UTAH DEPARTMENT of ENVIRONMENTAL QUALITY
WATER QUALITY

MS4 High Priority Facility
SWPPP Template

This template has been developed to assist Municipal Separate Storm Sewer System (MS4) Operators in Utah comply with the requirements under Utah's MS4 Permits and the requirements for high priority facilities. This template is not a substitute for specific general permit requirements. A copy of the current MS4 Permits are available at: https://deq.utah.gov/water-quality/municipal-separate-storm-sewer-system-ms4s-permits-updes-permits

Depending on the facility's Standard Industrial Classification (SIC) Code, Industrial Storm Water Multi-Sector General Permit (MSGP) and the requirements for specific industrial sectors (Appendix I of the Permit) may also be required. If this is the case, the MS4 operator must follow requirements of the MSGP including any specific SWPPP requirements. A complete list of the SIC codes required to obtain permit coverage as well as the SIC specific requirements can be found on the Division of Water Quality's website at: https://deq.utah.gov/water-quality/general-multi-sector-industrial-storm-water-permit-updes-permits

Using the High Priority SWPPP Template

- **This template is designed for use by all high priority facilities. The template is NOT tailored to your individual high priority facility.**
- **Each section includes instructions and space for your facility's specific information. You should read the instructions for each section before you complete that section. The Template was designed so that you can add tables and additional text if necessary.**
- **To make it easier to complete, the Template generally uses blue text where the operator is expected to enter information.**
- **Your completed SWPPP should remain on site and be easily accessible if requested by an inspector. A copy of the SWPPP does not need to be submitted to the State.**

The Utah Division of Water Quality (DWQ) notes that while DWQ has made every effort to ensure the accuracy of all instructions and guidance contained in the Template, the actual obligations of regulated industrial facilities are determined by the relevant provisions of the permit, not by the Template. In the event of a conflict between the Template and any corresponding provision of the MS4 Permit(s), the permit controls. DWQ welcomes comments on the Template at any time and will consider those comments in any future revision of this document.

UTAH DEPARTMENT of ENVIRONMENTAL QUALITY
WATER QUALITY

Storm Water Pollution Prevention Plan

for:

Draper Public Works
72 Sivogah Ct.
Draper, Utah 84020
801-576-6557

SWPPP Contact(s):

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SWPPP Preparation Date:

10/ 5 / 2023

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SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION.

1.1 Facility Information.

Facility Information

Name of Facility: Draper Public Works

Street: 72 Sivogah Ct.

City: Draper State: UT ZIP Code: 84020

Estimated area of industrial activity at site exposed to storm water: 9 (acres)

Discharge Information

Does this facility discharge storm water to surface or ground water?

☒Yes ☐No

If discharging to an MS4, name of MS4 operator: Draper City

Name(s) of surface water(s) that receive storm water from your facility:

East Joran Canal

Describe infiltration practices if storm water has the potential to discharge to ground water: Approximately 40% of the site is pervious and can allow infiltration.

1.2 Storm Water Pollution Prevention Team.

Instructions:

The storm water pollution prevention team is responsible for overseeing development of and any modifications to the SWPPP, implementing and maintaining control measures/BMPs, conducting inspections and taking corrective actions when required. The activities and responsibilities of the team shall address all aspects of the facility's storm water pollution prevention plan.

- Identify the staff members (by name and/or title) that comprise the facility's storm water pollution prevention team as well as their individual responsibilities.

Staff Names	Individual Responsibilities
Storm Water Specialist	Inspections, Coordination with all other SWPPP members to complete deficiencies, update SWPPP and SOP's as needed, training of staff
Storm Water Compliance Inspector	Inspections, Coordination with all other SWPPP members to complete deficiencies, update SWPPP and SOP's as needed, training of staff
Public Works Director	Coordinate with all PW staff to correct deficiencies install BMPs maintain BMPs, approved and coordinate all finances needs, training of staff
Public Works Department Forman	Coordinate the installation and maintenance of all structural and non-structural BMPS, training of staff
Public Work Staff	Install and maintain and structural and non-structural BMP's
[Repeat as necessary]	[Repeat as necessary]
[Repeat as necessary]	[Repeat as necessary]
[Repeat as necessary]	[Repeat as necessary]

1.3 Site Description.

Instructions:

Provide a general description of the "industrial activities" conducted at your facility. It is recommended that you differentiate activities that occur indoors from those that occur outdoors and could be exposed to storm water, or under cover but that could be exposed to run-on. Don't overlook processes that are vented and may contribute pollutants to the roof.

1. Vehicle Maintenance (Indoor)
2. Vehicle washing (Covered)
3. Salt Storage (Covered)
4. Salt Brine Manufacturing (Covered)
5. Waste Storage (Outdoor)
6. Vehicle Storage (Outdoor/covered)
7. Material Storage (Indoor/Outdoor)

1.4 Site Map.

Instructions:

Prepare a site map showing the following information. The site map will be included as **Attachment A** of the finished SWPPP.

- Property boundaries
- Buildings and impervious surfaces
- Directions of storm water flow (use arrows)
- Locations of structural control measures
- Facility BMPs (non-structural)
- Location and name of the nearest defined drainage(s) which could receive runoff from the facility, whether it contains water or not
- Locations of all storm water conveyances including ditches, pipes, basins, inlets, and swales
- Locations where on-site activities may be exposed to storm water, including, but limited to the following:
    - Fixed fueling operations
    - Vehicle and equipment maintenance and/or cleaning areas
    - Brine making areas
    - Loading/unloading areas
    - Waste storage or disposal areas
    - Liquid storage tanks
    - Process and equipment operating areas
    - Materials storage or disposal areas
- Locations where significant spills or leaks have occurred
- Locations of all visual storm water monitoring points
- Locations of storm water inlets and outfalls, with a unique identification code for each outfall and an approximate outline of the areas draining to each outfall;
- Locations of all non-storm water discharges
- Locations of sources of run-on to your site from adjacent properties.

The site map for this facility can be found in **Attachment A.**

SECTION 2: POTENTIAL POLLUTANT SOURCES.

Section 2 will describe all areas at your facility where industrial materials or activities are exposed to storm water or from which allowable non-storm water discharges originate. Industrial materials or activities include, but are not limited to: material handling equipment or activities; industrial machinery; raw materials; industrial production and processes; and intermediate products, by-products, final products, and waste products. Material handling activities include, but are not limited to: the storage, loading and unloading, transportation, disposal or conveyance of any raw material, intermediate product, final product or waste product. For structures located in areas of industrial activity, you must be aware that the structures themselves are potential sources of pollutants. This could occur, for example, when metals such as aluminum or copper are leached from the structures as a result of acid rain.

2.1 Risk Identification/ Potential Pollutant Sources/Exposed Materials.

Instructions:

Use the table below to create a comprehensive list of (1) industrial activities and (2) materials exposed to storm water and storm runoff.

For each item: name the pollutants or pollutant constituents (e.g., vactor decant water, compost pile, salt, motor oil, fuel, battery acid, and cleaning solvents) associated with these activities. Materials must include those handled within the past three years.

Activities may include: vehicle washing, salt loading and unloading operations; outdoor storage activities; significant dust or particulate generating processes; and onsite waste disposal practices.

Description of Potential Pollutant Sources (activities/materials/ physical features)	**Pollutants**	**Location**	**BMPs Used to Minimize Contact with Storm Water Runoff** (Ex: cover with tarps, store materials outside of drainage pathways, scheduled sweeping, etc.)	**Control Measures Used to Reduce Pollutants in Storm Water Runoff** (Ex: oil-water separators, inlet protection, detention/retention ponds, sanitary sewer connection, etc.)
Salt Storage/ Salt Loading And Unloading	Salt	East side of Main Building	Covered under Perminant Roof/ Inlet Protection/ Sweeping	Inlet Protection
Vehicle Storage	Hydrocarbons	North and East Side of Property	Cover Leaking Vehicles/ Drip Pans/ Inlet protection with oil absorbent Pads	Drip Pans if needed, Inlet protection with oil absorbent pads
Vehicle Maintenance	Hydrocarbons	Inside Main Building	All Work be done in covered areas	All work done inside, sanitary sewer connection
Waste Disposal Practices	Debris/litter	Throughout Site	Cover dumpsters where applicable/ regular trash pick up	Inlet protection
Supply Storage	Sediment/ Debris/litter	Throughout Site	Inlet protection/ sweeping/ store materials in covered areas where whenever possible	Inlet protection
Salt Brine Processing	Salt	Salt Brine Shed	Covered under Perminant Roof/ Inlet Protection/ Sweeping	Inlet protection

[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]
[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]
[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]
[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]

2.2 Spills and Leaks.

Instructions:

Use the following table to provide a list of any significant (25 gallons or more) spills and leaks of oil or hazardous pollutants, that occurred in the prior 3 years. Significant spills and leaks are required to be reported to DEQ if discharged to a waterbody or MS4.

Note: Significant spills and leaks include, but are not limited to, releases of oil or hazardous substances in excess of quantities that are reportable under CWA Section 311 (see 40 CFR 110.6 and 40 CFR 117.21) or Section 102 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 USC §9602.

Description of Past Spills/Leaks

Date	Description	Corrective Action
Insert date of spill/leak	Insert description of spill/leak (where it occurred, what happened, types of pollutants, extent of damage)	Describe remediation actions
[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]
[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]
[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]
[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]
[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]
[Repeat as necessary]	[Repeat as necessary]	[Repeat as necessary]

2.3 Allowable Non-storm Water Discharges.

Instructions:

Use the following table to summarize your non-storm water discharge evaluation results. The table contains the complete list of allowable non-storm water discharges from section 1.2.2. of the MS4 Permits.

Allowable Non-Storm Water Discharge	Locations	Controls

Water line flushing	Describe location or absence	Describe BMPs for discharges
Landscape irrigation	Describe location or absence	Describe BMPs for discharges
Diverted stream flows	Describe location or absence	Describe BMPs for discharges
Rising ground waters	Describe location or absence	Describe BMPs for discharges
Uncontaminated ground water infiltration	Describe location or absence	Describe BMPs for discharges
Uncontaminated pumped ground water	Describe location or absence	Describe BMPs for discharges
Discharges from potable water sources	Describe location or absence	Describe BMPs for discharges
Foundation drains	Describe location or absence	Describe BMPs for discharges
Air conditioning condensate	Describe location or absence	Describe BMPs for discharges
Irrigation water	Describe location or absence	Describe BMPs for discharges
Uncontaminated springs	Describe location or absence	Describe BMPs for discharges
Water from crawl space pumps	Describe location or absence	Describe BMPs for discharges
Footing drains	Describe location or absence	Describe BMPs for discharges
Lawn watering runoff	Anywhere with Sod	Inlet protection
Individual residential car washing	Describe location or absence	Describe BMPs for discharges
Flows from riparian habitats and wetlands	Describe location or absence	Describe BMPs for discharges
Dechlorinated swimming pool discharges	Describe location or absence	Describe BMPs for discharges
Residual street wash water	Describe location or absence	Describe BMPs for discharges
Dechlorinated water reservoir discharges	Describe location or absence	Describe BMPs for discharges
Discharges or flows from emergency firefighting activity	Describe location or absence	Describe BMPs for discharges

SECTION 3: NON-STRUCTURAL STORM WATER CONTROL MEASURES.

Instructions:

Structural BMPs on site should have been addressed in Section 2.1. Use this section to describe any non-structural BMPs such as good housekeeping practices, preventative maintenance programs, spill prevention and response procedures, and inspections to prevent pollutants from entering the storm drain system

3.1 Good Housekeeping.

Instructions:

Describe any practices you are implementing to keep exposed areas of your site clean. Describe where each practice is being implemented at your site. Include here your schedule for: (1) regular pickup and disposal of waste materials, and (2) routine inspections for leaks and of the condition of drums, tanks and containers. Additional good housekeeping can include using dumpsters with closed lids and using sweeper trucks to clean paved surfaces. Include any relevant MS4 SOPs in **Attachment B**.

All exposed areas of property and inspected during the monthly visual inspections. All trash, debris, or uncovered contaminants found during these inspections are cleaned up and stored or disposed of properly.

3.2 Maintenance.

Instructions:

Describe procedures (1) to maintain industrial equipment so that spills/leaks are avoided and (2) to keep control measures in effective operating condition. Include the schedule you will follow for such maintenance activities. Describe where each applicable procedure is being implemented at the site. Include any relevant MS4 SOPs in **Attachment B**. Maintenance records for BMPs must be kept in **Attachment C**.

All industrial equipment that is identified to leak is either maintained to stop leaks as soon as feasible. If un feasible for an extended amount of time vehicle is stored in a covered location or temporarily covered and drip pans are installed under leaking area.

All BMPs are inspected monthly by Storm water Specialist or Storm water Compliance Inspector to insure effectiveness. If any BMP is observed during these inspections to need maintenance a service order is put in place to have the responsible party preform the maintenance as soon as feasible.

3.3 Spill Prevention and Response.

Instructions:

Describe any structural controls or procedures used to minimize the potential for leaks, spills and other releases. Procedures for cleaning up spills shall also be identified. This may also be satisfied by having a reference to your Spill Pollution Prevention and Countermeasure Plan (SPCCP) if there is one in place.

Descriptions may include properly labeling containers, any procedures for material storage and handling (secondary containment or barriers to protect storage areas), training on spill response and proper notification, and strategically located spill kits. Include any relevant MS4 SOPs in **Attachment B**.

To prevent spills from coming in contact with storm water, all oil and potential hazardous material is stored in covered areas. If a spill is to occur the spill response SOP is to be followed (See attachment B).

3.4 Erosion and Sediment Controls.

Instructions:

Describe any areas that have a high potential for significant soil erosion and identify structural, vegetative, and/or stabilization measures used to limit erosion.

Approximately 150 feet of the southern boundary of the property is a slope running into the property. The entire slope is covered in >80% vegetation. This slope in inspected during the Semi-Annual Comprehensive Inspection for slope stability and for indications of erosion.

The property is self-contained and does not sheet flow off site. All storm water that lands on site is collected by the storm drain inlets on site and is discharged into the Draper City MS4.

3.5 Management of Runoff.

Instructions:

Describe the appropriateness and use of controls at your site to divert, infiltrate, reuse or otherwise manage storm water runoff in a manner that reduces pollutants in storm water discharges (other than control of the generation of pollutant sources). Activities may include vegetative sales and practices, reuse of collected storm water, snow management activities, etc.

All storm water from this site is collected in one of the catch basins on site. All catch basins on site has inlet protection installed with oil absorbent pads to absorb any hydrocarbons.

Approximately 50% of the site pervious surface. Some storm water does percolate into the ground before reaching the storm water system.

The entire storm water system for the site discharges at a single point at the north west corner of site.

3.6 Employee Training.

Instructions

Provide the elements of your training plan, including:

- The content of the training (spill response, good housekeeping, material management practices, etc);
- The frequency/schedule of training for employees who work in areas where industrial materials or activities are exposed to storm water, or who are responsible for implementing activities necessary to meet the conditions of the permit.
- Training logs should be kept in **Attachment D**

All staff is trained annually by Storm water specialist on correct implementation of SOP's

All public works department foremen are to preform weekly reminders of SOP's during weekly staff meetings.

SOP training will be preformed as Storm Water Specialist discretion as SOP's are not being performed properly.

SECTION 4: INSPECTIONS AND ASSESSMENTS.

4.1 Monthly Visual Inspections.

Instructions:

Describe the procedures you will follow for conducting any monthly facility inspections and related storm water outfalls (this could reference the MS4 developed SOP). Include any relevant MS4 SOPs in **Attachment B**. Inspections must be documented and included in **Attachment C**.

Inspections must include:

- Visual check of all storm water related outfalls at the high-priority facility
- Verification of the performance of the BMPs and all other systems designed and placed to eliminate pollutant discharges (this should reference BMPs identified in Section 2.1)
- Documentation of any identified deficiencies and the corrective actions taken to fix the deficiencies (including dates) in an inspection log

https://www.draperutah.gov/974/Storm-Water-Management-Plan-SWMP

4.2 Semi-Annual Comprehensive Inspections.

Instructions:

Describe the procedures you will follow for conducting any Semi-Annual Comprehensive facility inspections (this could reference the MS4 developed SOP). Include any relevant MS4 SOPs in **Attachment B**. Include locations to inspect and schedule. Document any findings of your facility inspections and maintain this report with your SWPPP. Inspections must be documented and included in **Attachment C**. The EPA has an industrial storm water inspection form that can be used: https://www.epa.gov/sites/production/files/2015-09/documents/msgp2008_appendixi.pdf

At a minimum, a comprehensive site compliance evaluation must be completed twice a year. This should include:

- Visual inspection of all storm water related outfalls at the high-priority facility
- Verification of the performance of the BMPs and all other systems designed and placed to eliminate pollutant discharges (this should reference BMPs identified in Section 2.1)
- Visual inspection of waste storage areas, dumpsters, vehicle and equipment maintenance/fueling areas, material handling areas, and similar pollutant- generating areas (must be identified in Section 2.1.)
- Documentation of any identified deficiencies and the corrective actions taken to fix the deficiencies (including dates) in an inspection report
- Review of monthly inspections to identify BMP effectiveness or ongoing maintenance concerns
- Any updates or modifications to the SWPPP including updated contact information, updated potential pollutant sources, or changes in pollution prevention measures.

https://www.draperutah.gov/974/Storm-Water-Management-Plan-SWMP

4.3 Annual Visual Assessment of Storm Water Discharges.

Instructions:

Describe the procedures you will follow for conducting quarterly visual assessments of storm water discharges from each outfall (this could reference the MS4 developed SOP). Include any relevant MS4 SOPs in **Attachment B**.

The visual assessment should be made:

- On samples collected within the first 30 minutes (or as soon as practical, but not to exceed one hour) from when runoff or snow melt begins discharging. Observations shall include color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen and other pollution indicators; and
- For storm events, on discharges that occur at least 72 hours (3 days) from the previous discharge and that are greater than 0.1 inches in magnitude.

Document the results of your visual assessments and maintain this documentation onsite with your SWPPP in **Attachment C**. A monitoring report form is available on the DWQ website to record visual inspections.

https://www.draperutah.gov/974/Storm-Water-Management-Plan-SWMP

SECTION 5: DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATIONS UNDER OTHER FEDERAL LAWS.

5.1 Other Laws.

Instructions:

If applicable, include any documentation you have that supports your compliance with other storm water requirements or laws. These could include local storm water requirements, and laws pertaining to threatened or endangered species or historic properties.

5.2 EPCRA Section 313 Requirements.

Instructions:

If the facility contains Section 313 water priority chemicals, describe practices such as covers or drainage control to prevent or minimize exposure of storm water and wind and discuss measures taken to conform with other Section 313 regulations.

SECTION 6: SWPPP CERTIFICATION.

Instructions:
The following certification statement must be signed and dated by a person who meets the requirements of the MS4 Permit Part 6.8.

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: Robert Markle Title: Deputy Public Works Director/City Engineer

Signature: DocuSigned by: Robert Markle 9EB7B5DAC2024F9... Date: 10/24/2023 | 9:40 AM MDT

SWPPP ATTACHMENTS

Attach the following documentation to the SWPPP:

Attachment A – Site Map

Include a copy of your site map(s).

Attachment B – MS4 SOPs

Attach copies of relevant pollution prevention and good housekeeping SOPs

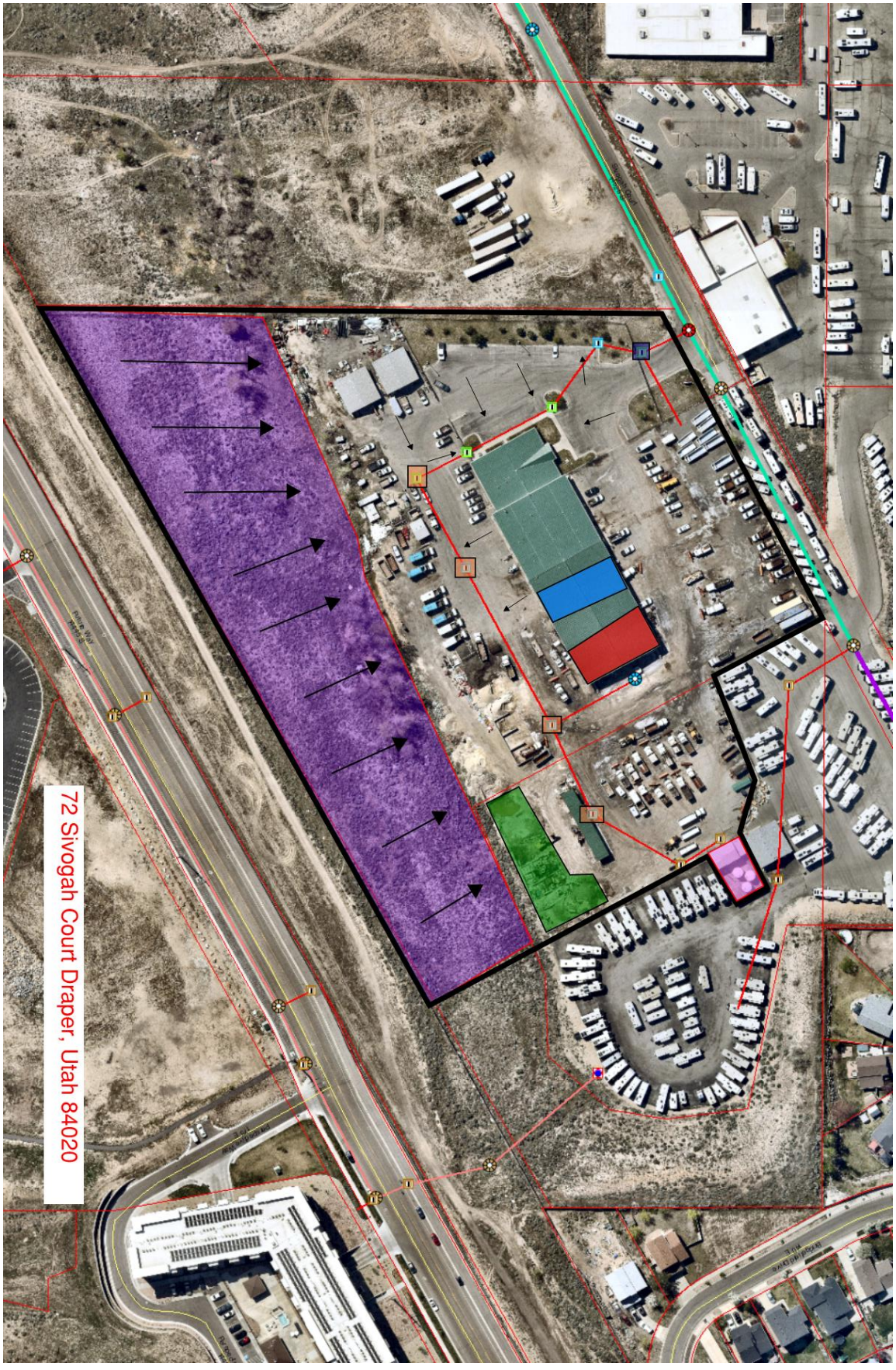
Attachment C – Inspection and Maintenance Reports

Attach copies of completed inspection and maintenance reports.

Attachment D – Training Records

Attach copies of completed training records.

APPENDIX A:



KEY:

Steep Slopes:

Flow Lines:

Inlet Protection:

Brine Making area:

Property Boundary:

Outfall:

Salt Storage:

Equipment Washing Area:

Waste Disposal Area:

Storm Drain Pipe:

APPENDIX B:

For a complete list of SOP's please follow the link below:

https://www.draperutah.gov/974/Storm-Water-Management-Plan-SWMP

APPENDIX C:

To see all inspection reports please follow the file patch below or request inspection by contacting the Storm Water Special

S:\Shared Engineering\SWMP\2024 SWMP\SWMP In Progress\Appendix D-Documentation\MCM 6\6G-PW Monthly Insp\Public Works Facility Weekly Inspections.

APPENDIX D

Training Records:

All training records are kept at the file path below.

S:\Shared Engineering\SWMP\2024 SWMP\SWMP In Progress\Appendix D-Documentation\MCM 1\1F-Municipal IDDE Training