

Stormwater Pollution Prevention Plan (SWPPP)

For Construction Activities At:

Gallery 23 East Offsite Water Improvements
County Road U and Lincoln Highway
Fremont, NE 68025

SWPPP Prepared For:

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Project Start Date: 05 / 28 / 2018
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SECTION 1: CONTACT INFORMATION/RESPONSIBLE PARTIES

1.1 Operator

Operator:

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SECTION 2: SITE EVALUATION, ASSESSMENT, AND PLANNING

2.1 Project/Site Information

Project Name and Address

Project/Site Name: Gallery 23 East Offsite Water Improvements
Project Street/Location: County Road U and Lincoln Highway
City: Fremont
State: Nebraska
ZIP Code: 68025
County: Dodge

Project Latitude/Longitude

Latitude: 41° 27' 3.78" N Longitude: 96° 26' 52.45" W

Method for determining latitude/longitude:

USGS topographic map (specify scale: _____) EPA Web site GPS
 Other (please specify): Google Earth

Horizontal Reference Datum:

NAD 27 NAD 83 or WGS 84 Unknown

Additional Project Information

Is the project/site located on Indian country lands, or located on a property of religious or cultural significance to an Indian tribe? Yes No

If yes, provide the name of the Indian tribe associated with the area of Indian country (including the name of Indian reservation if applicable), or if not in Indian country, provide the name of the Indian tribe associated with the property:

If you are conducting earth-disturbing activities in response to a public emergency, document the cause of the public emergency (e.g., natural disaster, extreme flooding conditions), information substantiating its occurrence (e.g., state disaster declaration), and a description of the construction necessary to reestablish effective public services:

Are you applying for permit coverage as a "federal operator" as defined in Appendix A of the 2012 CGP? Yes No

2.2 Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? Yes No

Are there any surface waters that are located within 50 feet of your construction disturbances?

Yes No

Table 1 – Names of Receiving Waters

Name(s) of the first surface water that receives stormwater directly from your site and/or from the MS4 (note: multiple rows provided where your site has more than one point of discharge that flows to different surface waters)
1. Un-named creek discharges to EL1-10500 Rawhide Creek
2.
3.
4.
5.

Table 2 – Impaired Waters / TMDLs (Answer the following for each surface water listed in Table 1 above)

	Is this surface water listed as "impaired"?	If you answered yes, then answer the following:			
		What pollutant(s) are causing the impairment?	Has a TMDL been completed?	Title of the TMDL document	Pollutant(s) for which there is a TMDL
1.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2.	<input type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> YES <input type="checkbox"/> NO		
3.	<input type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> YES <input type="checkbox"/> NO		
4.	<input type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> YES <input type="checkbox"/> NO		
5.	<input type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> YES <input type="checkbox"/> NO		

Describe the method(s) you used to determine whether or not your project/site discharges to an impaired water: The project drains to an un-named creek to the south of the project, this creek discharges into Rawhide Creek to the east. Impaired waters within Nebraska are listed on the Nebraska Department of Environmental Quality website. Rawhide Creek is identified as EL1-10500, EL1-10500 Rawhide Creek is a category 3 waterbody as of 2018. A category 3 waterbody is defined as "[a waterbody] where there is insufficient data to determine if any beneficial uses are being met" (Nebraska Department of Environmental Quality Water Quality Division. (2018). Methodologies for Waterbody Assessments and Development of the 2018 Integrated Report for Nebraska).

Table 3 – Tier 2, 2.5, or 3 Waters (Answer the following for each surface water listed in Table 1 above)

	Is this surface water designated as a Tier 2, Tier 2.5, or Tier 3 water? (see Appendix F)	If you answered yes, specify which Tier (2, 2.5, or 3) the surface water is designated as?
1.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
3.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
4.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
5.	<input type="checkbox"/> YES <input type="checkbox"/> NO	

2.3 Nature of the Construction Activity

General Description of Project

Provide a general description of the construction project:

The project will consist of site clearing, grading, and water main installation. The project is linear and does not require typical perimeter controls. The finished project will be an extension of the 23rd Street water main and will connect to the Gallery 23 Subdivision project, permit #CSW-201702253.

Size of Construction Project

What is the size of the property (in acres), the total area expected to be disturbed by the construction activities (in acres), and the maximum area expected to be disturbed at any one time?

Area of Property: 1.4 acres

Total Area of Disturbance: 1.4 acres

Max Area Disturbed at Any One Time: 1.4 acres

2.4 Sequence and Estimated Dates of Construction Activities

The Gallery 23 East Offsite Water Improvements project is a linear project and will conform to the following estimated dates of construction activities:

- 1) October 2018, silt fence will be installed per SWPPP plan sheet SWPPP1.0 Enlarged 6, 5 and 4, see section 4.2, Perimeter Controls.
- 2) October 2018, inlet protection will be installed per SWPPP plan sheet SWPPP1.0 Enlarged 1, see section 4.8.
- 3) October 2018, clearing, grubbing and grading will begin in the southern section of the site following installation of BMPs outlined in the SWPPP plan sheet SWPPP1.0 Enlarged 6, 5 and 4.
- 4) October 2018, water main pipe installation will begin in the southern section of the site following clearing, grubbing, grading, and BMP installation.
- 5) November 2018, silt fence will be installed per SWPPP plan sheet SWPPP1.0 Enlarged 3 and 2, see section 4.2, Perimeter Controls.
- 6) November 2018, clearing, grubbing and grading will begin in the northern section of the site following installation of BMPs outlined in the SWPPP plan sheet SWPPP1.0 Enlarged 3 and 2.
- 7) November 2018, water main pipe installation will begin in the northern section of the site following clearing, grubbing, grading, and BMP installation.
- 8) March 2019, site will be stabilized according to the stabilization requirements outlined in section 4.9 of this narrative.
- 9) August 2019, after the site is stabilized, the temporary BMPs will be removed and the grading permit will be terminated.

2.5 Allowable Non-Stormwater Discharges

List of Allowable Non-Stormwater Discharges Present at the Site

Type of Allowable Non-Stormwater Discharge	Likely to be Present at Your Site?
Discharges from emergency fire-fighting activities	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Fire hydrant flushings	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Landscape irrigation	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Waters used to wash vehicles and equipment	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Water used to control dust	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Potable water including uncontaminated water line flushings	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Routine external building wash down	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Pavement wash waters	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Uncontaminated air conditioning or compressor condensate	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Uncontaminated, non-turbid discharges of ground water or spring water	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Foundation or footing drains	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Construction dewatering water	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

2.6 Site Maps

The SWPPP site map is attached in Appendix A.

SECTION 3: DOCUMENTATION OF COMPLIANCE WITH OTHER FEDERAL REQUIREMENTS

3.1 Endangered Species Protection

Eligibility Criterion

Under which criterion listed in Appendix D are you eligible for coverage under this permit?

A B C D E

For reference purposes, the eligibility criteria listed in Appendix D are as follows:

- Criterion A. No federally-listed threatened or endangered species or their designated critical habitat(s) are likely to occur in your site's "action area" as defined in Appendix A of this permit.
- Criterion B. The construction site's discharges and discharge-related activities were already addressed in another operator's valid certification of eligibility for your action area under eligibility Criterion A, C, D, E, or F and there is no reason to believe that federally-listed species or federally-designated critical habitat not considered in the prior certification may be present or located in the "action area". To certify your eligibility under this Criterion, there must be no lapse of NPDES permit coverage in the other operator's certification. By certifying eligibility under this Criterion, you agree to comply with any effluent limitations or conditions upon which the other operator's certification was based. You must include in your NOI the tracking number from the other operator's notification of authorization under this permit. If your certification is based on another operator's certification under Criterion C, you must provide EPA with the relevant supporting information required of existing dischargers in Criterion C in your NOI form.
- Criterion C. Federally-listed threatened or endangered species or their designated critical habitat(s) are likely to occur in or near your site's "action area," and your site's discharges and discharge-related activities are not likely to adversely affect listed threatened or endangered species or critical habitat. This determination may include consideration of any stormwater controls and/or management practices you will adopt to ensure that your discharges and discharge-related activities are not likely to adversely affect listed species and critical habitat. To make this certification, you must include the following in your NOI: 1) any federally listed species and/or designated habitat located in your "action area"; and 2) the distance between your site and the listed species or designated critical habitat (in miles). You must also include a copy of your site map with your NOI.
- Criterion D. Coordination between you and the Services has been concluded. The coordination must have addressed the effects of your site's discharges and discharge-related activities on federally-listed threatened or endangered species and federally-designated critical habitat, and must have resulted in a written concurrence from the relevant Service(s) that your site's discharges and discharge-related activities are not likely to adversely affect listed species or critical habitat. You must include copies of the correspondence between yourself and the Services in your SWPPP and your NOI.
- Criterion E. Consultation between a Federal Agency and the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service under section 7 of the ESA has been concluded. The consultation must have addressed the effects of the construction site's discharges and discharge-related activities on federally-listed threatened or endangered species and federally-designated critical habitat. The result of this consultation must be either:

- i. a biological opinion that concludes that the action in question (taking into account the effects of your site's discharges and discharge-related activities) is not likely to jeopardize the continued existence of listed species, nor the destruction or adverse modification of critical habitat; or
- ii. written concurrence from the applicable Service(s) with a finding that the site's discharges and discharge-related activities are not likely to adversely affect federally-listed species or federally-designated habitat.

You must include copies of the correspondence between yourself and the Services in your SWPPP and your NOI.

Criterion F. Your construction activities are authorized through the issuance of a permit under section 10 of the ESA, and this authorization addresses the effects of the site's discharges and discharge-related activities on federally-listed species and federally-designated critical habitat. You must include copies of the correspondence between yourself and the Services in your SWPPP and your NOI.

Supporting Documentation

Provide documentation for the applicable eligibility criterion you select in Appendix D, as follows:

For criterion A, indicate the basis for your determination that no federally-listed threatened or endangered species or their designated critical habitat(s) are likely to occur in your site's action area (as defined in Appendix A of the permit). Check the applicable source of information you relied upon:

- Specific communication with staff of the U.S. Fish & Wildlife Service or National Marine Fisheries Service.
- Publicly available species list.

The Nebraska Game & Parks Endangered and Threatened Species checklist and maps were used and it was determined that no endangered species were impacted by this project. The checklist and maps are attached as Appendix H.

In addition, a letter will be obtained from Nebraska Game & Parks during the Industrial Permit process regarding endangered species.

- Other source:

For criterion B, provide the Tracking Number from the other operator's notification of permit authorization: INSERT AUTHORIZATION TRACKING NUMBER FROM OTHER OPERATOR'S NOTIFICATION LETTER/EMAIL

Provide a brief summary of the basis used by the other operator for selecting criterion A, B, C, D, E, or F: INSERT TEXT HERE

For criterion C, provide the following information:

- INSERT LIST OF FEDERALLY-LISTED SPECIES OR FEDERALLY-DESIGNATED CRITICAL HABITAT LOCATED IN YOUR ACTION AREA
- INSERT DISTANCE BETWEEN YOUR SITE AND THE LISTED SPECIES OR CRITICAL HABITAT (in miles)

Also, provide a brief summary of the basis used for determining that your site's discharges and discharge-related activities are not likely to adversely affect listed species or critical habitat:
INSERT TEXT HERE

For criterion D, E, or F, attach copies of any letters or other communication between you and the U.S. Fish & Wildlife Service or National Marine Fisheries Service concluding consultation or coordination activities. INSERT COPIES OF LETTERS OR OTHER COMMUNICATIONS HERE

3.2 Historic Preservation

Appendix E, Step 1

Do you plan on installing any of the following stormwater controls at your site? Check all that apply below, and proceed to Appendix E, Step 2.

- Dike
- Berm
- Catch Basin
- Pond
- Stormwater Conveyance Channel (e.g., ditch, trench, perimeter drain, swale, etc.)
- Culvert
- Other type of ground-disturbing stormwater control: Silt fence, wattle, and construction entrance

Appendix E, Step 2

If you answered yes in Step 1, have prior surveys or evaluations conducted on the site already determined that historic properties do not exist, or that prior disturbances at the site have precluded the existence of historic properties? YES NO. The Gallery 23 East Offsite Water Improvements project is a linear project along the existing right-of-ways.

- If yes, no further documentation is required for Section 3.2 of the Template.
- If no, proceed to Appendix E, Step 3.

Appendix E, Step 3

If you answered no in Step 2, have you determined that your installation of subsurface earth-disturbing stormwater controls will have no effect on historic properties? YES NO, N/A

If yes, provide documentation of the basis for your determination.

If no, proceed to Appendix E, Step 4.

Appendix E, Step 4

If you answered no in Step 3, did the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Office (THPO), or other tribal representative (whichever applies) respond to you within 15 calendar days to indicate whether the subsurface earth disturbances caused by the installation of stormwater controls affect historic properties? YES NO

If no, no further documentation is required for Section 3.2 of the Template.

If yes, describe the nature of their response:

- Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions.
- No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater controls.
- Other: A review by the SHPO is not required for the Nebraska General Grading Permit. However, review by the SHPO is ongoing for the project's Industrial Stormwater Permit. The letter(s) received will be included in the Industrial Stormwater Permit documentation.

3.3 Safe Drinking Water Act Underground Injection Control Requirements

Do you plan to install any of the following controls? Check all that apply below. N/A

- Infiltration trenches (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system)
- Commercially manufactured pre-cast or pre-built proprietary subsurface detention vaults, chambers, or other devices designed to capture and infiltrate stormwater flow
- Drywells, seepage pits, or improved sinkholes (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system)

If yes, INSERT COPIES OF LETTERS, EMAILS, OR OTHER COMMUNICATION BETWEEN YOU AND THE STATE AGENCY OR EPA REGIONAL OFFICE

SECTION 4: EROSION AND SEDIMENT CONTROLS

4.1 Natural Buffers or Equivalent Sediment Controls

Buffer Compliance Alternatives

Are there any surface waters within 50 feet of your project's earth disturbances? YES NO

(Note: If no, no further documentation is required for Part 4.1 in the SWPPP Template. Continue on to Part 4.2.) BMPs will be installed a quarter mile ahead of earthwork per the details outlined in section 4.2 Perimeter Controls. Buffer strip adjacent to the un-named creek that discharges to EL1-10500 Rawhide Creek will be maintained.

4.2 Perimeter Controls

General

- Silt fence shall be installed on the downhill side of any disturbed area that drains off-site. Additional silt fence will be installed as determined by the Inspector. Site is linear and perimeter controls will be installed only where disturbed areas would drain off-site.

Specific Perimeter Controls

Perimeter Control # 1

Perimeter Control Description

- Perimeter Control 1 will be located in the northwest portion of the site, identified by Enlarged 2 on sheet SWPPP1.0 of the SWPPP site plan. 160 LF of silt fence will be installed, see Enlarged 2 on sheet SWPPP1.0 of the SWPPP site plan. Silt fence shall conform to the detail and notes on sheet SWPPP1.0 and D1.3 (detail 4, 5 and 6) of the SWPPP site plan, site is linear and does not require typical perimeter controls.

Installation

- Prior to any grading activities

Maintenance Requirements

- Silt fence shall be inspected after each rain event for depth of sediment, tears, gaps between fence, and that silt fence posts are firmly planted in the ground. If deficiencies exist, the silt fence shall be repaired or replaced within 7 days after deficiencies are discovered. Sediment shall be removed prior to the depth reaching half the height of the silt fence.

Perimeter Control # 2

Perimeter Control Description

- Perimeter Control 2 will be located in the northwest portion of the site, identified by Enlarged 3 on sheet SWPPP1.0 of the SWPPP site plan. 20 LF of silt fence will be installed, see Enlarged 2 on sheet SWPPP1.0 of the SWPPP site plan. Silt fence shall conform to the detail and notes on sheet SWPPP1.0 and D1.3 (detail 4, 5 and 6) of the SWPPP site plan, site is linear and does not require typical perimeter controls.

Installation

- Prior to any grading activities

Maintenance Requirements

- Silt fence shall be inspected after each rain event for depth of sediment, tears, gaps between fence, and that silt fence posts are firmly planted in the ground. If deficiencies exist, the silt fence shall be repaired or replaced within 7 days after deficiencies are discovered. Sediment shall be removed prior to the depth reaching half the height of the silt fence.

Perimeter Control # 3

Perimeter Control Description

- Perimeter Control 3 will be located in the southeast portion of the site, identified by Enlarged 4 on sheet SWPPP1.0 of the SWPPP site plan. 160 LF of silt fence will be installed, see Enlarged 2 on sheet SWPPP1.0 of the SWPPP site plan. Silt fence shall conform to the detail and notes on sheet SWPPP1.0 and D1.3 (detail 4, 5 and 6) of the SWPPP site plan, site is linear and does not require typical perimeter controls.

Installation

- Prior to any grading activities

Maintenance Requirements

- Silt fence shall be inspected after each rain event for depth of sediment, tears, gaps between fence, and that silt fence posts are firmly planted in the ground. If deficiencies exist, the silt fence shall be repaired or replaced within 7 days after deficiencies are discovered. Sediment shall be removed prior to the depth reaching half the height of the silt fence.

Perimeter Control # 4

Perimeter Control Description

- Perimeter Control 4 will be located in the northwest portion of the site, identified by Enlarged 5 on sheet SWPPP1.0 of the SWPPP site plan. 100 LF of silt fence will be installed, see Enlarged 2 on sheet SWPPP1.0 of the SWPPP site plan. Silt fence shall conform to the detail and notes on sheet SWPPP1.0 and D1.3 (detail 4, 5 and 6) of the SWPPP site plan, site is linear and does not require typical perimeter controls.

Installation

- Prior to any grading activities

Maintenance Requirements

- Silt fence shall be inspected after each rain event for depth of sediment, tears, gaps between fence, and that silt fence posts are firmly planted in the ground. If deficiencies exist, the silt fence shall be repaired or replaced within 7 days after deficiencies are discovered. Sediment shall be removed prior to the depth reaching half the height of the silt fence.

Perimeter Control # 5

Perimeter Control Description

- Perimeter Control 5 will be located in the northwest portion of the site, identified by Enlarged 6 on sheet SWPPP1.0 of the SWPPP site plan. 60 LF of silt fence will be installed, see Enlarged 2 on sheet SWPPP1.0 of the SWPPP site plan. Silt fence shall conform to the detail and notes on sheet SWPPP1.0 and D1.3 (detail 4, 5 and 6) of the SWPPP site plan, site is linear and does not require typical perimeter controls.

Installation

- Prior to any grading activities

Maintenance Requirements

- Silt fence shall be inspected after each rain event for depth of sediment, tears, gaps between fence, and that silt fence posts are firmly planted in the ground. If deficiencies exist, the silt fence shall be repaired or replaced within 7 days after deficiencies are discovered. Sediment shall be removed prior to the depth reaching half the height of the silt fence.

4.3 Sediment Track-Out

General

- Vehicle parking will be confined to the northwest section of the linear site where pavement exists.

Track-Out Control # 1

Track-Out Control Description

- Construction/site access points have not been established, though it is required to install track in/track out pads at all construction/site access points, see detail 2/D1.2.

Installation

- Prior to any grading activities

Maintenance Requirements

- The entrance shall be maintained in a condition which will prevent tracking of flow of sediment onto off-site paved roads.
- Any track out that gets onto the adjacent pavement will be cleaned up at the end of each work day

4.4 Stockpiled Sediment or Soil

General

- Any stockpile sediment will remain within a silt fence barrier, or will not be stockpiled for longer than 14 days.

Specific Stockpile Controls

Stockpile Control # 1

Stockpiled Sediment/Soil Control Description

- Refer to Section 4.2 for perimeter controls

Installation

- Refer to Section 4. 2 for perimeter controls

Maintenance Requirements

- Refer to Section 4. 2 for perimeter controls

4.5 Minimize Dust

General

- If needed, dust will be mitigated using a water truck or otherwise spraying non-potable water upon the areas causing dust.

Specific Dust Controls

Dust Control # 1

Dust Control Description

- Water trucks

Installation

- As needed

Maintenance Requirements

- Dusty areas will be sprayed down with the water trucks as needed

4.6 Minimize the Disturbance of Steep Slopes

General

- There are no existing steep slopes within the project area
- No steep slopes will be created with the proposed grading

Specific Steep Slope Controls

4.7 Topsoil

General

- Topsoil from disturbed areas will be stockpiled within the silt fence and re-spread over the disturbed areas prior to seeding.

Specific Topsoil Controls

Topsoil Control # 1

Topsoil Control Description

- Refer to Section 4.2 for perimeter controls

Installation

- Refer to Section 4.2 for perimeter controls

Maintenance Requirements

- Refer to Section 4.2 for perimeter controls

4.8 Storm Drain Inlets

General

- Storm water inlets shall be protected by silt dike wattles or other measures approved by the Inspector.

Specific Storm Drain Inlet Controls

Storm Water Inlet Control # 1

Storm Water Inlet Control Description

- Silt dike wattles are tube-shaped erosion prevention devices filled with straw, flax, rice, coconut fiber, or compost material. Rolls are wrapped in UV-degradable polypropylene netting or 100-percent biodegradable material, depending on longevity requirements.
- Wattles shall be bound on each end at 4 ft intervals with biodegradable ties. Wattles shall be between 8 and 12 inches in diameter
- Silt dike wattles or inspector approved inlet protection, such as Big Reds, will be installed across both inlets along 24th street at the northwest corner of the site, see Enlarged 1 on sheet SWPPP1.0 and detail 3 on sheet D1.3.

Installation

- Installed prior to ground disturbance in the vicinity
- Wattles shall be installed around storm sewer inlets with no gaps to filter stormwater prior to entering the culverts.
- Manufacturer's recommendations for installation shall be followed.

Maintenance Requirements

- Inspect wattles after rain events to verify they are still firmly anchored and not damaged. Replace or repair missing or damaged wattles as necessary.

4.9 Site Stabilization

Site Stabilization Practice (only use this if you are not located in an arid, semi-arid, or drought-stricken area)

- Vegetative Non-Vegetative
 Temporary Permanent

Description of Practice

- In regards to all state right-of-ways, site will be seeded per the requirements outlined in section 801 and mulched per the requirements outlined in section 806 of the Standard Specifications for Highway Construction, authored by the Nebraska Department of Transportation. This includes type B seeding and hay mulch or equivalent per Note 1, "After final grading, all disturbed areas must be seeded and covered with mulch. Return all disturbed areas to pre-construction conditions," outlined on sheet SWPPP1.0 of the SWPPP site plans.
- Within the limits of the project (northern section of site by Menards and un-named creek crossing to the south), stabilization practices will be implemented to return all disturbed areas to pre-construction conditions utilizing type A seeding as outlined in section 801 of the Standard Specifications for Highway Construction, authored by the Nebraska Department of Transportation.

Installation

- Seeding is anticipated to be in spring, when weather conditions are appropriate in the area.

Maintenance Requirements

- No maintenance of seeding is required. Disturbed areas will be seeded, temporary BMPs will be removed and then the grading permit will be closed out. Silt fence and other BMPs to remain in place and be maintained by the contractor throughout construction until vegetation has been re-established.

SECTION 5: POLLUTION PREVENTION STANDARDS

5.1 Potential Sources of Pollution

Construction Site Pollutants

- Fuel
- Diesel
- Oil
- Hydraulic Fluid
- Concrete Slurry
- Solid Waste

5.2 Fueling and Maintenance of Equipment or Vehicles

General

- Care will be taken to limit spills during fueling of vehicles and equipment
- Where feasible, drip pans will be used under vehicles and equipment during refueling of vehicles
- Drip pans or tarps will be used under vehicles with known fluid leaks
- Secondary containment will be used around all fuel containers for the full span of the project

5.3 Washing of Equipment and Vehicles

General

- No washing of vehicles will occur on site other than concrete trucks (see Section 5.5)

5.4 Storage, Handling, and Disposal of Construction Products, Materials, and Wastes

5.4.1 Building Products

General

- Any building products will be kept within the material storage area or contained within the Menards site limits to the north.
- The material storage area will be on a paved surface, either a gravel area next to the construction entrance or the paved surface with the Menards site limits to the north.

5.4.2 Diesel Fuel, Oil, Hydraulic Fluids, Other Petroleum Products, and Other Chemicals

General

- Fuel, oils, and other fluids will be contained in tanks with the material storage area or in pickup beds until they are needed

5.4.3 Hazardous or Toxic Waste

General

- Any hazardous or toxic waste will be contained in suitable containers and hauled off site to be disposed of legally

5.4.4 Construction and Domestic Waste

General

- Large construction waste will be kept in the material storage area until it can be hauled off site and legally disposed of
- Small construction waste, domestic waste, and litter will be temporarily kept in pick up beds for removal from the site at the end of each work day

5.4.5 Sanitary Waste

General

- A port-a-john will be provided for workers in the material staging area. The port-a-john will be cleaned and emptied as required by the company providing it.

5.5 Washing of Applicators and Containers used for Paint, Concrete or Other Materials

General

- Any gray water contaminated by washing will be contained and captured using buckets, tarps, or other methods and will not be permitted to enter the soil.
- Buckets and other containers will be stored in the material storage area or hauled off site to be disposed of legally.

Specific Pollution Prevention Practices

Pollution Prevention Practice # 1

Description

- Concrete Washout shall be a disposable concrete washout provided by Outpak, or approved equal. This is a treated water resistant corrugated board with a 4 mil poly liner.
- Alternate methods of the washing out concrete trucks and preventing pollution shall be approved by the Inspector.

Installation

- Concrete washout shall be located in the contractor's staging area and shall be operational prior to any concrete paving operations.

Maintenance Requirements

- Inspect washout area for leaks on a weekly basis during concrete paving operations.
- Empty washout as required and dispose of slurry and contaminated water off-site in a legal manner.

SECTION 6: INSPECTION AND CORRECTIVE ACTION

6.1 Inspection Personnel and Procedures

Personnel Responsible for Inspections

Aaron Tulley
Office. 402-895-4700
Mobile. 720-331-4357
atulley@eacg.com

Inspection Schedule

Specific Inspection Frequency

Every 2 weeks or within one working day after a ½" rain

Rain Gauge Location (if applicable)

Fremont Municipal Airport

Inspections will continue until the site has been stabilized to a density of at least 70 percent and all BMPs have been removed.

Inspection Report Forms

To be provided on E&A website, <https://eacg.com>.

6.2 Corrective Action

Personnel Responsible for Corrective Actions

H.R. Brookstrom Construction, Inc.
Derek Brookstrom
402-464-4342
derek@hrbrookstrom.com

Corrective Action Forms

See Appendix D

6.3 Delegation of Authority

Duly Authorized Representative(s) or Position(s):

Gallery 23 East LLC
Michael Cosentino
Owner
4245 S 192nd St
Omaha, NE 68135
Phone: 402-250-2001
mcosentino49@yahoo.com

SECTION 7: CERTIFICATION AND NOTIFICATION

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 fine and imprisonment for knowing violations.

Name: _____ Title: _____

Signature: _____ Date: _____

SWPPP APPENDICES

Attach the following documentation to the SWPPP:

Appendix A – Site Maps

Appendix B – Copy of Nebraska General Grading Permit

Appendix C – NOI Approval Letter

Appendix D – Inspection Form

Appendix E – Corrective Action Form

Appendix F – SWPPP Amendment Log

Appendix G – Grading and Stabilization Activities Log

Appendix H – Nebraska Game and Parks Endangered Species Checklist

Appendix I – Delegation of Authority

Appendix A – Site Maps

Appendix B – Copy of Nebraska General Grading Permit

Appendix C – Copy of NOI Approval Letter

Appendix D – Copy of Inspection Form

Appendix E – Copy of Corrective Action Form

Appendix H – Nebraska Game and Parks Endangered Species Checklist

Appendix I – Delegation of Authority Form

Delegation of Authority

I, _____ (name), hereby designate the person or specifically described position below to be a duly authorized representative for the purpose of overseeing compliance with environmental requirements, including the Construction General Permit, at the _____ construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

_____ (name of person or position)
_____ (company)
_____ (address)
_____ (city, state, zip)
_____ (phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in Appendix I of EPA's Construction General Permit (CGP), and that the designee above meets the definition of a "duly authorized representative" as set forth in Appendix I.

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 fine and imprisonment for knowing violations.

Name: _____

Company: _____

Title: _____

Signature: _____

Date: _____