Area #6	10/4/2018	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading begins.				
STR	Street cleaning	Off-Site	In Place	Active	No
Current Condition:	Good Condition - No signs of trackout.				
SWPPP Sign-SI	Signs	2 Entrances		Removed	
Current Condition:	Removed - See SWPPP signs under Gallery 23 East project				
Inspector Signature:			Reviewed By: 