

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

ELEVATION MIDSTREAM, LLC

**Badger Central Gathering Facility
SWC of Weld County Roads 6 and 15
Weld County, Colorado**

**Property Owner:
Elevation Midstream, LLC**

**Site Lessee/Operator:
Elevation Midstream, LLC
Badger Central Gathering Facility**

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MANAGEMENT APPROVAL

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 gather and evaluate the information submitted. Based on my inquiry of the 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.

Signature:	
Date:	
Printed Name:	
Title:	

SEMI-ANNUAL COMPLIANCE EVALUATION CERTIFICATION

Date of Site Visit	Purpose

Refer to **Appendix D** for evaluation reports.

PERIODIC SIGNED INSPECTION REPORTS

Refer to **Appendix C**.

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RECORD OF REVIEWS

Record of Reviews				
Date of Inspection ¹	Date Minor SWPPP Revisions Completed ²	Date of Substantial BMP Modification ^{3,4}	Date of Comprehensive Site Evaluation Summary Report ⁵	Reason for Inspection, Review, or Amendment

¹ An inspection should be completed by qualified personnel in accordance with State and Federal SWPPP regulations.

² The SWPPP should be modified as necessary to include minor changes in SWPPP text or BMPs. Revision to the SWPPP must be completed following the inspection within 90 days.

³ If substantial SWPPP change is necessary including significant modification of existing BMPs or if the addition of new BMPs is necessary, implementation should be completed before the next anticipated storm event, if practicable, but not more than 12 weeks after completion of the comprehensive site evaluation. Refer to the Action Item Schedule on the next page.

⁴ Elevation should amend the SWPPP whenever: (1) there is a change in design, construction, operation or maintenance of the facility that changes the potential for the discharge of pollutants to water of the site; (2) the plan proves ineffective in eliminating or minimizing pollutants present in storm water; and (3) if the inspections required in Part 9 identify necessary changes to the SWPPP, the SWPPP shall be revised within 30 days following the inspections.

⁵ A report summarizing the scope of the inspection name(s) of personnel making the inspection, date(s) of the inspection, and major observations relating to the implementation of the SWPPP, and actions taken in accordance with the CDPS permit shall be made and retained as part of the SWPPP for at least three years from the date of the inspections.

EVALUATION OF ELIMINATION OF NON-STORMWATER DISCHARGES

Sources of potential stormwater contamination at the Elevation Badger Central Gathering Facility have been identified and stormwater contact management measures have been implemented.

Date of Evaluation	Evaluation Criteria	Outfalls or Drainage Points Observed	Types of Non-Stormwater Discharges and Source Locations	Control Measures Used to Eliminate Unauthorized Discharges

GOALS AND OBJECTIVES

The stormwater pollution prevention plan (SWPPP) has been developed and implemented in response to the Colorado Discharge Permit System (CDPS) General Permit. It has been prepared in accordance with good engineering practices. The SWPPP describes Badger Central Gathering Facility operations and identifies potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges associated with operations at the facility. It also recommends appropriate BMPs or pollution control measures to prevent or reduce the discharge of pollutants in stormwater runoff and provides for a periodic review of this SWPPP. It is the objective of this SWPPP to prevent or reduce the amount of pollutants potentially contained in the stormwater runoff being discharged from the facility.

1.0 FACILITY INFORMATION

1.1 Facility Description - General

CDPS General Permit Part I.F.2:

The facility description shall include:

- a. A narrative description of the industrial activities conducted at the facility;
- b. The total size of the facility property in acres;
- c. The general layout of the facility including buildings and storage of raw materials, and the flow of goods and materials through the facility.

Elevation Badger Central Gathering Facility (CGF) (Facility) is located at the northeast corner of Section 30, Township 1 North, Range 67 West of the 6th Principal Meridian, Weld County, Colorado. The Facility is on approximately 156 acres of land. To the north is Interstate-80, to the east is a vacant lot, to the south is industrial zoning, and to the west is residential zoning. The Standard Industrial Code (SIC) for the facility is 1389, which is Oil and Gas Field Services. Facility activities include parking and staging of various vehicles and materials used in drilling and workover activities. Vehicles staged on site may have auxiliary fuel tanks for operating equipment on the vehicle.

Normal facility operation activities do not add pollutants to storm water discharges. Activities that have the potential to contaminate stormwater are limited to loading and unloading of drilling additives.

A topographical map of the Facility is included in Figure 1 of this SWPP Plan. Figure 2 contains a site map and stormwater drainage diagram. The facility is xx miles away from Big Dry Creek. Little Dry Creek is also located xx miles to the north of the facility. The figures provide a general depiction of subsurface conveyance routes and the location of drainage routes. All potential SWPPP facility drainage is related to surface conveyance.

1.2 Facility Owner and Operator

The facility owner and operator are given as follows:

Facility Operator:	Elevation Badger Central Gathering Facility – Weld County, CO	Owner Name:	Elevation Midstream, LLC (Lessor)
Address:	NENE Section 30, Township 1 North, Range 67 West of PM 6, Weld County, CO	Address:	370 17 th Street, Suite 5300 Denver, CO 80202
Telephone:	(xxx) xxx-xxxx	Telephone:	(xxx) xxx-xxxx

2.0 CONTACTS AND TEAM MEMBERS

2.1 Pollution Prevention Team

CDPS General Permit Part I.F.1:

The SWMP shall identify a specific individual(s) by name or by title whose responsibilities include: SWMP development, implementation, maintenance, and modification.

The individuals with the responsibility to coordinate the development, implementation, evaluation, maintenance, and revision of the SWPPP are listed as follows. They shall also coordinate facility compliance with the specific management actions identified in the SWPPP, including best management practices, conducting inspection activities, preparing and submitting reports, and serving as SWPPP facility contacts for the Facility.

Name	Title	Contact Number	Area of Responsibility

2.2 Spill Prevention and Response Procedures

CDPS General Permit Part I.F.6.c:

Spill Prevention and Response Procedures (see Part I.D.1.d) – Procedures for preventing, responding to, and reporting spills and leaks. The permittee may reference other plans (e.g., a Spill Prevention Control and Countermeasure (SPCC) plan) otherwise required by a permit for the facility, provided that a copy of the other plan is kept onsite with the SWMP, and made available for review consistent with Part I.E.

The Elevation Badger Facility location has more than 1,320 gallons of oil on site in aboveground oil containers and no underground storage tanks located on site. Therefore, the location is subject to federal Spill Prevention Control and Countermeasure (SPCC) Plan requirements. Elevation maintains a SPCC Plan for the facility.

To be updated..The facility has xx 55-gallon spill kit containing granular absorbent material near the front gate. The facility is securely fenced and has adequate lighting. The whole facility has a perimeter earthen berm which provides appropriate secondary containment. The secondary containment has a storage capacity of approximately xxxxx gallons which is adequate spill containment capacity and this level of spill protection is appropriate for this facility.

The Facility would call a spill contractor to clean up a spill and who could drain collected liquids from the site or be collected via stormwater accumulation. Spill contractors available to assist with spill cleanup include:

XXXXX XXX-XXX-XXXX

Upon determining that a reportable discharge or spill has occurred, the responsible person must notify the State. The threshold quantity that triggers the requirement to report a spill is called the **Reportable Quantity**. The **Reportable Quantity** depends on the type of substance released and where released (e.g., into water vs. on land); different kinds of spills are subject to different provisions of state and federal rules. In the event of a spill or discharge that equals or exceeds the definition of a **Reportable Quantity** the following state and federal agencies should be contacted for reporting and clean-up assistance:

Colorado Emergency Operations	303-279-8855
CDPHE – Water Quality Control Division	303-692-3500
(24hr) National Response Center	800-424-8802
EPA Region 8 – On Scene Coordinator	800-227-8914

Be prepared to provide the following information:

- The date and time of the spill or release.
- The identity or chemical name of any material released or spilled, as well as whether the substance is extremely hazardous.
- An estimate of the quantity of material released or spilled and the time or duration of the event.
- The exact location of the spill, including the name of waters involved or threatened, and any other media affected by the release or spill.
- The extent of actual and potential water pollution.
- The source of the release or spill.
- The name, address, and phone number of the party in charge of, or responsible for, the facility, vessel, or activity associated with the release or spill. If that party is not at the site, also have the name and phone number of the party at the site who is in charge of operations.
- The steps being taken or proposed to contain and clean up the released or spilled material and any precautions taken to minimize impacts, including evacuation.
- The extent of injuries, if any.
- Any known or anticipated health risks associated with the incident and, where appropriate, advice regarding medical attention necessary for persons exposed.
- Possible hazards to the environment (air, soil, water, wildlife, etc.). This assessment may include references to accepted chemical databases, material safety data sheets, and health advisories.
- The identities of any government or private-sector representatives responding at the scene.

2.3 Municipal Separate Storm Sewer Systems

The Facility does not discharge to a municipal separate storm water system, or to a Publicly Owned Treatment Works (POTW) sewage treatment plant via combined sewer. Stormwater at the site follows sheet flow and drains into a natural depression within the facility boundaries.

3.0 MONITORING, SAMPLING, AND INSPECTION REQUIREMENTS

3.1 Summary of Site Drainage

To be updated....At the Facility, stormwater runoff follows in the general ...direction and drains into... Runoff from the site would collect in this area and will infiltrate into the ground. Refer to **Figure 2** for general surface flow directions.

3.2 Sampling Data

CDPS General Permit Part I.H:

All permittees must collect and analyze stormwater samples and document monitoring activities consistent with the procedures described in Part I.I and any additional sector-specific requirements in Part III. The results of such monitoring shall be reported on the Discharge Monitoring Report form to include reporting “No Discharge” on the DMR if no discharge occurs within the reporting period, and other reporting conventions consistent with Part I.K reporting requirements.

The Badger CGF has no stormwater discharges associated with industrial activity having a reasonable potential for containing pollutants if a spill or leak occurred during a rainstorm or was otherwise conveyed by stormwater. Refer to **Figure 2** for the stormwater drainage diagram. There is neither a permit requirement placed on the discharge nor any discharge monitoring or sampling required as the surface flow does not leave the facility.

3.3 Non-Stormwater Discharges

3.3.1 Evaluation of Elimination of Non-Stormwater Discharges

CDPS General Permit Part I.F.6.e:

Non-Stormwater Discharges (see Part I.D.1.j) – Documentation of the stormwater conveyance system evaluation for the presence of non-stormwater discharges not authorized in Part.I.A.1.b, and the elimination of all unauthorized discharges.

Non-stormwater is EPA’s terminology for facility operational or process discharges that would be released to, or commingle/mix with stormwater conveyances. The release or commingling of non-stormwater with stormwater is not allowed unless the non-stormwater component is regulated under permit or unless it is composed of discharges that are allowable under the CDPS General Permit. The Badger Central Gathering Facility does not have potential non-stormwater discharges as a result of its operations beyond allowable Non-Stormwater discharges. An evaluation regarding the elimination of non-stormwater discharges is provided after the Table of Contents on Page 4 of this SWPPP.

3.3.2 Allowable Non-Stormwater Discharges (CDPS Part I.A.1.b)

To be updated...There are some non-stormwater discharges that are allowable under the CDPS General Permit. Such discharges at this location may include power washing of equipment on the

concrete pads, power washing the pads themselves, routine external building wash down and cleaning vehicles, as long as detergents are not used and leaks of toxic or hazardous materials are not present. There is also the potential for fire-fighting water discharges in the event of a fire. No fire system test water would be expected to mix with stormwater.

3.4 Monitoring Requirements (CDPS Part I.F.8)

To be updated....Monitoring requirements under SWPP Plans and/or pursuant to the CDPS permit typically refer to water sampling at stormwater outfall locations to check for contamination. This facility is not required to complete any such water sampling because there are no outfalls, all stormwater collects in the onsite depression.

3.5 Inspection Requirements (CDPS Part I.F.7)

To be updated...A site inspection will be completed on a semi- annual basis to determine if there are changes at the facility that impact stormwater protection.

The Badger CGF is required to inspect stormwater systems on a semi-annual schedule utilizing the form provided in **Appendix D**. The checklist of items to be inspected includes housekeeping, best management practices (BMP) maintenance reviews, SWPPP plan text updates, and other typical SWPPP parameters common to both state and federal rule guidance.

The SWPPP shall include a checklist of inspections to be made during the semi-annual facility site inspection. The SWPPP shall also identify for the natural depression the type of periodic monitoring that will be conducted, such as non-storm water discharge monitoring inspections.

The Facility is required to inspect stormwater control systems on a semi-annual schedule utilizing the form provided in **Appendix D**.

4.0 EXPOSED MATERIALS INVENTORY

4.1 Summary of Potential Pollutant Sources

CDPS General Permit Part I.F.4.a:

The inventory shall identify all areas (except interior areas that are not exposed to precipitation) associated with industrial activities that have been, or may potentially be, sources of pollutants, that contribute, or have the potential to contribute, any pollutants to stormwater.

CDPS General Permit Part I.F.4.b:

The inventory shall list materials that contribute, or have the potential to contribute, pollutants to stormwater.

A summary of the type of activities or equipment areas that can impact stormwater is given as follows:

Equipment/ Material	Activity or Activities	Pollutant(s) or Pollutant Parameters
		POLLUTANT: DIRECT EXPOSURE: POTENTIAL EXPOSURE:
		POLLUTANT: DIRECT EXPOSURE: POTENTIAL EXPOSURE:

4.2 Assessment of Potential Pollutant Sources

CDPS General Permit Part I.F.4.c:

The assessment of potential pollutant sources shall provide a short narrative or tabulation describing the potential of a pollutant to be present in stormwater discharges for each facility activity, equipment and material identified above. The permittee shall update this narrative when data become available to verify the presence or absence of these pollutants.

To be updated...The Facility has many drilling additives stored on site. The facility stores various amounts of additives listed in the table above, at any one time. There is a 55 gallon spill kit maintained on site. The secondary containment has a storage capacity of xxxxx gallons which is adequate spill capacity and this level of spill protection is appropriate for this facility.

A SWPPP evaluation has targeted equipment areas where stormwater could potentially be impacted as a result of spills or leaks. The likelihood of pollution is low as all containers and equipment with potential exposure are provided with general containment and have active control measures during transfers. Refer to **Figure 2** for site drainage areas and flow directions.

POTENTIAL EQUIPMENT SPILLS OR LEAKS THAT CAN IMPACT STORMWATER AND DRAINAGE POINTS		
Equipment Unloading or Transfer Area	Spill Likelihood and Predicted Quantity	Drainage Point
None		

Pursuant to CDPS stormwater permit provisions, the following additional detail is provided for all other Badger CGF equipment areas (whether indoors or outdoors).

4.2.1 Oil and Chemical Storage Containers

To be updated...The Facility does store oil or chemical containers on site. The chemicals stored on site at any given time are listed in Section 4.3 and the oil containers are listed in Section 4.4. Since this tank is empty and out of service, it has not been discussed further in this SWPPP. If the tank was to be placed back into service, the earthen berm control measure surrounding the facility would provide adequate pollution prevention for any exposed materials or spills.

4.2.2 Oil-Filled Electrical Equipment

To be updated...The Facility has no oil-filled electrical equipment on site.

4.2.3 Oil-Filled Mechanical Equipment

To be updated...

4.2.4 Oil and Chemical Unloading & Material Transfer Facilities

To be updated...The Facility has no bulk transfers on site.

4.2.5 Water Treatment Chemical Equipment

To be updated...There is no water treatment chemical equipment exposed to stormwater at the Facility.

4.2.6 Service Water Treatment Lagoons

There are no service water treatment lagoons on site at the Facility.

In summary, the facility has adequate lighting. The earthen berm provides xxxxxx gallons of spill containment. The facility also has a spill kit with 55 gallons worth of absorbent material. This level of spill protection is appropriate for the Facility. Stormwater exposure to pollutants is unlikely even if there was catastrophic damage to the area. All oil, chemical, and other equipment types are listed below.

4.4 Site Bulk Oil

Oil Storage Tanks Secondary Containment		
Storage Tank, Type of Oil	Storage Capacity (Gallons)	Structural BMPs Secondary Containment

4.5 Sediment & Erosion

4.5.1 Site Specific Sediment and Erosion Controls

CDPS General Permit Part I.D.1.e:

The permittee must stabilize exposed areas and contain runoff using structural and/or non-structural control measures to minimize onsite erosion and sedimentation, and the resulting discharge of pollutants. Among other actions taken to meet this effluent limit, flow velocity dissipation devices must be placed at discharge locations and within outfall channels where necessary to minimize erosion and/or settle out pollutants.

To be updated...The Facility operating areas consist of **crushed stone or gravel**. There is no evidence of significant erosion and/or loss of sediment in these areas.

4.5.2 Management of Runoff

CDPS General Permit Part I.D.1.f:

The permittee must divert, infiltrate, reuse, contain, or treat stormwater runoff, in a manner that minimizes pollutants in stormwater discharges from the site.

Appendix E is reserved for erosion and sediment control plan insertion in the event of construction at the Facility. Such a plan would address the potential construction impacts, taking into consideration site topography, drainage patterns, soils, ground cover, and area runoff.

5.0 STORMWATER CONTROLS AND BEST MANAGEMENT PRACTICES

CDPS General Permit Part I.F.5.a:

The permittee shall document the location and type of each non-structural and structural control measure implemented at the facility to achieve meet the effluent limitations contained in this permit and listed below. Documentation must include those control measures implemented for stormwater run-on that commingles with any discharges covered under this permit.

In the event of a spill, the Facility on-site personnel would notify the Facility Supervisor or the HSE Technical Professional of the spill location, and then minimize the spill through; isolation, granular adsorbent material, adsorbent pads, or other appropriate method to prevent the spill from reaching navigable waters. The Facility Supervisor is to oversee spill containment and is to notify the HSE Environmental Manager. The Facility Supervisor is to initiate action to determine the quantity of the spill, the cause of the spill, and the corrective actions to prevent reoccurrence.

Stormwater management controls appropriate for the Facility can be summarized as follows:

UNIT OR AREA NAME	APPROPRIATE STORMWATER MANAGEMENT CONTROLS
Badger Central Gathering Facility	Visual Inspection, granular absorbent material, absorbent pads, perimeter berm

The Facility has many different materials stored on site. The materials stored on site at any given time are listed in Sections 4.3 and 4.4. The facility has adequate lighting and has a one-foot to two-foot earthen berm surrounding the whole site which provides xxxxx gallons of spill protection. The Facility also has a spill kit with 55 gallons of absorbent material. The facility has not experienced a reportable oil spill associated with any containers, vehicle or equipment on site.

5.1 Structural BMPs

Refer to Sections 4.3 and 4.4 for structural BMPs in place at the Facility.

5.2 Non-Structural BMPs

In addition to this SWPPP and the facility's SPCC Plan, the Facility has operating procedures that include BMPs including spill prevention and response procedures, visual inspections, and employee training. These reduce the potential for stormwater contact due to equipment failure or operational losses.

5.2.1 Employee Training

CDPS General Permit Part I.F.6.d:

Employee Training (see Part I.D.1.i) – A schedule for all types of training required by this permit, content of the training, and log of the dates on which specific employees received training.

This SWPPP is the primary document utilized for stormwater management training purposes. Training may also encompass new employee training relative to safety indoctrination, safety inspections, and hazard communication as needed.

The BMP procedures are included in Elevation training modules that are related to stormwater management to the extent of avoiding the potential contact of oil, chemical, industrial or domestic waste sludge with stormwater. The procedure titles are listed as follows. These may supplement stormwater management training as needed as part of personnel reviews of the SWPPP. Safety Data Sheets (SDS) are also utilized as part of training to ensure that employees understand the nature of chemical materials including hazards as well as properties that could cause equipment leaks.

5.2.2 Good Housekeeping

CDPS General Permit Part I.F.6.d:

Good Housekeeping (see Part I.D.1.b) – A schedule for regular pickup and disposal of waste materials, along with routine inspections for leaks and conditions of drums, tanks and containers.

Refer to Section 5.2.4 and Section 6.0. There is no routine daily inspection checklist. Housekeeping goals are met by compliance with Badger CGF's procedures.

5.2.3 Minimize Exposure

CDPS General Permit Part I.D.1.a:

The permittee must minimize (as defined in Appendix C) the exposure of pollutant sources associated with manufacturing, processing, and material storage areas (including loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain, snow, snowmelt, and runoff. Minimizing exposure may include locating these industrial materials and activities inside or protecting them with storm resistant coverings.

The Facility minimizes exposure by use of housekeeping, structural & non-structural BMPs. Refer to Section 6.0 for discussion on the minimization of exposure of other miscellaneous facility operations and activities.

5.2.4 Routine Facility Inspections

CDPS General Permit Part I.F.7:

The permittee shall document inspection procedures, and maintain such procedures and other documentation with the SWMP, as follows:

- a. The permittee shall document procedures for performing the facility inspections required by Part I.G (Inspections) of the permit. Procedures must identify:
 - i) Person(s) or positions of person(s) responsible for inspection;
 - ii) Schedules for conducting inspections, including tentative schedule for facilities in climates with irregular stormwater runoff discharges; and
 - iii) Specific items to be covered by the inspection, including inspection schedules for specific outfalls.
- b. The permittee shall maintain inspection documentation with the SWMP as required by Part I.G of this permit.
- c. Permittees that invoke the exception to monthly inspections for inactive and unstaffed facilities must include in the SWMP the signed and certified documentation to support this claim as required Part I.G.

To be updated...Refer to **Appendix D**. Visual inspections are completed as a part of the facility's SWPPP program.

During the course of each day, the following equipment is visually inspected at a minimum:

- Drums
- Tanks
- Secondary containment
- Oil-handling Equipment

Inspection forms help to ensure corrective actions are initiated before any deterioration or malfunction occurs and any defects are repaired as soon as possible. All records are retained for at least three years.

5.2.5 Spill Prevention and Response Procedures

CDPS General Permit Part I.D.1.d:

The permittee must minimize the potential for leaks, spills and other releases that may be exposed to stormwater and develop plans for effective response to such potential spills.

Written Facility procedures for prevention of and responding to spills/releases are given in **Appendix E**. Other Best Management Practices (BMPs) for housekeeping, preventative maintenance, training, and inspections are given in Section 3.0 and 5.0.

5.3 Maintenance of Control Measures

CDPS General Permit Part I.D.1.c:

The permittee must maintain all control measures (structural and non-structural) used to achieve the effluent limits required by this permit in effective operating condition. The permittee must conduct maintenance of control measures in accordance with Part.I.C (Control Measures) of this permit.

To be updated...This facility shall maintain the BMPs listed above in good working order to help prevent potential pollutants from entering stormwater. Preventive maintenance of all oil and chemical handling equipment is performed on a periodic basis. Schedules and written procedures for preventive maintenance are developed based on manufacturer's recommendations, operator experience, and/or local, state, and federal regulations.

5.4 Existing BMPs

To be updated...Based upon the facility SWPPP evaluation, Section 4.1 (Summary of Potential Pollutant Sources) identified those types and locations of equipment that can potential impact stormwater as a result of operational or equipment failure or human error. The facility has structural and non-structural BMPs that are currently utilized, and will continue to be utilized.

Refer to the following table for equipment/equipment areas selected for continued BMP use/inspection.

Unit Name	Type of Equipment	Continuing Structural or Non-Structural BMP Selected for Use
Yard Area	Personnel	Employee Training
Material Handling Activities	All raw materials, petroleum products, chemicals	Good Housekeeping
Trash Dumpster	Trash Dumpster	Kept covered and locked

6.0 GOOD HOUSEKEEPING MEASURES

6.1 Fugitive Dust Emissions

To be updated...The Facility is not paved and the site is gravel, so visual inspections will be done to ensure dust emissions are kept at a minimum. If emissions become excessive, then site wetting should be implemented periodically to reduce the emissions.

6.2 Delivery Vehicles

To be updated...There is no substantial delivery vehicle traffic.

6.3 Oil Unloading Areas

To be updated...There are no oil unloading areas on site.

6.4 Chemical Loading/Unloading Areas

To be updated...There are no bulk transfers of chemicals on site.

6.5 Miscellaneous Loading/Unloading Areas

To be updated...This site does have miscellaneous loading/unloading material transfer on site. All materials listed in 4.3 and 4.4 are loaded and unloaded by the pallet. There is a spill kit located nearby in case of a spill.

6.6 Small Liquid Storage Tanks

To be updated...There are no small liquid storage tanks on site.

6.7 Large Bulk Fuel Storage Tanks

Refer to Section 4.4 of this plan.

6.8 Spill Reduction Measures

Refer to Section 5.0 of this plan.

6.9 Oil Bearing Equipment

Refer to Section 4.4 of this plan.

6.10 Residue Hauling Vehicles

To be updated...There are no residue hauling vehicles on site.

6.11 Ash Loading Areas

To be updated...There are no ash loading activities on site.

6.12 Areas Adjacent to Disposal Ponds or Landfills

To be updated...The Facility is not adjacent to landfills or disposal ponds.

6.13 Landfills, Scrap Yards, Surface Impoundments, Open Dumps, General Refuse Sites

To be updated...The Facility is not adjacent to landfills, scrapyards, surface impoundments, open dumps, or refuse sites.

6.14 Maintenance Activities

6.14.1 Vehicle and Equipment Storage Areas

The vehicles stored on site are listed in Section 4.2.3.

6.14.2 Fueling Areas

To be updated...There are no fueling areas at this site.

6.14.3 Universal Waste Storage Areas

To be updated...There is no universal waste created at this site.

6.14.4 Vehicle and Equipment Cleaning Areas

To be updated...Vehicles and equipment are serviced offsite.

6.14.5 Vehicle and Equipment Maintenance Areas

To be updated...Both vehicles and equipment are sent offsite for maintenance.

6.14.6 Material Storage Areas

To be updated...The different materials stored on site are listed in Sections 4.3 and 4.4.

7.0 CERTIFICATION AND SIGNATURE REQUIREMENTS

Under the Colorado General Stormwater Permit, the Facility will document monitoring, inspections, maintenance activities and training. In particular, observations will be made of any discharges in accordance with the CDPS permit. Such documentation is kept on site for a period of three years and is made available to state or federal agencies as needed upon request.

The following subsections represents the various areas of documentation.

7.1 Spills and Leaks

There have been no significant spills or leaks of pollutants in the past three years.

7.2 Stormwater Monitoring Requirements

Stormwater monitoring is not required for this facility.

7.3 Site Inspections

Refer to Section 3.3. Inspection records are maintained in **Appendix C**.

7.4 Amendments to SWPPP

CDPS General Permit Part I.E.7.b.ii:

The permittee must modify the SWMP whenever there is a change in design, construction, operation, or maintenance at the facility that significantly changes the nature of pollutants discharged in stormwater from the facility, significantly increases the quantity of pollutants discharged, or that requires the permittee to implement new or modified control measures.

To be updated...Refer to **Appendix D** for the evaluation report.

PERIODIC SIGNED INSPECTION REPORTS

Refer to **Appendix C**.

ANNUAL COMPLIANCE EVALUATION CERTIFICATION	
Date of Site Visit	Purpose
	Annual Evaluation

FIGURES

APPENDIX A

REPORTABLE SPILL RECORDS

FACILITY LIST OF SIGNIFICANT SPILLS AND LEAKS

INSTRUCTIONS: Record below all significant spills and significant leaks of toxic or hazardous pollutants that occur at the facility. Keep in record files for at least 3 years from the expiration of the Permit (August, 2020).

DEFINITIONS: Significant spills include, but are not limited to, releases of oil or hazardous substances in excess of reportable quantities.

[illegible]

Worksheet #4

Completed by:

Date:

SWC of Weld County Roads 6 and 15, Weld County, CO

Directions: Record below all significant spills and significant leaks of toxic or hazardous pollutants that have occurred at the facility in the three years prior to the effective date of the permit.

Definitions: Significant spills include, but are not limited to, releases of oil or hazardous substances in excess of reportable quantities.

[illegible]

APPENDIX B

EMPLOYEE TRAINING RECORDS

STORM WATER TRAINING RECORD FORM

TYPE OF INSTRUCTION: Training Program / Education Program

INSTRUCTOR: _____ **DATE:** _____

TOPICS: _____

[illegible]

STORM WATER TRAINING RECORD FORM

TYPE OF INSTRUCTION: Training Program / Education Program

INSTRUCTOR: _____ **DATE:** _____

TOPICS: _____

[illegible]

STORMWATER POLLUTION PREVENTION TEAM**Worksheet #1**

Completed by:

Title:

Date:

MEMBERSHIP ROSTER

Facility Information: Badger Central Gathering

Facility _____

Physical Address (actual physical location): SWC of _____

Weld County Roads 6 and 15, Weld County, CO _____

Mailing Address (P.O. Box, Rural Route and Box, or Street Address) _____

City _____

State _____

Zip _____

Team Leader:

Title: Facility Supervisor

Phone:

Responsibilities: TO PROVIDE THE LEADERSHIP TO ENSURE THE DEVELOPEMENT AND IMPLEMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN. LEAD ONGOING COMPLIANCE, REVIEW AND UPDATE OF THE PLAN.

Members:

1. Title: HSE Technical Professional –

Responsibilities: TO ASSIST IN DEVELOPEMENT AND IMPLEMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN. PROVIDE LEADERSHIP & SET GOOD EXAMPLES FOR ON ONGOING COMPLIANCE AND PLAN REVIEW

2. Title: District Manager –

Responsibilities: TO ASSIST IN DEVELOPEMENT AND IMPLEMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN. PROVIDE LEADERSHIP & SET GOOD EXAMPLES FOR ON ONGOING COMPLIANCE AND PLAN REVIEW.

3. Title: Assistant District Manager –

Responsibilities: TO ASSIST IN DEVELOPEMENT AND IMPLEMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN. PROVIDE LEADERSHIP & SET GOOD EXAMPLES FOR ON ONGOING COMPLIANCE AND PLAN REVIEW.

4. Title: On Site Personnel –

Responsibilities: TO ASSIST IN DEVELOPEMENT AND IMPLEMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN. PROVIDE LEADERSHIP & SET GOOD EXAMPLES FOR ON ONGOING COMPLIANCE AND PLAN REVIEW.

EMPLOYEE TRAINING

Badger Central Gathering Facility

(Section 2.4.2)**Worksheet #9**

Completed by:

Title:

Date:

Location: SWC of Weld County Roads 6 and 15, Weld County, CO

Instructions: Develop a schedule for implementing each BMP. Provide a brief description, the steps necessary for implementation (i.e., any construction or design), the schedule for completing those steps (list dates), and those responsible for implementation.

Training Topic	Brief Description of Training Program / Materials (e.g., film, newsletter, course)	Schedule for Training (list dates)	Attendees
SPILL PREVENTION AND RESPONSE	REVIEW \ DISCUSS AT FACILITY HSE MEETINGS		ALL EMPLOYEES
GOOD HOUSEKEEPING	REVIEW \ DISCUSS AT FACILITY HSE MEETINGS. USE TIERED INSPECTIONS FOR TRAINING & AWARENESS.		ALL EMPLOYEES
MATERIAL MANAGEMENT PRACTICES	MATERIALS MANAGEMENT TRAINING		ALL EMPLOYEES
EMPTY CONTAINER HANDLING AND DISPOSAL	MONTHLY FACILITY HSE MEETING TOPIC		ALL EMPLOYEES

APPENDIX C

INSPECTION FORMS AND RECORDS

**NON-STORM WATER DISCHARGE
ASSESSMENT AND CERTIFICATION**

Worksheet #5

Completed by: _____

Title: _____

Date: _____

Location: NENE Section 30, Township 1 North, Range 67 West, Weld County, CO – Elevation Midstream, LLC

City: _____ State: Colorado Zip: _____

Date of Test or Evaluation	Natural Depression Directly Observed During the Test (Identify as Indicated on the Site Map)	Method Used to Test or Evaluate Discharge	Describe Results from Test for the Presence of Non-Storm Water Discharge	Identify Potential Significant Sources	Name of Person Who Conducted the Test or Evaluation

CERTIFICATION

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 gather and evaluate 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 of knowing violations.

A. Name:	B. Area Code & Telephone:
C. Signature:	D. Date Signed:

NOTE: This worksheet MUST be signed by the District Manager or Assistant District Manager.

APPENDIX D

STORMWATER SAMPLING, MONITORING, AND REPORTING

FORMS AND RECORDS

COMPREHENSIVE SITE COMPLIANCE EVALUATION REPORT

Inspector: _____ **Team Leader:** _____
Title: _____ **Title:** _____
Date: _____ **Date:** _____

Pollution Prevention Team:

- | | |
|--|----------------|
| 1.) Are the Emergency Contact and Pollution Prevention Team Members, as listed in the Storm Water Pollution Prevention Plan (SWP3), current? | Yes / No / N/A |
| 2.) Are all titles and telephone numbers, as listed in the SWP3, current? | Yes / No / N/A |
| 3.) Are team members' responsibilities correct? | Yes / No / N/A |

Non-Storm Water Discharges:

- | | |
|---|----------------|
| 4.) Was there an investigation of potential non-storm water discharges? | Yes / No / N/A |
| 5.) Have any permitted non-storm water discharges identified been evaluated?..... | Yes / No / N/A |
| 6.) Is there a properly signed Certification of Evaluation of Storm Water System for non-storm water discharges?..... | Yes / No / N/A |

Potential Pollutant Sources (PPS):

- | | |
|---|----------------|
| 7.) Are the PPS, as listed in Section 3.0 of the SWP3, accurate? | Yes / No / N/A |
| 8.) Should additional PPS be included in the SWP3?..... | Yes / No / N/A |
| 9.) Have there been changes in facility operations which have created PPS?..... | Yes / No / N/A |
| 10.) Have there been changes in facility operations which have eliminated PPS?..... | Yes / No / N/A |
| 11.) Have any PPS been removed from the facility or relocated? | Yes / No / N/A |
| 12.) Is there a current inventory of exposed material (Table 2)?..... | Yes / No / N/A |
| 13.) Storm Water Plot Plan (Figure 2) | |
| Drainage patterns either shown or described in text?..... | Yes / No / N/A |
| All PPS and exposed materials shown? | Yes / No / N/A |
| Structural controls shown? | Yes / No / N/A |
| Spill locations shown?..... | Yes / No / N/A |
| 14.) Is documentation of spills being maintained as prescribed in the SWP3?..... | Yes / No / N/A |
| 15.) Is all data from lab analyses of storm water discharges summarized annually and available for review?..... | Yes / No / N/A |

Pollution Prevention Measures and Controls:

- | | |
|--|----------------|
| 16.) Have BMPs and good housekeeping been performed routinely as prescribed in the SWP3? Facility Inspection Checklists attached?..... | Yes / No / N/A |
| 17.) Have BMPs and good housekeeping been effective in attaining the goals of the SWP3? | Yes / No / N/A |
| 18.) Can ineffective BMPs be altered to be more effective in reaching the goals of the SWP3? | Yes / No / N/A |
| 19.) Have erosion control measures and structural controls, if any, been effective and well maintained?..... | Yes / No / N/A |
| 20.) Are storm water structural controls regularly inspected? | Yes / No / N/A |

COMPREHENSIVE SITE COMPLIANCE EVALUATION REPORT

REPORT DATE: _____

<p>21.) Are maintenance frequencies established for structural controls and are they adequate?</p> <p>22.) Are potential spill areas identified?</p> <p>23.) Have procedures been developed and in use to minimize or prevent storm water contamination from spills?</p> <p>24.) Are drums, tanks, containers, etc. Clearly labeled?</p> <p>25.) Are hazardous waste containers that require special handling, storage, use and disposal clearly marked?</p> <p>26.) Is spill response equipment well maintained and located in an accessible location?</p> <p>27.) Has employee training been conducted and documented properly?.....</p> <p>28.) Are areas downstream of each outfall free of debris and spills and no erosion evident?</p>	<p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p>
<p>Monitoring and Reporting:</p> <p>29.) Are visual examinations of outfalls being performed as described in the SWP3?....</p> <p>30.) Is monitoring documentation being properly maintained on site?.....</p> <p>31.) Did the PPT investigate and identify probable sources of any observed storm water contamination?_____ If so, was the SWP3 modified?</p> <p>32.) Has sampling been performed as required by the MSGP?_____</p> <p>33.) Have annual samples been collected prior to December 31?</p> <p>34.) Does the facility claim a waiver from all or part of the hazardous metals monitoring?</p> <p>35.) Have DMRs been completed and submitted to the CDPHE, if required?.....</p> <p>36.) Is benchmark monitoring required.....</p> <p>37.) Were outfall sampling waivers required?</p> <p>38.) Are all reports and records maintained on site for 3 years?</p>	<p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p>
<p>Storm Water Pollution Prevention Plan (SWP3) Review:</p> <p>39.) Has the SWP3 been reviewed?.....</p> <p>40.) Are all Appendices complete and up to date?</p> <p>41.) Has it been signed by Management?</p>	<p>Yes / No / N/A</p> <p>Yes / No / N/A</p> <p>Yes / No / N/A</p>
<p>Management Compliance Certification:</p> <p>I certify under penalty of law that this inspection report and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly evaluated and documented information included in the report. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, this inspection report is, to the best of my knowledge and belief, true, accurate, and complete. I certify that Facility is in compliance with the Storm Water Pollution Prevention Plan as determined during the Comprehensive Site Compliance Evaluation.</p> <p>Signature: _____ Title: _____</p> <p>Name: _____ Date: _____</p>	

COMPREHENSIVE SITE COMPLIANCE EVALUATION REPORT

REPORT DATE: _____

Areas of Non-Compliance with the SWP3:

The following issues and/or areas are not in compliance with the SWP3 but will be brought into compliance with the SWP3 within **TWELVE WEEKS** of this Site Evaluation:

Issue/Area 1: _____

Issue/Area 2: _____

Issue/Area 3: _____

SWP3 Revisions:

The following changes will be made to the SWP3 within **30 DAYS** of this Site Evaluation. These revisions are derived from the Comprehensive Site Compliance Evaluation and result from conditions at the Badger Central Gathering Facility which have changed since previous revisions of the SWP3.

Rev Issue 1: _____

Rev Issue 2: _____

Rev Issue 3: _____

Management Certification of Non-compliance Corrections and SWP3 Revisions:

I certify under penalty of law that the non-compliant issues and SWP3 revisions listed in this inspection report have been completed under my direction or supervision in accordance with a system designed to assure that qualified personnel completed the required work. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for performing the required work, I certify that the Facility is in compliance with the CDPS General Permit and the facility Storm Water Pollution Prevention Plan.

Signature: _____ **Title:** _____

Name: _____ **Date:** _____

APPENDIX E

ELEVATION BEST MANAGEMENT PRACTICES (BMPS)

BMP IDENTIFICATION
Badger Central Gathering Facility
(Section 2.3.1)

Worksheet #7a

Completed by:

Title:

Date:

Location: SWC County Roads 6 & 15, Weld County, CO

Instructions: Describe the Best Management Practices you have selected to include in your plan. For each of the baseline BMPs, describe actions that will be incorporated into facility operations. Also describe any additional BMPs (activity-specific and site-specific) you have selected. Attach additional sheets if necessary

Best Management Practices	Brief Description of Activities
Good Housekeeping	MATERIALS STORED PROPERLY. KEEP WORK AREAS ORGANIZED. ADDRESS SPILLS PROPERLY. PROVIDE COMPLETE MAINTENANCE AS NEEDED. CREATE AND IMPLEMENT A "CLEAN" STANDARD. CONTINUE EMPLOYEE AWARENESS TRAINING. PERFORM MONTHLY TIERED INSPECTIONS OF ALL WORK AREAS.
Preventative Maintenance	COMPLETE PROPER PRE/POST TRIP INSPECTIONS RECORDING ANY DEFICIENCIES. IDENTIFY, SCHEDULE, RESPOND TO ANY DEFICIENCIES. IMPLEMENT ACCOUNTABILITY FOR EQUIPMENT AND WORK AREAS.
Inspections	COMPLETE MONTHLY FACILITY TIERED INSPECTIONS. FOLLOW UP BY COMPLETING ACTION ITEMS IN A TIMELY MANNER. PRE/POST TRIP INSPECTIONS COMPLETED AND CORRECTIVE ACTIONS COMPLETED.
Spill Prevention Response	AWARENESS TRAINING. FOLLOW PROPER MAINTENANCE PROCEDURES. GOOD HOUSEKEEPING. PROPER INCIDENT REPORTING AND FOLLOW UP. SPILL KITS USED AND MAINTAINED.
Sediment and Erosion Control	KEEP TRUCKS OFF VEGETATION & NON-DRIVEWAY AREAS. GRAVEL THE PARKING AND OUTSIDE EQUIPMENT STORAGE AREAS, AS NEEDED.
Management of Runoff	ENGINEERING CONTROLS (DITCHES ON LOWER SIDES). GOOD HOUSEKEEPING. SPILL PREVENTION AND RESPONSE. MAINTAIN YARD. CLEAN UP SPILLAGE IMMEDIATELY.
Additional BMPs (Activity-Specific and Site-Specific)	ACCOUNTIBILITY OF WORK AREAS AND PARKING AREAS. CONTINUE WITH TIERED INSPECTION PROGRAM WITH TIMELY CORRECTIVE ACTIONS.
Storm Water and Exposure controls	CLEANUP AND REMOVE ANY SPILLS DAILY TO PREVENT STORMWATER CONTAMINATION

IMPLEMENTATION
Badger Central Gathering Facility
(Section 2.4.1)

Worksheet #8

Completed by:

Title:

Date:

Location: SWC County Roads 6 & 15, Weld County, CO

Instructions: Develop a schedule for implementing each BMP. Provide a brief description, the steps necessary for implementation (i.e., any construction or design), the schedule for completing those steps (list dates), and those responsible for implementation.

BMPs	Description of Action Required for Implementation	Scheduled Completion Date	Person Responsible for Action	Notes
Good Housekeeping	PSL's/department define minimum expectations		All employees	
	Provide resources and implement.		All employees	
	Follow Up.		All employees	
	Tiered Inspection Program with Corrective Actions.		All employees	
Preventative Maintenance	Employee Awareness Training			
	Accountability		All employees	
Inspections	Conduct Tiered Inspections		All employees	
	Pre/Post Trip Inspections		All employees	
Spill Prevention Response	Review Awareness Training.		All employees	
	Procedures Followed		All Employees	
Sediment and Erosion Control	Maintain Gravel Covering		All employees	
	Clean Facility Yard		All employees	
Management of Runoff	See Good Housekeeping		All employees	
	See Inspections			
Additional BMPs (Activity-specific and Site-specific) Accountability	All employees are accountable for this SWP3.		All employees	
	Remove all spills on a daily basis to keep from contaminating any storm water.		All employees	
Storm water and exposure control				

APPENDIX F

EROSION AND SEDIMENT CONTROL PLAN

(IF APPLICABLE)

APPENDIX G

COMPLIANCE CALENDAR

BADGER CENTRAL GATHERING FACILITY – WELD COUNTY, CO
STORMWATER COMPLIANCE CALENDAR
INSPECTIONS, MONITORING AND REPORTING SUMMARY

Title	Permit Part	Frequency	Due	Records Required?
Non-Stormwater Discharge Inspection	Part 8.2.6	One time, thereafter as needed (e.g. when a Compliance Inspection documents an issue)	Immediately	Yes
Semi-Annual Comprehensive Site Inspection	Part 9.1	Twice per year, once between January and June and once between July and December	6/30 and 12/31	Yes

GENERAL GUIDANCE

NON-STORMWATER INSPECTION: Visual inspection of the site during periods when the site is relatively dry and rainfall is not occurring. There are specific lists of allowable and non-allowable discharges, but as a general rule, anything that is not stormwater should not enter stormwater outfalls, drains or conduits.

SEMI-ANNUAL COMPREHENSIVE SITE INSPECTION: A site inspection should encompass the following areas at a minimum: discharge outlets from areas used for industrial activities; areas contributing to any storm water discharge associated with industrial activity shall be visually inspected for evidence of, or the potential for, pollutants flowing off-site; measures to reduce pollutant loadings shall be evaluated to determine whether they are adequate and properly implemented in accordance with terms of the permit or whether additional control measures are needed; structural storm water management measures, sediment and erosion control measures, and other structural pollution prevention measures identified in the SWPPP shall be observed to ensure that they are operating correctly; a visual inspection of equipment needed to implement the SWPPP, such as spill response equipment, shall be conducted.

BADGER CENTRAL GATHERING FACILITY – WELD COUNTY, CO
STORMWATER COMPLIANCE ACTION ITEM IMPLEMENTATION SCHEDULE

Action items are listed in the implementation schedule below. The Facility Supervisor shall enter the actual date of completion of each item. Completed action items will be removed from the list at the next SWPPP revision.

Action Item	Responsible Person	Completion Deadline	Actual Date Completed
1.			
2.			
3.			
4.			
5.			
6.			