

E&A Consulting Group, Inc.
 10909 Mill Valley Road, Suite 100
 Omaha, NE 68154
 tel 402.895.4700
 fax 402.895.3599
 www.eacg.com



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:	2/23/2019	
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:	85%	95%	99%	0%
Sanitary Sewer:	70%	N/A	99%	0%
Storm Sewer:	0%	N/A	N/A	0%
Paving:	0%	N/A	N/A	0%
Seeding:	1%	N/A	99%	0%
Utilities:	60%	N/A	N/A	0%
Overall Development:	20%	90%	99%	0%

RAIN FALL AMOUNTS	Amount in inches	Date inspected	Weather Conditions	
				Week 1
Sunday:	0.06"			
Monday	0.02"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.01"			
Saturday	0.06"			
				Week 2
Sunday:	0.07"			
Monday	0.00"			
Tuesday	0.03"			
Wednesday	0.17"	2/20/2019	Snow 29/7	
Thursday	0.00"			
Friday	0.04"			
Saturday	0.12"			
				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 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). Grading for water installation on NW perimeter and along Rd 25 (10/23/18). Grading has temporarily ceased (1/10/19).

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). Grading has temporarily ceased (1/10/19). **Grading occurred in between Hwy 30 and Menards to still water main between last inspection (2/7/19) and current inspection (2/20/19), but grading had ceased at time of inspection.**

Highway 30 intersection improvements have not begun as of last inspection.

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). Grading for water installation on NW perimeter and along Rd 25 (10/23/18). Grading has temporarily ceased (1/10/19).

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). Grading has temporarily ceased (1/10/19). **Grading occurred in between Hwy 30 and Menards to still water main between last inspection (2/7/19) and current inspection (2/20/19), but grading had ceased at time of inspection.**

Highway 30 intersection improvements have not begun as of last inspection.

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). Seeding around banks of E side of lake (11/6/18).

Summary Questions:

Are approved entrances and adjacent streets being maintained adequately?

Yes

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?

No - See Findings Section

Is dust associated with the construction activity adequately controlled on the site?

Yes

Comments:

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The site was inactive 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. Grading for water tie in along Rd 25 as of last inspection. Grading has ceased.

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. **During inspection on 2/20/19, the road side ditches on the E side of Hwy 275 for the sanitary project were covered in snow, therefore the status of the wattles could not be visually verified.**

Water Improvements project has begun as of last inspection. Dirt piles from water main improvement project are being moved over to Gallery 23 East project in low areas. Dirt will be spread at a later date (2/7/19).

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.

According to Jim Hammit, the E&A Construction monitor on site, the project is currently in a winter shutdown stage and no new work should be occurring until Spring.

Work for overhead electric occurring during inspection on 1/10/19 by Fremont Public Works around perimeter of Gallery 23 East. Overhead electric work no longer occurring as of last inspection.

During inspection on 2/20/19, the site was covered in 4-6 inches of snow. Due to snow cover, the inspector could not visually verify the status of all BMPs.

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. Not done as of last inspection.
3. One portable toilet on the site needs to be staked down. Thompson Construction will be informed to complete when conditions allow as of 12/19/18. Not done as of the last inspection.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
Gallery 23 East					
CE 1	Construction Entrance	County Road Blvd U	8/30/2018	Active	No


Current Condition:	Good Condition - 70% effective. Pruss is off site as of 10/8/18. Thompson Construction added rock to the entrance prior to inspection on 11/6/18.				
CE 2	Construction Entrance	County Road 25/Highway 30	8/30/2018	Active	No
Current Condition:	Good Condition - 70% 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	11/6/2018	Active	No
Current Condition:	Good Condition - After further evaluation, as of 1/10/19 inspection, wattles/checks will no longer be recommended.				
DD #2	Diversion Ditch	W side of Lake		Active	
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	No
Current Condition:	Good Condition - After further evaluation, as of 1/10/19 inspection, wattles/checks will no longer be recommended.				
DD #7	Diversion Ditch	N side of lake	9/25/2018	Active	No
Current Condition:	Good Condition - Due to grade of the lot and an access road being installed, silt fence or straw bale checks will not be recommended at this time. E&A will monitor.				
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	10/9/2018	Pending	Yes
Current Condition:	<p>Pending - Inspector installed 1 of 2 SWPPP signs during inspection on 10/9/18. Other SWPPP sign will be installed at the County Rd U Blvd entrance at a later date.</p> <p>The SWPPP sign blew off the t-post prior to inspection on 2/7/19 and needs reinstalled</p> <p>Inspector will reinstall during next inspection when conditions allow. Not done as of the last inspection.</p>				

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	9/25/2018	Active	No
Current Condition:	Good Condition - Erosion control blanket was installed prior to inspection on 9/25/18				
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 concrete work occurs.				
SF #1	Silt Fence	Area #1		Removed	
Current Condition:	Removed - There is no silt fence in this area, see IP 1 and IP 2 for BMPs in Area #1				
IP 1	Inlet Protection	N side of 24th St (Enlarged Area #1)	10/23/2018	Active	No
Current Condition:	Good Condition - H.R. Bookstrom Construction installed inlet protection prior to inspection on 10/23/18.				
IP 2	Inlet Protection	S side of 24th St (Enlarged Area #1)	10/23/2018	Active	No
Current Condition:	Good Condition - H.R. Bookstrom Construction installed inlet protection prior to inspection on 10/23/18.				
SF #2	Silt Fence	Area #2	10/4/2018	Pending	Yes
Current Condition:	<p>Pending - Silt fence will be installed when grading reaches area.</p> <p>2 straw wattles should be installed across the roadside ditch on the E side of Area #2</p> <p>H.R. Bookstrom was informed to complete by 11/20/18. Not done as of last inspection. H.R. Bookstrom was reminded on 12/19/18.</p>				
SF #3	Silt Fence	Area #3	10/4/2018	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading reaches area.				
SF #4	Silt Fence	Area #4	10/4/2018	Pending	Yes
Current Condition:	<p>Pending - Silt fence will be installed when grading reaches area.</p> <p>Silt fence should be installed on the S perimeter of Area #4</p> <p>H.R. Bookstrom was informed to complete by 11/20/18. Not done as of last inspection. H.R. Bookstrom was reminded on 12/19/18.</p>				
SF #5	Silt Fence	Area #5	10/4/2018	Pending	Yes
Current Condition:	<p>Pending - Silt fence will be installed when grading reaches area.</p> <p>Silt fence should be installed on the S perimeter of Area #5</p> <p>H.R. Bookstrom was informed to complete by 11/20/18. Not done as of last inspection. H.R. Bookstrom was reminded on 12/19/18.</p>				
SF #6	Silt Fence	Area #6	10/4/2018	Pending	No
Current Condition:	Pending - Silt fence will be installed when grading reaches area.				
STR	Street cleaning	Off-Site	In Place	Active	No

Current Condition:	Good Condition - Streets showed signs of improvement, however, some street cleaning is still necessary. H.R. Bookstrom Construction cleaned the streets at 24th St prior to inspection on 1/10/19.			
SWPPP Sign-SI	Signs	2 Entrances	Removed	
Current Condition:	Removed - See SWPPP signs under Gallery 23 East project			
Inspector Signature:			Reviewed By: 