Payson City

Permit No. UTR090000

Payson City

Storm Water Management Plan

Amended September 2022

Submitted to:

State of Utah

Department of Environmental Quality
Division of Water Quality

Submitted by:

Payson City, Public Works Department

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Updated by:

T·O ENGINEERS

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Abbreviations

BMP	Best Management Practice
DEQ	Department of Environmental Quality
EPA	Environmental Protection Agency
IDDE	Illicit Discharge Detection and Elimination
LID	Low Impact Development
MS4	Municipal Separate Storm Sewer System
MSGP	Multi Sector General Permit
NPDES	National Pollutant Discharge Elimination System
O&M	Operation and Maintenance
SOP	Standard Operating Procedures
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
TMDL	Total Maximum Daily Load
UPDES	Utah Pollutant Discharge Elimination System

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MS4 Overall strategy

The City of Payson has adopted a three-part strategy to address and reduce the pollutants identified in the following table. The three parts are education, maintenance, and review of new construction within the MS4.All of which are described in more detail in their corresponding the permit sections below.

Pollutant	Source	Impacts
Sediment	Construction sites, vehicle/boat washing, agricultural sites, erosion	Destruction of aquatic habitat for fish and plants, transportation of attached oils, nutrients and other chemical contamination, increased flooding. Sediment can transport other pollutants that are attached to it including nutrients, trace metals, and hydrocarbons. Sediment is the primary component of total suspended solids (TSS), a common water quality analytical parameter.
Nutrients (Phosphorus, Nitrogen Potassium, Ammonia)	Fertilizers from agricultural operations, lawns and gardens; livestock and pet waste, decaying vegetation, sewer overflows and leaks.	Harmful algal blooms, reduced oxygen in the water, changes in water chemistry and pH. Nutrients can result in excessive or accelerated growth of vegetation, resulting in impaired use of water in lakes and other receiving waters.
Hydrocarbons (Petroleum Products, Benzene, Toluene, Ethyl benzene, Xylene)	Vehicle and equipment fluid leaks, engine emissions, pesticides, equipment cleaning, leaking fuel storage containers, fuel spills, parking lot runoff	These pollutants are toxic to humans and wildlife at very low levels. Carcinogenic. Teratogenic.
Heavy Metals	Vehicle brake and equipment wear, engine emissions, parking lot runoff, batteries, paint and wood preservatives, fuels and fuel additives, pesticides, cleaning agents	Metals including lead, zinc, cadmium, copper, chromium and nickel are commonly found in storm water. Metals are of concern because they are toxic to all life at very low levels. Carcinogenic. Teratogenic
Toxic Chemicals (Chlorides)	Pesticides, herbicides, dioxins, PCBs, industrial chemical spills and leaks, deicers, solvents	Chemicals are of concern because they are toxic to all life at very low levels. Carcinogenic. Teratogenic.
Debris/Litter/Trash	Improper solid waste storage and disposal, abandoned equipment, litter	Aesthetically unpleasant. Risk of decay product toxicity. Risk of aquatic animal entrapment or ingestion and death.
Pathogens (Bacteria)	Livestock, human, and pet waste, sewer overflows and leaks, septic systems	Human health risks due to disease and toxic contamination of aquatic life.

Education of the public is the first element of the three-part strategy. However, the education is only as good as the audience you are able to reach. The City of Payson uses the Utah County Stormwater Coalition to educate the public about the threat of pollutants in stormwater. The Coalition represents the combined effort of several communities within Utah county. Payson considered the combined effort of the coalition to be greater than the sum of its parts and therefore chooses to funnel most of its efforts of education into the coalition. More information on these efforts can be found in section 4.2.1.

Since education is usually not enough to reduce pollution, maintenance of existing BMPs account for the second part of the strategy. For this, sediment has been specifically targeted to help reduce pollution. Sediment collecting in the storm drain system and on the roads is often the first area where private pollution crosses over into the public domain. For this reason, Payson has heavily focused on sediment in its previous submission. It is a tangible maintenance BMP that affects almost all the pollutants. Sediment can contain or affect phosphorus, nitrogen, turbidity, temperature, trash, debris, petroleum, and heavy metal levels within a water body. Specifically targeted nutrients are described in sections 3.1 and 3.2. Payson currently engages in street sweeping the whole city once per two weeks and catch basin cleaning is performed once a month and covers the whole city over the course of a year.

With the update of this permit, Payson will be expanding their maintenance regime. Dry weather sampling, drainage cleaning, maintenance of vegetated BMPs, and other maintenance efforts described in section 4.1.3.1 are aimed at targeting other places where private pollution meets the public domain. Dry weather sampling will be undertaken specifically so the city can focus on specific areas of the city when installing future BMPs as well as an understanding of its current pollution.

The third and final element of the strategy is the review process for new construction. In a city like Payson, redevelopment is one of the few ways where space can be created where there was none before, which allows for the development of water quality BMPs in an ever more urbanized landscape. Therefore, the development and redevelopment review process is one of the main ways to get new stormwater BMPs into the existing infrastructure. Payson expects to use the review process to ensure that there is always an increasing number of BMPs in the city. More detail on this process is described in section 4.2.4.3. Payson will also be updating the city standards to include requirements for additional BMPs in various types of construction and existing infrastructure as time goes on.

1.0 Coverage Under This Permit

1.1 Authority to Discharge

This General Permit authorizes the discharge, to Waters of the State of Utah, of storm water from a Small MS4 as that term is defined in R317-8-1.6(15) and Part 7.0. of this Permit. This authorization is subject to all of the terms and conditions of this Permit. This General Permit does not authorize discharges prohibited under Part 1.4. of this Permit.

Payson City is an urbanized area located in Utah County, Utah south of Utah Lake along I-15 that serves 19,842 inhabitants according to the 2019 census. Payson incorporated areas are tributary to Peteetneet Creek, Dry Creek, Beer Creek, and local area wetlands which ultimately contribute to Utah Lake. The city manages a variety of storm water infrastructure including curb inlet boxes, sumps, retention basins, detention basins, and several other conveyance mechanisms to treat and transport storm water throughout the city. The city is also actively working to evaluate new development standards which encourage the use of various low impact development practices which will minimize the impact of future development on storm water quality.

Until 2013, storm water permitting was covered under the State general discharge permit. In 2013 the State required Payson City to develop a Storm Water Management Plan (SWMP) and apply for separate coverage. This SWMP has been developed to limit, to the maximum extent practicable, the discharge of pollutants to the Payson City Municipal Separate Storm Sewer System (MS4). This SWMP separately addresses the execution of the minimum control measures to limit the discharge of pollutants in the following sections. The development and implementation of this SWMP will fulfill the requirements under the State of Utah's Utah Pollutant Discharge Elimination System (UPDES) Permit No. UTR090000 Authorization to Discharge Municipal Storm Water dated May 12th, 2021, to May 11th, 2026, in accordance with Section 1.2 authority to discharge in the UTR09000.

This document has been organized to follow the permit organization of UTR090000. The effective MS4, best management practices (BMPs), and standard operating procedures (SOPs) that Payson has adopted, or will be adopting, to comply with the permit requirements are listed in the following sections. This SWMP has been organized to present permit in black text followed by blue text which describes how Payson City's SWMP addresses each specific requirement. An example of an existing SOP can be found it Appendix 7, Other site specific or BMP specific SOPs may be available upon request.

The extents of the MS4 boundaries can be viewed at the link Provided: Payson City Utilities Public Map | Payson Utah

A copy of the City's most recent NOI is attached in Appendix 1.

1.2. Permit Area and Eligibility

1.2.1. Permit Coverage area

This Permit covers all areas of the State of Utah.

1.2.1.1.
No operator of a Small MS4 described in 40 CFR 122.32 may discharge from that system without authorization from the Director. (See Utah Administrative Code Section R317-8—11.3(1)(h), which sets forth the Permitting requirement, and R317-8-1.10(12), which incorporates 40 CFR 122.32 by reference.) Authorization to discharge under the terms and conditions of this Permit is granted if:

1.2.1.1.1
It applies to an operator of a Small MS4 within the State of Utah;

1.2.1.1.2
The operator is not a "large" or "medium" MS4 as defined in 40 CFR 122.26(b)(4) or (7);

1.2.1.1.3
The operator submits a Notice of Intent (NOI) in accordance with Part 2.0 of this Permit;

1.2.1.1.4
The MS4 is located fully or partially within an urbanized area as determined by the latest Decennial Census by the Bureau of Census;

1.2.1.1.5
The operator is ordered by the Director to obtain coverage under this Permit, as provided in the UPDES rules, R317-8.

1.2.2.
The following are types of authorized discharges:

1.2.2.1.
Storm water discharges. This Permit authorizes storm water discharges to waters of the State from the Small MS4s identified in 1.2.1., except as excluded in Part 1.4.

1.2.2.2.
Non-storm water discharges. The following non-storm water discharges do not need to be addressed unless the Permittee or the Director identifies these discharges as significant sources of pollutants to Waters of the State or as causing or contributing to a violation of water quality standards:

- Water line flushing
- Landscape irrigation
- Diverted stream flows
- Rising ground waters

- Uncontaminated ground water infiltration
- Uncontaminated pumped ground water
- Discharges from potable water sources
- Foundation drains
- Air conditioning condensate
- Irrigation water
- Springs
- Water from crawl space pumps
- Footing drains
- Lawn watering runoff
- Individual residential car washing
- Flows from riparian habitats and wetlands
- Dechlorinated swimming pool discharges
- Residual street wash water
- Dechlorinated water reservoir discharges
- Discharges or flows from emergency firefighting activity.

1.3. Local Agency Authority

This Permit does not pre-empt or supersede the authority of local agencies to prohibit, restrict, or control discharges to storm drain systems or other water courses within their jurisdiction.

1.4. Limitations on Coverage

This Permit does not authorize:

1.4.1.
Discharges that are mixed with sources of non-storm water unless such non-storm water discharges are in compliance with a separate UPDES Permit or are determined not to be a substantial contributor of pollutants to Waters of the State.

1.4.2.
Storm water discharges associated with industrial activity as defined in Utah Administrative Code (UAC) R317-8-11.3(6)(c).

1.4.3.
Storm water discharges associated with construction activity as defined in UAC R317-8-11.3(6)(e).

1.4.4.
Storm water discharges currently covered under another Permit.

1.4.5.
Discharges that would cause or contribute to in-stream exceedances of water quality standards as contained in UAC R317-2.

1.4.6.
Discharges of any pollutant into any Waters of the State for which a Total Maximum Daily Load (TMDL) has been approved by EPA unless the discharge is consistent with the TMDL. The discharge must be consistent with the TMDL at the time a Notice of Intent is submitted. If conditions change after coverage is issued, the coverage may remain active provided the conditions and requirements of Part 3.1. of this Permit are complied with.

2.0 Notice of Intent and Storm Water Management Program Description

2.1

The requirements of this Part apply only to Permittees **not** covered under the previous General Permit for

Storm Water Discharges from Small Municipal Separate Storm Sewer Systems, **("New Applicant").** Permittees that were covered under the previous MS4 General Permit **("Renewal Permittees")** and have submitted a notice of intent (NOI) at least **180 days** prior to the expiration date of the previous Permit, are covered by this Permit and instead must follow the requirements of Part 2.3.

2.1.2

New Applicants must meet the following application requirements. The Notice of Intent (NOI) must include submittal of the Storm Water Management Program (SWMP) document. Detailed information on SWMP requirements can be found in Part 4.0 of this Permit.

2.1.3

Within **180 days** of notification from the Director, the operator of the MS4 shall submit a NOI form as provided by the Division at https://documents.deq.utah.gov/water-quality/permits/updes/DWQ-2018-001322.pdf. (The Director retains the right to grant permission for a later submission date when a good cause has been demonstrated). One original completed NOI shall be submitted, by mail or hand delivery to:

Attention: MS4 Coordinator
General Permitting Section
Department of Environmental Quality
Division of Water Quality
195 North 1950 West
PO Box 144870
Salt Lake City, UT 84114-4870

2.1.4

Late submittal of an NOI is prohibited (unless permission has been granted by the Director). If a late NOI is submitted, authorization is only for discharges that occur after Permit coverage is granted. The Director reserves the right to take appropriate enforcement actions for any unpermitted discharges.

2.1.5

Where application is made by a New Applicant that has assumed operational control of an MS4 for which coverage under this Permit was previously held by a separate entity, the Director may determine that the new applicant shall comply with the Permit requirements in this Permit, as directed for Renewal Permittees. Notification shall be made by the Director of this requirement in writing to the New Applicant prior to issuance of Permit coverage.

2.1.6

Implementation of the Permittee's SWMP must include the six minimum control measures, including development of Measurable Goals, described in Part 4.2. Measurable Goals for each of the program areas must include, at a minimum, the year by which the Permittee will undertake required actions, including: interim milestones and the frequency of the action (if applicable.)

2.1.7

Implementation of the Permittee's SWMP as described in the Permittee's application is required to begin within **30 days** after the completed application is submitted. The Permittee must fully develop and implement the SWMP as discussed in Part 4.0 of the Permit by the end of the Permit term unless a more restrictive timeframe is indicated.

2.1.8

If an Operator is designated by the Director as requiring Permit coverage later than one year after the effective date of this General Permit, the Director may approve alternative deadlines that would allow the Permittee to have its program areas implemented.

2.2 Contents of the Notice of Intent

The Notice of Intent requires, at a minimum, the following information:

2.2.4

Summary description of the overall water quality concerns, priorities, and measurable goals specific to the Permittee that were considered in the development of the SWMP;

2.2.5

The SWMP document shall consist of, at a minimum, a description of the program elements that will be implemented (or already exist) for each of the SWMP minimum control measures. The plan must be detailed enough for the Director to determine the Permittee's general strategy for complying with the required items in each of the six minimum control measures in the SWMP document (see Part 4.2 of this Permit);

2.2.6

Information on the chosen Best Management Practices (BMPs) and the measurable goals for each of the storm water minimum control measures in Part 4.2 of this Permit and, as appropriate, the timeframe by which the Permittee will achieve required actions, including interim milestones;

2.2.7

Permittees which are applying as Co-Permittees shall each submit an NOI and individual SWMP document which will clearly identify the areas of the MS4 for which each of the Co-Permittees are responsible. Permittees which are relying on another entity (ies) to satisfy one or more of their Permit obligations shall include with the NOI, a summary of the Permit obligations that will be carried out by the other entity (ies). During the term of the Permit, Permittees may terminate or amend shared responsibility arrangements by notifying the Director, provided this does not alter implementation deadlines.

2.2.8

Certification and signature requirements in accordance with Part 6.8.

2.3 Storm Water Management Program Plan Description for Renewal Permittees

2.3.1

The requirements of this part apply only to **Renewal Permittees** that were previously covered under the last MS4 General Permit. New applicants are not required to meet the requirements of this Part and instead must follow the requirements of Part 2.0.

2.3.2

Renewal Permittees must submit a **revised SWMP document** to the Director within **180 days** of the effective date of this Permit, which includes at a minimum, the following information:

2.3.2.1 Permit Number;

2.3.2.2 MS4 Location Description and Map

2.3.2.3 Water Quality

Information regarding the overall water quality concerns, priorities, measurable goals and interim milestones specific to the Permittee that were considered in the development and/or revisions to the SWMP document.

2.3.2.4.

A description of the program elements that will be implemented (or are already being implemented) in each of the six minimum control measures (see Part 4.0);

2.3.2.5 Modifications to City Ordinances

A description of any modifications to ordinances or long-term/ongoing processes implemented in accordance with the previous MS4 General Permit for each of the six minimum control measures.

2.3.2.6.

A description of how the Permittee intends to meet the requirements of the Permit as described in Part 4.0 by either referencing existing program areas that already meet the Permit requirements or a description and relevant measurable goals that include, as appropriate, the year by which the Permittee will achieve required actions, including interim milestones.

2.3.2.7.

Indicate the joint submittal(s) of Co-Permittees (if applicable) and the associated responsibility (ies) in meeting requirements of the SWMP.

2.3.2.8.

Certification and signature requirements in accordance with Part 6.8.

2.3.2.9.

The revised SWMP document must contain specific details for complying with the required items in each of the six minimum control measures contained within the SWMP document (See Part 4.2.).

3.0 Special Conditions

3.1 Discharges to Water Quality Impaired Waters

3.1.1.

Applicability:

3.1.1.1 Impaired Body Determination

Permittees must determine whether storm water discharge from any part of the MS4 contributes to a 303(d) listed (i.e., impaired) water body. A 303(d) list of impaired water bodies is available at: https://enviro.deq.utah.gov/. Water quality impaired waters means any segment of surface waters that has been identified by the Director as failing to support one or more of its designated uses. If the Permittee has any discharges to an impaired waterbodies exist, the Permittee must comply with Part 3.1.2 below and if no discharges to impaired waterbodies exist, the remainder of this Part 3.1 does not apply.

According to the 2018/2020 Integrated Report 303 (d) lists, Bear Creek is an impaired water that Payson discharges directly into. Beer Creek is defined as having total maximum daily load (TMDL) for several parameters. These parameters are E. coli, pH. and Ammonia. Additionally, Payson discharges indirectly to Utah Lake, which is also an impaired water with TMDLs for Total Dissolved solids (TDS) and Total Phosphorus.

The 2022 report has not been finalized yet. However, Payson will monitor its progress and address any

new TMDLs as they come up. The following website will be used to monitor the final progress of the 2022 report 2022 Integrated Report - Utah Department of Environmental Quality.

A dry weather sampling regime has been adopted by the city to begin to determine how much pollutant loading is attributed to this MS4. Results will be collated beginning in 2023, however the plan is attached in Appendix 8.

3.1.1.2 TMDL Requirements

If the Permittee has "303(d)" discharges described above, the Permittee must also determine whether a Total Maximum Daily Load (TMDL) has been developed by the Director and approved by EPA for the listed water body. If there is an approved TMDL, the Permittee must comply with all requirements associated with the TMDL in addition to the requirements of Part 3.1.2. If no TMDL has been approved, the Permittee must comply with Part 3.1.2 and will be required to meet any TMDL requirements once it is developed and approved.

See section3.1.1.1 above.

3.1.2 Water Quality Controls for Discharges to Impaired Water Bodies

If the Permittee discharges to an impaired water body, the Permittee must include in its SWMP document a description of how the Permittee will control the discharge of all pollutants of concern. This description must identify the measures and BMPs that will collectively control the discharge of the pollutants of concern. The measures should be presented in the order of priority with respect to controlling the pollutants of concern.

One of the most likely causes for Ammonia and E. coli are a combined Stormwater/Sewer, of which Payson has none. E. coli, Phosphorous, TDS, Ammonia, and pH are all also heavily attributed to animal feces, fertilizers and refuse entering the stormwater system. Public outreach will involve making the population aware of the risks to the environment from over fertilization and animal, especially pet, feces. Especially on farms.

Given that Payson is a somewhat agricultural community, the city has decided to put a majority of its efforts into street sweeping and catch basin cleaning. The logic behind that is that if the city can minimize buildup of sediment, and all that flows with it, the stormwater system will contribute fewer nutrients at its discharge locations. In this new permit renewal, maintenance of all BMPs is being emphasized so that the theoretical nutrient removals match reality.

When the opportunities present themselves, the option to do stormwater basins in new development is encouraged through the review process. Detention of stormwater helps alleviate the pressure on the existing sediment reduction efforts, and well as capturing the typical petroleum and rubber byproducts that frequently runoff from roads. While it is not ideal to concentrate these byproducts within the detention basins, it is preferable to their migration into impaired waters.

Dry weather screening is being undertaken by the Public Works Department, in accordance with this permit. As data from the dry weather screening becomes available, ordinances will be used to control and stop illicit discharges that impact water quality.

3.1.3 Violation of Water Quality Standards

Where a discharge is already authorized under this Permit and is later determined to cause or have the reasonable potential to cause or contribute to the violation of an applicable water quality standard, the Director will notify the Permittee of such violation(s). The Permittee must take all necessary actions to ensure future discharges do not cause or contribute to the violation of a water quality standard and document these actions as required by the Director. If violations remain or re-occur, coverage under this Permit may be terminated by the Director and an alternative General Permit or Individual Permit may be issued. Compliance with this requirement does not preclude any enforcement activity as provided by the Utah Water Quality Act for the underlying violation.

On October 17th, 2012, Payson City adopted Title 23 which clarifies that a violation of water quality standards is classified as a Class C misdemeanor. The entirety of which can be read here: Payson : Municipal Code (municipalcodeonline.com)

Other ordinances that comply with and enforce the requirements of this permit can be found here can also be found at the link above.

3.2 Nitrogen and Phosphorus Reduction

3.2.1 Specific Reductions of Nitrogen and Phosphorus

As part of the Permittee's Storm Water Management Program (SWMP), all Permittees must specifically address the reduction of water quality impacts associated with nitrogen and phosphorus in discharges from the MS4.

Specific methods for the reduction of the nutrients nitrogen and phosphorus addressed through the three-part strategy adopted by the City of Payson. The strategy consists of education, maintenance, and new construction review process. A dry weather sampling regime has been adopted to track changes in the concentration of all pollutants including nitrogen and phosphorus. A description of the three- part strategy is described at the beginning of this SWMP., while the details of the education, maintenance, and new construction review processes can be found in sections 4.2.1, 4.1.3.1, and 4.2.4.3, respectfully.

3.2.1.1 Collaborative Program Description

The Permittee can meet the requirements of this section through contribution to a collaborative program (e.g., storm water coalitions) to evaluates, identifies, and targets sources, as well as provides outreach that addresses sources within the Permittee's watershed.

Payson City is a part of the Utah Storm Water Coalition as described in Section 4.2.1.

3.2.1.2 Target Sources

The Permittee must determine and target sources (e.g., residential, industrial, agricultural, or commercial) that are contributing to, or have the potential to contribute, nitrogen and phosphorus to the waters of the state, where the Permittee is authorized under this Permit to discharge.

The targeted sources of nutrients are described in Section 3.1.2.

3.2.1.3 Prioritized Targets

The Permittee must prioritize targeted sources are likely to result in a reduction of nitrogen and phosphorus in discharges through education and outreach. The Permittee must distribute educational materials or equivalent outreach to the prioritized targeted sources. Educational materials or equivalent outreach must describe storm water quality impacts associated with nitrogen and phosphorus in storm water runoff and illicit discharges, the behaviors of concern, and actions that the target source can take to reduce nitrogen and phosphorus. The Permittee may incorporate the education and outreach to meet this requirement into the education and outreach strategies provided in accordance with Permit Part 4.2.1.

Educational materials are distributed by the Utah County Stormwater Coalition and the targets are described in section 4.2.1.1.

3.3 Co-Permittees

3.3.1 Co-Permittees

Two or more operators of interrelated or neighboring Small MS4s may apply as Co-Permittees.

3.3.2 Notice of Intent

In order to be permitted as Co-Permittees, the MS4(s) must each submit an NOI which meets the requirements outlined in Permit Part 2.0. Each description of the MS4(s) Storm Water Management Program Plan(s) must clearly describe which Permittees are responsible for implementing each of the minimum control measures.

3.3.3 Each Co-Permittee is individually liable for:

3.3.3.1 Compliance
Permit Compliance for discharges from portions of the MS4 where it is the operator and for areas within its legal jurisdiction.

3.3.3.2 Minimum Control Measures
Ensuring that the six minimum control measures described in Part 4.2 are implemented for portions of the MS4 where it is the operator and in areas within its legal jurisdiction; and

3.3.3.3 Permit Conditions
If any permit conditions are established for specific portions of the MS4, Co-Permittees need only comply with the Permit Conditions relating to those portions of the MS4 for which they are the operator.

3.3.4 Joint Liability with Annual Reporting
Each Co-Permittee is jointly liable for compliance with annual reporting requirements as identified in Part 5.5, with the exception that a Co-Permittee is individually liable for any parts of the annual report that relate exclusively to portions of the MS4 where it is the operator.

3.3.5 Specific Co-Permittees are jointly liable for Permit Compliance on portions of the MS4 as follows:

3.3.6 Implementation Authority
Where operational or SWMP implementation authority over portions of the MS4 has been transferred from one Co-Permittee to another in accordance with legally binding interagency agreements, both the owner and the operator may be jointly liable for Permit compliance on those portions of the MS4; and;

3.3.7 Joint Ownership/Operations
Where one or more Co-Permittees jointly owns or operates a portion of the MS4, each owner/operator is jointly liable for compliance with Permit conditions on the shared portion of the MS4.

4.0 Storm Water Management Program
Permittees covered under the previous General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems, ("**Renewal Permittees"),** are expected to have fully implemented all of the following six minimum control measures as required in the previous Permit term. Permittees that were newly designated during the previous Permit term have 5 years from the date of their submitted NOI to develop, fully implement, and enforce their Storm Water Management Program (SWMP). A Renewal Permittee must continue to implement its SWMP designed to reduce the discharge of pollutants from the MS4 as described in the application and submittals provided in accordance with the previous MS4 General Permit, while updating its SWMP document pursuant to this Permit. This Permit does not extend the compliance deadlines set forth in the previous MS4 General Permit unless specifically noted. All requirements contained in this renewal Permit are effective immediately unless an alternative timeframe is indicated.

4.1 Requirements

4.1.1 Requirements for SWMP
All Permittees must develop, implement, and enforce a SWMP designed to reduce the discharge of pollutants from the MS4, protect water quality, and satisfy the appropriate water quality requirements of the Utah Water Quality Act. The SWMP must include the six minimum control measures described in Part 4.2 of this Permit.

See section 4.2.

4.1.1.1 Implementation of SWMP
The SWMP shall be developed and implemented in accordance with the schedules contained in Part 4.0. of this Permit.\

See section 4.1.3.1.

4.1.2 Ongoing Documentation of SWMP

Each Permittee shall have an ongoing documentation process for gathering, maintaining, and using information to conduct planning, set priorities, track the development and implementation of the SWMP, evaluate Permit compliance/non-compliance, and evaluate the effectiveness of the SWMP implementation.

All Departments crews are responsible for completing their part of the SWMP and submitting the appropriate forms; however, it should be noted that the Stormwater Division generates the majority of the records. An e-mail account had served as the digital archive for all inspections at the time of the last permit submission. The city's recording software has since switched to iWorQ, a proprietary software which is used to track the following documentation. Records can be made available to the DEQ upon request.

1) Pre-construction meetings
2) SWPPP reviews
3) Storm drain cleaning activities
4) Street sweeping activities
5) Inspections of key city facilities
6) Participation with the Utah County Storm Water Coalition's meetings
7) Monthly newsletters
8) Business licensing & storm water education materials
1) IDDE inspections
2) Enforcement actions
3) Constructions site inspections
4) Post construction inspections

4.1.2.1 Tracking of SWMP

Each Permittee shall track the number of inspections performed, official enforcement actions taken, and types of public education activities implemented as required for each SWMP component. This information shall be provided to the Director upon request and used by the Director to determine compliance with this Permit.

As noted in Section 4.1.2, these activates are recorded in iWorQ,

Public education and public involvement activities are currently conducted by and tracked within the Utah County Storm Water Coalition system and is described in section 4.2.1.

4.1.2.2 Annual Fiscal Analysis

Each Permittee must secure the resources necessary to meet all requirements of this permit. Each Permittee must conduct an annual analysis of the capital and operation and maintenance expenditures needed, allocated, and spent as well as the necessary staff resources needed and allocated to meet the requirements of this permit, including any development, implementation, and enforcement activities required. Each Permittee must submit a summary of its fiscal analysis with each annual report.

Payson City's Public Works Department currently funds its maintenance and inspection activities through the city budget. A breakdown of the first quarter of 2022's fiscal expenditures is attached below in Appendix 3. This is expected to change as the short-term goals in section 4.1.3.1 are addressed with the renewal of this permit.

4.1.3 BMP Implementation

The SWMP document shall include BMPs that the Permittee or another entity will implement for each of the storm water minimum control measures.

This SWMP thoroughly discusses the detailed implementation of BMPs in the following sections for each of the minimum control measures. BMPs, as defined by Utah's Small MS4 General Permit, are the "schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of Waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control facility site runoff, spillage or leaks, sludge

or waste disposal, or drainage from raw material storage."

The BMPs that are prevalent to several of the control measures established in this SWMP include, but are not limited to, establishing SOPs, good housekeeping practices, employee and public training, routine inspections, and preventative maintenance.

The city currently uses several BMPs to limit storm water discharge of pollutants. Section 4.1.3.1, 3.1, 3.2 and section 4.2.4.3 describe the specific measures that will be taken to address pollutants.

4.1.3.1 Measurable Goals Summary of BMPs

The measurable goals for each of the BMPs shall include, as appropriate, the months and years in which the Permittee will undertake required actions, including interim milestones and the frequency of the actions (if applicable).

Measurable goals for BMPs are broken up into two general types of milestones, short term and long term. Short term will focus on maintenance and data collection. This will help to ensure that the theoretical nutrient removal, attenuation, and routing matches what is actually occurring in the MS4. Long term goals will address open ended results that allow for new technologies or changing practices within the city to pivot and address them as they become less or more of a problem.

Short term BMP goals:

Description of Goal	Frequency
Remove trash and mow stormwater basins and swales	Monthly
Sediment removal from catch basins	Monthly
Vegetated and stone swale landscaping upkeep	Twice a year
Jetting stormwater pipes	1 mile per year
Cleaning irrigation and Drainage ditches	1 mile per year
Dry sampling and inspection of culverts	30 per year until all have been sampled, redo every 5 years
Install additional BMPs	1 per year

Long term BMP goals

Description of Goal	Metric for Completion	Contributing Short Term Goal
Reduction of Odor	Reduction in City Complaints	Removal of trash, jetting and cleaning of pipes and ditches, mowing, landscaping
The Removal of TMDLs from Bear Creek	303d Integrated Reports	Dry weather sampling, removal of trash and mowing, sediment removal, installing BMPs
Reduce pooling and obstructions in pipes, canals, and drainage ditches	Average water temperature at flowing outfalls and canals	Jetting pipes, cleaning drainage ditches and canals, dry weather sampling

4.1.3.2 Person Responsible

The SWMP document shall indicate the person(s) responsible for implementing or coordinating the BMPs contained within the SWMP document.

See Key Staff on Page vi of this document.

4.1.3.3. Implementation
Within **180 days** of the effective date of the Permit, the Permittee shall revise the SWMP document to clearly identify the roles and responsibilities of all offices, departments, Directors, or sub-sections, and if necessary other responsible entities. It shall include any necessary agreements, contracts, or memorandum of understanding (MOUs) between said entities that affect the implementation and operation of the SWMP. Necessary agreements, contracts and MOUs shall deal with coordination or clarification of the responsibilities associated with the detection and elimination of improper connections or illicit discharges to the MS4, BMP coordination or other coordinated programs or sensitive issues of unclear or overlapping responsibility. Such agreements, contracts, and MOUs shall be retained by the Permittee as required by the SWMP document.

4.2 Minimum Control Measures

Permittees covered under the previous Small MS4 General UPDES Permit No. UTR090000 **("Renewal Permittees"),** are expected to have fully implemented Storm Water Management Programs (SWMPs) that reflect the permit requirements to the previous permit cycle. A Renewal Permittee shall continue to implement its SWMP as described in the application and submittals provided in accordance with the previous Small MS4 General Permit, while updating its SWMP document pursuant to this renewal Permit to achieve pollutant reductions to the Maximum Extent Practicable from the MS4, as specified in Part 4.1. This Permit does not extend the compliance deadlines set forth in the previous MS4 Permit or any corrective action plans and associated schedules unless specifically noted.

To achieve pollutant reductions to the Maximum Extent Practicable, Permittees shall include the following six minimum control measures in the SWMP:

4.2.1 Public Education and Outreach on Storm Water Impacts

The Permittee must implement a public education and outreach program to promote behavior change by the public to reduce water quality impacts associated with pollutants in storm water runoff and illicit discharges. Outreach and educational efforts shall include a multimedia approach and shall be targeted and presented to specific audiences for increased effectiveness. The educational program must include documented education and outreach efforts for the following four audiences: (1) residents, (2) institutions, industrial and commercial facilities, (3) developers and contractors (construction), and (4) MS4-owned or operated facilities.

The minimum performance measures which should be based on the land uses and target audiences found within the community include:

This measure is intended to achieve greater public support for the Stormwater Management Program and greater compliance through education. An informed public can significantly contribute to the success of the program.

Education is emphasized in this SWMP because of its cost-effectiveness. It is a proactive approach because it prevents pollution rather than reactively treating pollution after it has occurred. Payson's Education and Outreach Program, partnered with the Utah County Storm Water Coalition, includes involvement in:

- Fourth Grade Educational Program
- Utah County Storm Water Coalition
- Community/Residential Outreach Program
- Commercial Outreach Program
- Urban Development Outreach Program
- City Employees Training Program

The Payson City Public Works Department will continue coordinating with and participating in the Utah

County Storm Water Coalition for the purpose of providing further education and training to the targeted audience with regards to storm water quality. See attendance records Appendix 2

Specifically, the coalition BMPs will include:

1. Regular meeting to discuss, upcoming regulations, and educational trainings for the County

2. An educational booth will be available to be scheduled and manned by the participating cities for city festivities, the county fair, etc.

3. A countywide, quarterly storm water newsletter will be written and distributed to all residents, businesses, and industries, by the participating cities. The newsletter will be published by the Utah County Storm Water Coalition.

4. Fourth Grade Educational Program
   - The objective of this program is to provide students with educational materials, demonstrations and outreach events regarding the impact of daily activities on storm water quality.
   - The Utah County Storm Water Educational Program is a storm water quality lesson taught by a teacher hired by the Utah County Storm Water Coalition. The lesson is interesting, easy to present and lasts approximately 25 minutes. The presentation begins with a container of clean water (tap water) that represents the rainwater that produces storm water runoff. Step by step different "contaminants" are added to the container, such as vegetable oil (oil), pet waste (dog food), dirt (sediment), twigs (floatables), and paper (litter). The presentation demonstrates the importance of preventing litter and keeping the storm drain system clean. The purpose of the presentation is to visually display the types of pollutants in storm water, the sources of each pollutant, and their impacts. The teacher asks questions about the rain cycle, where the rainwater flows too, and how pollutants are picked up along the way. At the end of the presentation an activity book and other educational materials regarding storm water are given to the students.

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4.2.1.1 Pollutants Targeted

Target specific pollutants and pollutant sources determined by the Permittee to be impacting, or have the potential to impact, the beneficial uses of receiving water. This includes providing information which describe the potential impacts from storm water discharges; methods for avoiding, minimizing, reducing and /or eliminating the adverse impacts of storm water discharges; and the actions individuals can take to improve water quality, including encouraging participation in local environmental stewardship activities;

The targeted pollutants in Payson are pesticide use, over fertilization, and animal feces/trash disposal on private property that migrate into the stormwater system. This is especially attributed to the agricultural and herding activities that occur within Payson. At a certain point, any nutrient reduction BMPs could be overwhelmed by bad decisions or uniformed releases. So, education is a crucial building block for the Public Works Department, which is pursued through the Utah County Stormwater Coalition.

To a lesser extent, industrial waste and vehicle maintenance fluids are also focused one. Even one citizen who habitually empties their hazardous waste into the system is a risk to the impaired waters at the end point of the system.

4.2.1.2 Information Given to the General Public

Provide and document education outreach given to the general public on the Permittee's prohibitions against Illicit Discharges and improper disposal of waste and the impacts to water quality associated with these types of discharges. The Permittee must at a minimum consider the following topics. These topics are not inclusive and the Permittee must focus on those topics: maintenance of septic systems; effects of outdoor activities such as lawn care (use of pesticides, herbicides, and fertilizers); benefits of onsite infiltration of storm water; effects of automotive work and car washing on water quality; proper disposal of swimming pool water; and proper management of pet waste. These topics are not inclusive and the

Permittee must focus on those topics most relevant to the community.

The Stormwater Division documents information given to the general public of prohibitions against illicit discharges and improper disposal of waste along with the associated negative impacts through the Utah County Stormwater Coalition's efforts. The main topics of education include hazardous waste disposal, effects of lawn care activities (use of pesticides, herbicides and fertilizers as well as yard waste disposal), automotive work and car washing, and proper management of pet waste. Publications disseminated by the Utah County Storm Water Coalition include education pamphlets, quarterly newsletters, and informational booths during city festivals.

Additionally, the current version of this permit will be published on the city's website. Contact information for the stormwater coordinator is available on the same page as the master plan and language will be included to instruct citizens on how to submit recommended changes to the plan.

4.2.1.3 Information Given to Businesses and Institutions

Provide and document information given to institutions, industrial, and commercial facilities on an annual basis of the Permittee's prohibition against Illicit Discharges and improper disposal of waste and the impacts to water quality associated with these types of discharges. The Permittee must at a minimum consider the following topics: proper lawn maintenance (use of pesticides, herbicides and fertilizer); benefits of appropriate on-site infiltration of storm water; building and equipment maintenance (proper management of waste water); use of salt or other deicing materials (cover/prevent runoff to storm system and contamination to ground water); proper storage of materials (emphasize pollution prevention); proper management of waste materials and dumpsters (cover and pollution prevention); and proper management of parking lot surfaces (sweeping). This education can also be a part of the Illicit Discharge Detection and Elimination measure detailed in Part 4.2.3.

The Engineering, Storm Water and Business License Divisions provide and document information regarding the storm water quality impacts associated with illicit discharges and improper disposal of waste to established businesses and institutions once a year through a newsletter and to new entities applying for a license or a building permit. The main topics of education include:

- Effects of lawn care activities (use of pesticides, herbicides and fertilizers as well as yard waste disposal)
- Proper management of wastewater (illicit connections to the storm drain system)
- Proper management of parking lot surfaces and use of salt or other deicing materials (sweeping and salt storage)
- Proper storage and management of raw materials and waste materials (emphasize pollution prevention and Industrial Multi Sector General Permit (MSGP)).
- Pesticide, Herbicide, and Fertilizer Educational Program: Information along with educational materials is to be presented to businesses and industries regarding the potential impact to receiving waters due to the over-application and misapplication of pesticides, herbicides, and fertilizers. General information regarding pesticide, herbicide, and fertilizer application will be distributed via brochures, information booths, mailings to commercial sprayers and industrial training events.
- Pollution Prevention and the UPDES MSGP: Federal and State Regulations and educational materials will be distributed to inform specific institutions, businesses and industries located within the city that effects storm water quality resulting from exposure of industrial activities. These will be distributed by various city departments.

Documentation is distributed as part of the business licensing process. Existing businesses will also be informed as part of their business license renewal process. In addition, city staff will visit and inspect known problem areas to inform the business owners of current city ordinances and educate about proper procedures. The distribution of information will be tracked by including these inspections of iWorQ.

4.2.1.4 Information Given to Engineers, Construction Contractors, and Developers

Provide and document information given to engineers, construction contractors, developers, development review staff, and land use planners concerning the development of storm water pollution prevention plans (SWPPPs) and BMP use, to reduce adverse impacts from storm water runoff from development sites. This education can also be a part of the Construction Site Storm Water Runoff minimum control measure detailed in Part 4.2.4.

The Public Works Department has adopted the Utah/EPA SWPPP template for construction activities along with the new city construction permit to help reduce the adverse impacts from storm water runoff from development sites. A pre-construction meeting is held between Stormwater Division's SWPPP Inspector and the developer to go over the permit requirements, SWPPP template, erosion controls, sediment controls, good housekeeping controls and post-construction controls (described at more length on Section 4.2.4).

4.2.1.5 Information and Training Given to City Employees

Provide and document information and training given to employees of Permittee-owned or operated facilities concerning the Permittee's prohibition against illicit discharges and improper disposal of waste and the impacts to water quality associated with these types of discharges. The Permittee must at a minimum consider the following topics: equipment inspection to ensure timely maintenance; proper storage of industrial materials (emphasize pollution prevention); proper management and disposal of wastes; proper management of dumpsters; minimization of use of salt and other deicing materials (cover/prevent runoff to MS4 and ground water contamination); benefits of appropriate onsite infiltration (areas with low exposure to industrial materials such as roofs or employee parking); and proper maintenance of parking lot surfaces (sweeping).

The Engineering Division in conjunction with each division of the Public Works Department provides stormwater training to all employees once a year. This is tracked internally though a spreadsheet that is updated when an employee completes the training. An example of this spreadsheet can be found in Appendix 4.

4.2.1.6 Information Given to MS4 Engineers, Development Land Planners and Plan Review Staff Regarding Low Impact Development (LID) Practices

Provide and document information and training given to MS4 engineers, development and plan review staff, land use planners, and other pertinent parties about Low Impact Development (LID) practices, green infrastructure practices, and the specific requirements for post-construction control and the associated Best Management Practices (BMPs) chosen within the SWMP.

The Engineering Division has explored various LID post-construction BMPs which have been adopted by the city to work with the types of soils and terrains within the city. Training opportunities have been sought out to help develop this program and design manual standards. Now that the program is established, annual training of the staff is done by either Engineering Division staff or the Stormwater Division depending on the topic.

4.2.1.7 Program Evaluation

An effective program must show evidence of focused messages and audiences as well as demonstrate that the defined goal of the program has been achieved. The Permittee must identify specific messages for each targeted audience. The Permittee must also identify methods that will be used to evaluate the effectiveness of the educational messages and the overall education program. Any methods used to evaluate the effectiveness of the program must be tied to the defined goals of the program and the overall objective of changes in behavior and knowledge.

The Utah County Storm Water Coalition has administered public surveys that determine what type of information should be conveyed to the public.

Internally, the Engineering and Stormwater Divisions are constantly evaluating the knowledge of its staff.

This primarily manifests in the review process for new buildings/ development, where staff is constantly encountering novel stormwater situation and new technology. As new situations and technology develops, the department coordinates internally to bring everyone up to speed to the solutions that these new elements require. Additionally, the Director reviews the training annually to ensure it covers the relevant topics that the department is seeing.

4.2.1.8 BMP Rational

The Permittee must include written documentation or rationale as to why particular BMPs were chosen for its public education and outreach program.

Payson City is a member of the Utah County Storm Water Coalition, and it relies upon that the Coalition to cover the majority of Public Education and Outreach Program requirements of the permit for all of the participating communities. The BMPs that the Stormwater Coalition educates on have been developed and refined for many years by neighboring communities and generally determined to be effective.

4.2.2 Public Involvement/Participation

The Permittee must implement a program that complies with applicable State and Local public notice requirements. The SWMP shall include ongoing opportunities for public involvement and participation, but at a minimum two (2) times annually. Permittees can meet this requirement through advisory panels, public hearings, watershed committees, stewardship programs, environmental activities, other volunteer opportunities, or other similar activities. The Permittee should involve potentially affected stakeholder groups, which include but is not limited to, commercial and industrial businesses, trade associations, environmental groups, homeowners' associations, and education organizations.

The minimum performance measures are:

This measure is intended to provide opportunities for the public to play an active role in both the development and implementation of the storm water management program. An active community is important to the success of the program. The BMPs in this chapter not only serve to involve the public, but also serve to educate the public on storm water issues. The program includes:

- Program Description/Establishing Standard Operating Procedures (SOPs)
- Comment Opportunities
- Public Notice Compliance Requirements
- Public Participation

The Public Involvement/Participation Program section of this SWMP addresses the requirements of applicable State and Local public notice requirements. Community participation provides for broader public support, shorter implementation schedules, a broader base of expertise, and the development of important relationships with other community and government programs. The sections described in this chapter include opportunities for the public to play an active role in the development and implementation of the storm water management program. Such opportunities will include advisory panels and public hearings. Efforts to reach out and engage potentially affected stakeholder groups, which include but is not limited to, commercial and industrial businesses, trade associations, environmental groups, homeowner associations, and education organizations regarding the implementation of new storm water rules and regulations to foster public input. The Public Works Department will review the SWMP once a year.

4.2.2.1 Comment Opportunities

Permittees shall adopt a program or policy directive to create opportunities for the public to provide input during the decision making processes involving the development, implementation and update of the SWMP document including development and adoption of all required ordinances or regulatory mechanisms.

The Stormwater Division provides opportunities for public involvement through the implementation of an email-based system to accept comments about the storm water program. Ordinances have been adopted and modified in accordance with Utah law, providing the public numerous opportunities to

contribute and voice concerns.

The Payson SWMP will begin to conduct a public meeting when a new Stormwater Management plan is going to be accepted.

4.2.2.2 Public Review of SWMP

Renewal Permittees shall make the revised SWMP document available to the public for review and input within 180 days from the effective date of this Permit. **New Applicants** shall make the SWMP document available to the public for review and input within 180 days of receiving notification from the Director of the requirement for Permit coverage.

The Stormwater Division provides opportunities for public involvement through public meetings. The public also has access to the current permit via the website. On the same page, contact info for the stormwater director is provided as well as instructions to email with comments on the document.

The Payson SWMP will begin to conduct a public meeting when a new Stormwater Management plan is going to be accepted.

4.2.2.3 Public Availability

A current version of the SWMP document shall remain available for public review and input for the life of the Permit. If the Permittee maintains a website, the latest version of the SWMP document shall be posted on the website within **180 days** from the effective date of this Permit and shall clearly identify a specific contact person and provide the phone number and/or email address to allow the public to review and provide input for the life of the Permit to allow the public to review and provide input for the life of the Permit.

The Stormwater Division, as administrator of the Storm Water Management Program, makes the 2022-2026 SWMP documents available to the public online for review and input at the link below.

Storm Water | Payson Utah

The SWMP document is available for public review and input for the life of the permit on the city web site and will allow the public to review and provide input. Any modifications to the SWMP will be made available as well.

4.2.3 Illicit Discharge Detection and Elimination (IDDE)

All Permittees shall revise (as necessary), implement and enforce an IDDE program to systematically find and eliminate sources of non-storm water discharges from the MS4 and to implement defined procedures to prevent illicit connections and discharges according to the minimum performance measures listed below. The IDDE program must be described in writing, incorporated as part of the Permittee's SWMP document, and contain the elements detailed in this part of the Permit.

The minimum performance measures are:

This measure is intended to minimize illicit discharges (discharges other than storm water) into the storm drain system. Storm drain systems are not designed to accept, convey, or discharge non-storm water flows. Eliminating illicit discharges helps prevent pollutants from entering receiving waters and maintain the infrastructure. The program includes:

- Storm Drain System Map
- City Ordinances
- Dry Weather Screening Program
- Illicit Discharge Detection
- IDDE Education and Public Outreach

The Illicit Discharge Detection and Elimination (IDDE) section of this SWMP addresses non-storm water flows that are discharged into receiving waters through storm water conveyance systems. The program

will implement BMPs and SOP's to assist in detection, the identification, and elimination of illicit discharges. This program will also focus on prevention of new illicit discharges to the storm water system by means of education, regulations, and a spill prevention and response program.

This program will also be integrated with the Public Education and Outreach program to promote awareness of the importance of protecting the storm water system from illicit discharges and their impact to receiving waters. The following BMPs describe implementation tasks and assessment tasks to be completed by the City for the Illicit Discharges and Improper Disposal Program.

4.2.3.1 Storm Drain System Map

Maintain a current storm sewer system map of the MS4 showing the location of all municipal storm sewer outfalls with the names and location of all State waters that receive discharges from those outfalls, storm drain pipes and other storm water conveyance structures within the MS4.

The Stormwater Division and GIS Administrator maintain and update a storm drain system map showing the location of all municipal storm sewer outfalls with the names and location of all the Waters of the State that receive discharges from the MS4 storm water conveyance system. The stormwater utilities map is overlayed with the location of all private and municipal BMPs as well as create an inventory for existing BMPs. This GIS map can be found here: https://www.paysonutah.org/publicworks-maps/page/payson-city-utilities-public-map

4.2.3.2 Ordinances Pertaining to Illicit Discharges

Effectively prohibit, through ordinance or other regulatory mechanism, non-storm water discharges to the MS4, including spills, illicit connections, illegal dumping and sanitary sewer overflows ("SSOs") into the storm sewer system. The IDDE program shall require removal of such discharges consistent with Part 4.2.3.6 of this Permit and implement appropriate enforcement procedures and actions. The Permittee must have a variety of enforcement options in order to apply and escalate enforcement procedures as necessary for the severity of violation and/or the failure of the violator to address the violation(s). Discharges pursuant to a separate UPDES Permit (other than the UPDES Permit for discharges from the MS4) and non-storm water discharges listed in Part 1.2.2.2. are exempt.

These ordinance scan be found here: Payson : Municipal Code (municipalcodeonline.com)

4.2.3.2.1 IDDE Program

The Permittee's IDDE program must have adequate legal authority to detect, investigate, eliminate and enforce against non-storm water discharges, including illegal dumping, into the MS4. Adequate legal authority consists of an effective ordinance, by-law, or other regulatory mechanism. The documented IDDE program that is included in the Permittee's SWMP must include a reference or citation of the authority the Permittee will use to implement all aspects of the IDDE program.

An IDDE procedure has been developed and implemented with authority to detect, investigate, and eliminate non-storm water discharges. While all staff have the authority to identify IDDEs by virtue of the entire staff completing the stormwater training annually, the majority of detections fall on inspectors.

4.2.3.3 Dry Weather Screening Program

Implement a written plan to detect and address non-storm water discharges to the MS4, including spills, illicit connections, sanitary sewer overflows and illegal dumping. The plan shall include:

The Stormwater Division has developed and adopted written standard operating procedures (SOPs) for the dry weather screening program that complies with 4.2.3.4 to detect and eliminate non-storm water discharges to the MS4. It is attached in Appendix 8.

4.2.3.3.1 Procedures for Locating Priority Areas

Written systematic procedures for locating and listing the following priority areas likely to have illicit discharges (if applicable to the jurisdiction):

- Areas with older infrastructure that are more likely to have illicit connections;

- Industrial, commercial, or mixed-use areas;
- Areas with a history of past illicit discharges;
- Areas with a history of illegal dumping;
- Areas with onsite sewage disposal systems;
- Areas with older sewer lines or with a history of sewer overflows or cross-connections;
- Areas upstream of sensitive water bodies; and,
- Other areas the Permittee determines to be likely to have illicit discharges.

The Permittee must document the basis for its selection of each priority area and create a list of all priority areas identified in the system. This priority area list must be updated annually to reflect changing priorities.

The Stormwater Division has created an SOP for ranking risk for priority areas based on Zoning and proximity to water. Given that Payson has a lot of agricultural influences, zoning will have a large impact on the priority areas. This in conjunction with the dry weather sampling regime will help identify priority areas. That SOP can be found in Appendix 9.

4.2.3.3.2 Outfalls Inspections

Field inspections of areas which are considered a priority area as identified in Permit Part 4.2.3.3.1 Compliance with this provision shall be achieved by inspecting each priority area annually at a minimum. All field assessment activities shall utilize an inspection form to document findings.

The Stormwater Division will conduct field assessment activities for the purpose of verifying outfall locations and detecting illicit discharges during the periods of dry weather. Priority will be given to the areas of concern identified by the Engineering Division. Visual inspections of at least 20 percent of all known outfalls will be inspected annually and all outfalls should be inspected at least once during the permit term. Field assessment activities will be documented on an inspection form. All inspections will be recorded at the city's iWorQ account.

4.2.3.3.3 Dry Weather Screening Inspections

Dry weather screening (See Definitions in 7.0) activities for the purpose of verifying outfall locations and detecting illicit discharges within the Permittee's jurisdiction that discharge to a receiving water. All outfalls shall be inspected at least once during the 5-year Permit term. Dry weather screening activities shall utilize an inspection form to document findings.

See section 4.2.3.3.2

4.2.3.3.4 Notification for Separate UPDES

If the Permittee discovers or suspects that a discharger may need a separate UPDES Permit (e.g. Industrial Storm Water Permit, Dewatering Permit), the Permittee shall notify the Director within **30 days**.

4.2.3.4 Illicit Discharge Source Tracing

Implement standard operating procedures (SOPs) or similar types of documents for tracing the source of an illicit discharge. The document should include procedures such as: visual inspections, opening manholes when necessary, using mobile cameras, using field tests of selected chemical parameters as indicators of discharge sources, collecting and analyzing water samples for the purpose of determining sanctions or penalties, and/or other detailed inspection procedures.

The Stormwater Division has developed an SOP (noted in Section 4.2.3.5.) that will include procedures for inspectors to follow when a suspected IDDE is located, including working upstream to find and document the source, collect samples when necessary, and enforcement procedures once the source is determined. The procedure will also include spill response procedures to minimize the discharge of pollutants.

4.2.3.5 Illicit Discharge Response

Implement SOPs or similar type of documents for characterizing the nature of, and the potential public or

environmental threat posed by, any illicit discharges found by or reported to the Permittee by the hotline or other telephone number described in 4.2.3.9. These procedures shall include detailed instructions for evaluating how the discharge shall be immediately contained and steps to be taken to contain the discharge. Compliance with this provision will be achieved by initiating an investigation immediately upon being alerted of a potential illicit discharge.

The City of Payson has created an IDDE SOP. It is attached in Appendix 9.

IDDE Inspection Report

When the source of a non-storm water discharge is identified and confirmed, the Permittee must record the following information in an inspection report: the date the Permittee became aware of the non-storm water discharge, the date the Permittee initiated an investigation of the discharge, the date the discharge was observed, the location of the discharge, a description of the discharge, the method of discovery, date of removal, repair, or enforcement action; date, and method of removal verification. Analytical monitoring may be necessary to aid in the identification of potential sources of an illicit discharge and to characterize the nature of the illicit discharge. The decision process for utilizing analytical monitoring must be fully documented in the inspection report.

After the source of a non-storm water discharge is identified and confirmed, the Stormwater Division records the following information on an inspection report:

- The date the city became aware of the non-storm water discharge
- The date the city initiated the investigation of the discharge
- The date the discharge was observed
- The location of the discharge
- The description of the discharge
- The method of discovery
- The date and method of verification, removal, repair or enforcement action
- The decision process for utilizing analytical monitoring/sampling to aid in the identification of the potential source of an illicit discharge and characterization of the nature of an illicit discharge

4.2.3.6 Ceasing Illicit Discharges

Implement SOPs or similar type of documents for ceasing the illicit discharge, including notification of appropriate authorities; notification of the property owner; technical assistance for removing the source of the discharge or otherwise eliminating the discharge; follow-up inspections; and escalating enforcement and legal actions if the discharge is not eliminated. Illicit discharges to the MS4 are prohibited and any such discharges violate this Permit and remain in violation until they are eliminated. Permittee

Upon detection of an illicit discharge, the Stormwater Division or its appointees will require the immediate cessation of improper disposal practices upon confirmation of the responsible parties.

The city has developed and implement standard operating procedures on its O&M Manual for ceasing illicit discharges that include:

- Notification of appropriate authorities
- Notification of the property owners
- Technical assistance for removing/eliminating the source of the discharge
- Follow-up inspection
- Escalating enforcement and legal actions if the discharge is not eliminated

4.2.3.6.1 Proper Disposal

Upon detection, the Permittee shall require immediate cessation of improper disposal practices upon confirmation of responsible parties in accordance with its enforceable legal authorities established to Part 4.2.3.2.1. of this Permit.

See section 4.2.3.6

4.2.3.6.2 Appropriate Action

Although the Permittee is required to prohibit illicit discharges within their boundaries and to take appropriate action to detect and address any violations, this Permit does not impose strict liability on the Permittee.

See section 4.2.3.6

4.2.3.6. IDDE Investigation Documentation

All IDDE investigations must be thoroughly documented and may be requested at any time by the Director. If a Permittee is unable to meet the minimum performance measures outlined in Parts 4.2.3.5. or 4.2.3.6., the Permittee must immediately submit to the Director written documentation or rationale describing the circumstances why compliance with the minimum performance measures was not possible. All IDDE documentation shall be retained by the Permittee as required by the SWMP document.

The Stormwater Division or its appointees will thoroughly investigate and document all illicit discharges. All of the investigation documentation and procedures will be kept in the iWorQ inspection software.

4.2.3.7 Improper Disposal of Waste

Permittees shall inform public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste.

Section 4.2.1.3 in Public Education and Outreach Program covers this requirement regarding proper disposal will be provided to the public.

4.2.3.8 Household Hazardous Waste Collection

Permittees shall promote or provide services for the collection of household hazardous waste.

Section 4.2.1 in Public Education and Outreach Program covers this requirement where information regarding hazardous waste and proper disposal will be provided to the public.

4.2.3.9 Reporting Hotline

Permittees shall publicly list and promote a hotline or other local telephone number for public reporting of spills and other illicit discharges. A written record shall be kept of all calls received, all follow-up actions taken, and any feedback received from public education efforts.

The Public Works Department phone number (801-465-5217) and the coalition hotline number (801-851-7873) will be listed and advertised to the public for the reporting of spills and other illicit discharges. The public may also call the Police or Fire Departments to report any activities. The Public Works Department will train with the Fire and Police Departments to coordinate and document the number of calls received and follow-up actions taken under the SOPs specified in Section 4.2.3.5. In addition, these phone numbers will also be listed and advertised to collect feedback from the public education efforts as specified in Section 4.2.3.6.1.

4.2.3.9.1 Spill Response Procedures

The Permittee must develop a written spill and improper disposal response SOP or similar type of document and a flow chart for internal use, that shows the procedures for responding to public referrals of illicit discharges, the various responsible agencies and their contacts, and who would be involved in illicit discharge incidence response, even if it is a different entity, other than the Permittee. The procedure and list must be incorporated as part of the IDDE program and incorporated into the Permittee's SWMP document. The list must be maintained and updated as changes occur.

The Engineering Division in conjunction with the Stormwater Division, Fire and Police Departments have

developed a written spill prevention/response procedure. See Appendix 11

4.2.3.10 IDDE Program Evaluation

Permittees shall implement procedures for program evaluation and assessment which includes maintaining a database for mapping, tracking of the number and type of spills or illicit discharges identified; and inspections conducted.

The Public Works Department has adopted procedures for the IDDE program evaluation and assessment that includes a database for mapping, tracking of the number and type of spills or illicit discharges and inspections conducted. This program is evaluated annually as part of the annual report.

4.2.3.11 IDDE Employee Training

Permittees shall at a minimum, ensure that all staff, contracted staff, or other responsible entities, that as part of their normal job responsibilities might come into contact with or otherwise observe an illicit discharge or illicit connection to the MS4 receives annual training in the IDDE program including identification, investigation, termination, cleanup, and reporting of illicit discharges including spills, improper disposal, and illicit connections. Office personnel who might receive initial reports of illicit discharges, should also receive annual training. All Permittees shall require that all new hires are trained within **60 days** of hire date and annually thereafter, at a minimum.
Follow-up training shall be provided as needed to address changes in procedures, methods or staffing. Training shall include how to identify a spill, an improper disposal, or an illicit connection to the MS4 and proper procedures for reporting the illicit discharge. Training records must be kept and shall include dates, activities or course descriptions, and names and positions of staff in attendance. The Permittee shall include a summary of such training in the annual report.

The Public Works Department annually trains city employees (Section 4.2.1.5). The training is not exclusively IDDE training but includes how to identify a spill, an improper disposal, or an illicit connection to the MS4 and proper procedures for reporting the illicit discharge (described at more length in Section 4.2.6.9) and documented in accordance with Section 4.1. New hires are trained within 30 days of employment.

4.2.3.12 IDDE Documentation

The Director reserves the right to request documentation or further investigation of a particular non-storm water discharge of concern, to require a reasonable basis for allowing the non-storm water discharge and excluding the discharge from the Permittee's program, and to require inclusion of the discharge in the Permittee's program, if water quality concerns cannot otherwise be reasonably satisfied.

As specified in Section 4.1.2, ongoing documentation will be established and available for review upon request.

4.2.4 Construction Site Storm Water Runoff Control Program

All Permittees shall revised as necessary, implement and enforce a program to reduce pollutants in any storm water runoff to the MS4 from construction sites with a land disturbance of greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale according to the minimum performance measures listed below. Public and private projects, including projects proposed by the Permittee's own departments and agencies, shall comply with these requirements.

The minimum performance measures are:

This measure is intended to minimize polluted storm water runoff from construction activities. Construction activities can contribute significant levels of sediment to storm water runoff if erosion and sediment controls are not implemented. The program includes:

- Program Description/Establishing SOPs
- City Ordinances
- SWPPP

- Construction Site Inspections
- City Personnel Training
- Record Keeping of Permitted Sites

The city has developed and implemented a Construction Site Storm Water Runoff Control Program to reduce pollutants in any storm water runoff to the MS4 from sites with a land disturbance greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale. Public and private projects, including projects proposed by the city's own departments and agencies are required comply with these requirements.

The Public works Department procedures establish that a SWPPP will be prepared and submitted to the city for review before the contractor can obtain the approval for construction over an acre. The plan must include possible sources of storm water pollutants and Selection of Best Management Practices (BMPs) to reduce or eliminate pollutant impacts. The SWPPP's will be reviewed and discussed with the contractor at the preconstruction meeting as described in the permit. The SWPPP pre-construction review meeting will include a review of the site design, the planned operations at the construction site, planned BMPs during the construction phase, and the planned post-construction BMPs to manage runoff created after development.

Ordinance addresses any kind of land disturbance activities that disturb an area greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale. The ordinance also requires storm water pollution prevention controls on sites that do not meet the description mentioned above.

4.2.4.1 Erosion Requirements

Revised (as necessary) and enforce an ordinance or other regulatory mechanism that requires the use of erosion and sediment control practices at construction sites. The ordinance or other regulatory mechanism shall, at a minimum, be equivalent with the requirements set forth in the most current UPDES Storm Water General Permits for Construction Activities, which can be found at http://www.deq.utah.gov/Permits/water/updes/stormwatercon.htm. The ordinance or other regulatory mechanism shall include sanctions to ensure compliance. The ordinance or other regulatory mechanism shall apply, at a minimum, to construction projects disturbing greater than or equal to one acre as well as construction projects of less than one acre that are part of a larger common plan of development or sale which collectively disturbs land greater than or equal to one acre. Existing local requirements to apply storm water controls at sites less than 1 acre or not part of a Common Plan of Development may be retained.

The city requires contractors to submit an erosion control plan in the form of a SWPPP before final approval and submit a Notice of Intent (NOI) prior to construction.

4.2.4.1.1 SWPPP Requirement

The ordinance or other regulatory mechanism shall, at a minimum, require construction operators to prepare a Storm Water Pollution Prevention Plan (SWPPP) and apply sediment and erosion control BMPs as necessary to protect water quality, reduce the discharge of pollutants, and control waste such as, but not limited to, discarded building materials, concrete truck washout, chemicals, litter and sanitary waste at the construction site that may cause adverse impacts to water quality. The SWPPP requirements must be, at a minimum, equivalent with the SWPPP requirement set forth in the most current UPDES Storm Water General Permits for Construction Activities, which can be found at: http://www.deq.utah.gov/Permits/water/updes/stormwatercon.htm.

The city requires contractors to first develop a SWPPP for all construction greater than one acre or common plan of development as specified in the previous section.

4.2.4.1.2 Maintaining Construction Permit Coverage

Permittees shall ensure construction operators obtain and maintain coverage under the current UPDES Storm Water General Permits for Construction Activities for the duration of the project. Coverage can be obtained by completing a NOI as well as renewed online at:

https://deq.utah.gov/water-quality/general-construction-storm-water-updes-permits

4.2.4.1.3 Inspection Access to Private Properties
The ordinance shall include a provision for access by qualified personnel to inspect construction storm water BMPs on private properties that discharge to the MS4.

The Payson Ordinance 1.08.050.5 - Home Service Provider Duty to Cooperate on Record Inspection for Inspection includes provisions for city personnel to access permitted sites for the purpose to ensure compliance of any city ordinance or resolution violation.

4.2.4.2 Enforcement Mechanism
Develop a written enforcement strategy and implement the enforcement provisions of the ordinance or other regulatory mechanism which shall include:

Penalties and enforcement details can be found here: Payson : Municipal Code (municipalcodeonline.com)

4.2.4.2.1 Enforcement Procedures Plan
Standard operating procedures (SOPs) or similar type of documents that include specific processes and sanctions to minimize the occurrence of, and obtain compliance from violators which shall include appropriate escalating enforcement procedures and actions.

An enforcement procedure plan has been developed to include specific processes and sanctions to minimize the occurrence of violations and obtain compliance from violators. They can be found here: Payson : Municipal Code (municipalcodeonline.com)

4.2.4.2.2 Tracking Enforcement Actions
Documentation and tracking of all enforcement actions.

The Stormwater Division's inspector documents and tracks all of the enforcement actions and will continue to do so. The tracking system mechanism includes the use of e-mail and the iWorQ software.

4.2.4.3 SWPPP Review Procedures
Develop and implement SOPs or similar type of documents for pre-construction Storm Water Pollution Prevention Plan (SWPPP) review and keep records for, at a minimum, all construction sites that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, to ensure plans are complete and in compliance with State and Local regulations. Permittees shall keep records of these projects for five years or until construction is completed, whichever is longer. Prior to construction, the Permittee shall:

The Stormwater Division establishes that a SWPPP will be prepared and submitted to the city for review before the contractor can obtain the UPDES permit. The plan will include the selection of Best Management Practices (BMPs) to reduce or eliminate pollutant impacts. Stormwater preferences of the city are recommended and advocated for in this process. Stormwater basins are the preferred stormwater containment method since they can also reduce nutrient loading, given the vegetation. The SWPPPs are kept on site during the life of the project and kept with the as-builts when the project is completed.

The Engineering Division reviews development submissions, which includes SWPPPs, and they also advocate for basins and other preferred methods based on the nature of the site. That may include connecting to the existing piped system, swales, or infiltration structures depending on the terrain and lot size of the development. The Engineering Division's SOP for development review checklist is attached in Appendix 6.

4.2.4.3.1 SWPPP Pre-Construction Review
Conduct a pre-construction SWPPP review which includes a review of the site design, the planned operations at the construction site, planned BMPs during the construction phase, and the planned BMPs

to be used to manage runoff created after development.

The Stormwater Division conducts a SWPPP pre-construction review meeting with the contractor which it will includes a review of the site design, the planned operations at the construction site, planned BMPs during the construction phase, and the planned post-construction BMPs to manage runoff created after development.

4.2.4.3.2 SWPPP Review Check List

The Permittee must develop procedures for receiving and considering information and comments submitted by the public on proposed project.

The Stormwater Division reviews each SWPPP considering the potential water quality impacts in addition to using it to impact the types of BMPs installed on private sites. Procedures for the SWPPP review include ensuring that all the proper SWPPP BMPs and documentation is included on this document before the land disturbance permit is issued. LID is encouraged into the design where possible. This checklist is attached in Appendix 6.

4.2.4.3.3 Priority Construction Sites

Identify priority construction sites considering the following factors at a minimum:

- Soil erosion potential;
- Site slope;
- Project size and type;
- Sensitivity of receiving waterbodies;
- Proximity to receiving waterbodies; and
- Non-storm water discharges and past record of non-compliance by the operators of the construction site.

The Stormwater Division identifies priority construction sites as those that discharge directly into waters of the State or are otherwise deemed to have a high probability of effecting water quality through the SWPPP review process. The SWPPP review team identifies the site as priority site. These sites are recorded by the GIS department and are internally shown on their maps and those of the employees.

4.2.4.4 SOPs for Site Inspections and Enforcement

All Permittees shall develop and implement SOPs or similar type of documents for construction site inspection and enforcement of construction storm water pollution control measures. The procedures must clearly define who is responsible for site inspections as well as who has authority to implement enforcement procedures. An individual or entity who prepares a SWPPP for a construction project may not perform the construction site inspections required of Part 4.2.4.4.1 and 4.2.4.4.3 on behalf of the Permittee. The Permittee must have the authority, to the extent authorized by law, to impose sanctions to ensure compliance with the local program. These procedures and regulatory authorities must be written and documented in the SWMP.

The Stormwater Division's SWPPP Inspector is the person responsible for site inspections that disturb an area greater than one acre or are part of a common plan of development. Construction projects that require SWPPP's will be determined in the project review phase and the inspector(s) notified of approved projects as part of the pre-construction meeting. The enforcement SOP is laid out in Section 4.2.3.6 and 4.2.5.2.1, while the actual ordinances are linked in Section 4.2.4.2.1. Inspection SOPs are available at the Stormwater Division's office, or by request. However, a copy of the Construction Storm Water Inspection Form is attached in Appendix 10.

4.2.4.4.1 Construction Site Inspection Checklist

At a minimum, monthly inspections of all new construction sites with a land disturbance of greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale which collectively disturbs land greater than or equal to one acre are required. These inspections must be conducted by qualified personnel using the Construction Storm Water Inspection Form (Checklist) found on the Division's website at https://deq.utah.gov/water-quality/municipal-separate-

storm-sewer-system-ms4s-permits-updes-permits.

A “qualified person” is a person knowledgeable in the principles and practice of erosion and sediment controls and pollutant prevention, who possesses the skills to assess conditions at effectiveness of any storm water controls selected and installed to meet the requirements of this permit, such as but not limited to the following:

- Utah Registered Storm Water Inspector (RSI)
- Certified Professional in Erosion and Sediment Control (CPESC)
- Certified Professional in Storm Water Quality (CPSWQ)
- Certified Erosion, Sediment, and Storm Water Inspector (CESSWI)
- Certified Inspector of Sediment and Erosion Control (CISEC)
- National Institute for Certification in Engineering Technologies, Erosion and Sediment Control, Level 3 (NICET)
- Utah Department of Transportation Erosion Control Supervisor (ECS) (applicable to road/street projects only)

The Stormwater Division’s inspection procedures for all construction sites with a land disturbance of greater than one acre through monthly, if not more frequently, inspections by qualified personnel using the Construction Storm Water Inspection Form. Construction projects consisting of projects less than one acre that are part of a larger common plan of development or sale are also included in these procedures.

4.2.4.4.2 Construction Site Inspection

The Permittee must inspect all phases of construction, including prior to land disturbance, during active construction, and following active construction. The Permittee must document the procedure for being notified by construction operators/owners of their completion of active construction in its SWMP. Notification is required so that verification of final stabilization and removal of all temporary control measures may be conducted. This procedure must be provided to the construction operator/owner before active construction begins.

The SWPPP Inspector will inspect all phases of construction until the termination of the project. All sites will be inspected by the Inspector on a monthly basis and priority sites will be inspected every two weeks. Inspections will be documented on the state form and emailed for documentation. All inspections will follow the inspection SOP. Final inspections are conducted by the inspectors to ensure the site is stabilized and the permeant control measures have been installed correctly.

4.2.4.4.3 Biweekly Inspections of Construction Sites

Inspections by the MS4 of priority construction sites defined in Part 7.36 must be conducted at least biweekly (every two weeks) using the Construction Storm Water Inspection Form (Checklist) found on the Division’s website at http://www.deq.utah.gov/Permits/water/updes/stormwatermun.htm.

The SWPPP Inspector inspects sites with priority designations (as determined during the SWPPP review) at least bi-weekly using the Construction Storm Water Inspection Form attached in Appendix 10.

4.2.4.4.4 Inspection Enforcement

Based on site inspection findings, the Permittee must take all necessary follow-up actions (i.e., re-inspection, enforcement) to ensure compliance in accordance with the Permittee’s enforcement strategy. These follow-up and enforcement actions must be tracked and documented.

The SWPPP Inspector will take all necessary follow-up actions (re-inspection, enforcement) to ensure compliance in accordance with city ordinances. Enforcement actions are tracked and documented by the iWorQ software. Once an illicit discharge or other actionable offense is acknowledged by the public works department by way of SWPPP inspections, the department, with the assistance from the City of Payson, pursue the enforcement steps laid out in the ordinances.

4.2.4.4.5 Publicizing Hotline

Permittees shall publicly provide and publicize a hotline or other local telephone number for public

reporting of storm water related issues on construction sites, such as tracking onto streets. Records of violations, enforcement actions and corrective actions taken shall be traced and documented.

The Public Works Department has published a stormwater website that has established a hotline for afterhours/on call and emergency dumping as follows.

- "Main number: (801) 465-5200"
- "After Hours Number: (801) 465-5270"

Storm Water | Payson Utah

4.2.4.5 City Personnel Training

The Permittee must ensure that all staff, whose primary job duties are related to implementing the construction storm water program, including permitting, plan review, construction site inspections, and enforcement, are annually trained to conduct these activities. The training can be conducted by the MS4 or outside training can be attended. Such training must extend to third-party inspectors and plan reviewers as well. The Permittee shall ensure that all new hires are trained upon hire and before commencing storm water related duties and annually thereafter, at a minimum. Follow-up training shall be provided as needed to address changes in procedures, methods or staffing. The training records to be kept include dates, activities or course descriptions, and names and positions of staff in attendance.

The Stormwater Division has trained staff whose primary job duties are related to implementing the construction storm water program, including permitting, plan review, construction site inspections, and enforcement. The training has been conducted through a third-party software program. Training records (including new hirer) include dates, names and positions of staff, and completion status are kept by the city. An example of this record for Spring 2022 is attached in appendix 4.

4.2.4.6 Record Keeping of Permitted Sites

All Permittees shall maintain records of all projects disturbing greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale which collectively disturbs land greater than or equal to one acre. Permittees shall keep records which include but not limited to, site plan reviews, SWPPPs, inspections, and enforcement actions including verbal warnings, stop work orders, warning letters, notices of violation, and any other enforcement conducted. Permittees shall keep records of these projects for five years or until construction is completed, whichever is longer.

All inspected sites (all those that trigger the Construction General Permit) have their records kept on the iWorQ software utilized by the city.

4.2.5. Long-Term Storm Water Management in New Development and Redevelopment (Post-Construction Storm Water Management)

All Permittees shall revise as necessary, implement and enforce a program to address post-construction storm water runoff to the MS4 from new development and redevelopment construction sites disturbing greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, according to the minimum performance measures listed below. The objective of this control measure is for the hydrology associated with new development to mirror the pre-development hydrology of the previously undeveloped site or to improve the hydrology of a redeveloped site and reduce the discharge of storm water. The water quality considerations of this minimum control measure do not replace or substitute for water quantity or flood management requirements implemented on the local level for new developments. The water quality controls may be incorporated into the design of structures intended for flow control; or water quality control may be achieved with separate control measures. The program must apply to private and public development sites, including roads.

Prior planning and design minimize pollutants in runoff from in new developments and is an important

component to storm water quality management. This represents the third element of Payson's strategy. As talked above in previous sections of this permit, the Construction review process and SWPPP review process are where the Public Works Department advocates for preferred stormwater solutions and better practice. However, once development projects accumulate over a sufficient amount of time, the peripheral factors such as staff training and new ordinances begin to show their effect on new development. The department therefore includes all of the following as part of the Post-Construction Storm Water Management program:

- City Ordinance Modifications
- Design Standards for Post-Construction Water Controls
- Review of Post-Construction Water Controls
- SOPs for Inspections and Enforcement
- City Personnel Training
- Post-Construction BMP Inventory

The Stormwater Division will update the post-construction storm water management program to address runoff from new development and redevelopment construction sites disturbing an area greater than or equal to 1 acre, including projects less than 1 acre that are part of a larger common plan of development or sale to the MS4.

The objective of this program is for the hydrology associated with the new development to mirror the pre-development hydrology of the previously undeveloped site or to improve the hydrology of a redeveloped site and reduce the discharge of storm water.

4.2.5.1 Post Construction Ordinances

Develop and adopt an ordinance or other regulatory mechanism that requires long-term post-construction storm water controls at new development and redevelopment sites. The ordinance or other regulatory mechanism shall apply, at a minimum, to new development and redevelopment sites that discharge to the MS4 and that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale. Existing local requirements to apply storm water controls at smaller sites shall be retained. The ordinance or other regulatory mechanism shall require BMP selection, design, installation, operation and maintenance standards necessary to protect water quality and reduce the discharge of pollutants to the MS4.

The Stormwater Division has updated the Storm Water Regulations to address storm water controls at new development and redevelopment sites with post-construction considerations. These updates can be found here: Payson : Municipal Code (municipalcodeonline.com)

4.2.5.2 Enforcement Responsibilities

Implement an enforcement strategy and implement the enforcement provisions of the ordinance or other regulatory mechanism. Procedures for enforcement of BMPs include:

Using ordinances and the fees and penalties associated with them to ensure correct installation of BMPs, and the maintenance required thereafter.

4.2.5.2.1 Enforcement Procedures and Actions

The Permittee must include enforcement provisions in the ordinance or other regulatory mechanism that must contain procedures for specific processes and sanctions to minimize the occurrences of violations and obtain compliance from chronic and recalcitrant violators. These processes and sanctions shall include appropriate, escalating enforcement procedures and actions.

The procedures and actions to gain compliance from violators are shown in the following:

- The enforcement options are detailed in the city ordinances
- BMP Inspection prior to acceptance of site improvements

- Maintenance easements must be properly recorded in the land record
- Maintenance arrangements with third parties will be arranged through appropriate legal means
- Periodic inspections of private and city owned or operated post-construction BMPs by the Stormwater Divison's personnel or SWPPP Inspector
- If a property is not maintained by a contracted third party or repaired within the time allowed by the city, the city will perform the maintenance and repairs at its expense, and bill the same to the property owner
- Notification to owners of a problem location, specifying time allowed to reach compliance
- Other actions include: notice of violation, stop work orders, cease and desist orders, and citations

4.2.5.2.2 Documentation for Post-Construction BMP Requirements

The permittee must maintain documentation on how the requirements of the ordinance or other regulatory mechanism will protect water quality and reduce the discharge of pollutants to the MS4. Documentation shall include:

- How long-term storm water BMPs were selected;
- The pollutant removal expected from the selected BMPs; and
- The technical basis which supports the performance claims for the selected BMPs.

All Permittees shall adopt and implement SOPs or similar types of documents for site inspection and enforcement of post-construction storm water control measures. These procedures must ensure adequate ongoing long-term operation and maintenance of approved storm water control measures.

Each BMP is reviewed and approved by the Engineering and Stormwater Divisions during the permitting process. The selection process includes what the intended objective of the BMP was; the targeted pollutants the BMP would help control, how effective this BMP will be and the requirements for implementing this BMP. This process is recorded by the city and the city GIS database is used to keep an inventory of all new Post-Construction BMPs.

4.2.5.2.3 Post Construction Access

The ordinance or other regulatory mechanism shall include provisions for post-construction access for Permittees to inspect storm water control measures on private properties that discharge to the MS4 to ensure that adequate maintenance is being performed. The ordinance or other regulatory mechanism may require private property owner/operators or qualified third parties to conduct maintenance and provide annual certification that adequate maintenance has been performed and the structural controls are operating as designed to protect water quality, in lieu of the Permittee. If the Permittee requires a maintenance agreement addressing maintenance requirements for any control measures installed on site, the agreement must allow the Permittee to conduct oversight inspections of the storm water control measures and also account for transfer of responsibility in leases and/or deeds. The agreement must also allow the Permittee to perform necessary maintenance or corrective actions neglected by the property owner/operator and bill or recoup costs from the property owner/operator as needed.

The Ordinance 1.08.050.5 Home Service Provider Duty to Cooperate on Record Inspection for Inspection includes provisions for city personnel to access permitted sites for the purpose to ensure compliance of any city ordinance or resolution violation. The Engineering Division and Legal Department will continue to update the Storm Water Ordinance to effectively track and permit land disturbance activities; any changes to the ordinance will be documented on table below.

The general penalty as specified in 1.03.040 is that where the performance of any act is prohibited or declared to be unlawful, by any provision of any ordinance, included in these revised ordinances, or ordinances hereafter enacted, and no penalty for the violation of such ordinance is imposed by any ordinance, the doing of such act is a Class C Misdemeanor.

Specific fines for storm water violations will be included in ordinance revisions, noted in Section 2.3.3.1.

4.2.5.2.4 Permanent BMPs

Permanent structural BMPs shall be inspected at least once during installation by qualified personnel. Upon completion, the Permittee must verify that long-term BMPs were constructed as designed.

Public Works Department inspects and documents structural BMPs at least once during installation. SWPPP Inspectors observe the construction of BMPs during routine construction SWPPP inspections as part of existing SOPs. If the BMP is not inspected during typical inspection, it will be inspected during the final inspection.

In order for the property owner to pass the final inspection, and therefore get an occupancy license, they must submit a maintenance plan. Most of the time this will likely be a portion of the SWPPP maintenance schedule with the responsible parties switched to the property owner. This will serve to both reiterate the importance of the stormwater infrastructure and the owner's responsibility to maintain it. The goal of this is to eventually reduce or eliminate sediment, trash, debris, and pollutants from flowing into the public system from the private ones.

4.2.5.2.5 Inspections and Maintenance

Inspections and any necessary maintenance must be conducted at least every other year or as necessary to maintain functionality of the control by either the Permittee, or, if applicable, the property owner/operator. On sites where the property owner/operator is conducting maintenance, the Permittee shall inspect those storm water control measures at least once every five years, or more frequently as determined by the Permittee, to verify and ensure that adequate maintenance is being performed. Following an inspection, if there is an observed failure of a facility to perform as designed, the Permittee must document its findings in an inspection report. The inspection report must include the following:

- Inspection date;
- Name and signature of inspector;
- Project location;
- Current ownership information;
- A description of the condition of the storm water control measure including the quality of: vegetation and soils; inlet and outlet channels and structures; catch basins; spillways; weirs, and other control structures; and sediment and debris accumulation in storage as well as in and around inlet and outlet structures; and,
- Specific maintenance issues or violations found that need to be corrected by the property owner or operator along with deadlines and re-inspection dates.

The Stormwater Division inspects and maintains structural BMPs owned or operated by the city at least annually through the catch basin cleaning and pipe jetting schedule. Facilities that are owned/operated by a private entity will also be inspected and maintained by the owner/operator as specified in the maintenance agreement with the city. The short term measurable goals quantify the extent of maintenance the city will be engaged in. These goals can be found in section 4.1.3.1

4.2.5.3 Post-Construction Controls Standards for Development and Redevelopment Projects

The Permittee's new development/redevelopment program must have requirements or standards to ensure that any storm water controls or management practices for new development and redevelopment will prevent or minimize impacts to water quality. BMPs must be selected that address pollutants known to be discharged or anticipated to be discharged from the site.

The Stormwater Division has created requirements and standards to ensure that any storm water controls or management practices for development and redevelopment projects will prevent or minimize impacts to water quality as outlined in the previous sections.

4.2.5.3.1 Procedures

Adopt and implement procedures for site plan review which evaluates potential water quality impacts. The procedures shall apply through the life of the project from conceptual design to project closeout. Permittee.

See the entirety of sections 4.24 and 4.25.

4.2.5.3.2 Post Construction Controls

Review post-construction plans for, at a minimum, all new development and redevelopment sites that

disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale which collectively disturbs land greater than or equal to one acre, to ensure that the plans include long-term storm water management measures meet the requirements of this minimum control measure.

The Engineering and Stormwater Divisions have procedures in place for reviewing the proposed post-construction BMPs in order to address water quality impacts. Prior to site plan approval, the Storm Water Inspector and the Engineering Division will review the SWPPP, specify any preferred design, and document any storm water facilities impacted

The Public Works Department evaluates and encourages a Low Impact Development (LID) approach which encourages the implementation of structural BMPs, where practicable, that infiltrate, evapotranspire, or harvest and use storm water from the site to protect water quality. Structural controls may include green infrastructure practices such as rainwater harvesting, rain gardens, permeable pavement, and vegetated swales. The selection design of post-construction controls will take into consideration clogging or obstruction issues, freeze-thaw problems, effect on slope stability and groundwater, and the ability to effectively maintain the control.

If LID practices are proposed to be used on a site, the Engineering Division will review and evaluate the proposal to make sure it works well with existing infrastructure, the goals of the City of Payson, and will perform adequately in the soil and terrain conditions for the particular site before approval.

4.2.5.4 Inventory

The Permittee must maintain an inventory of all post-construction structural storm water control measures installed and implemented at new development and redeveloped sites that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale which collectively disturbs land greater than or equal to one acre. This inventory must include both public and private sector sites located within the Permittee's service area that were developed since the Permittee obtained coverage by this permit or the date that post-construction requirements came into effect, whichever is later.

4.2.5.4.1 Inventory Entry

Each entry to the inventory must include basic information on each project, such as project's name, owner's name and contact information, location, start/end date, etc. In addition, inventory entries must include the following for each project:

- Short description of each storm water control measure (type, number, design or performance specifications);
- Short description of maintenance requirements (frequency of required maintenance and inspections); and
- Inspection information (date, findings, follow up activities, prioritization of follow-up activities, compliance status)

The GIS map is where the inventory is kept. There is an internal version that has most of the Data. The public version is necessarily limited. The following items data lines will be associated all the basins (and other stormwater BMPs) on the GIS map:

- Code or link that matches to the iWorQ inspections for that BMP
- Name and description of BMP
- Maintenance needs

4.2.5.4.2

Based on inspections conducted pursuant to Part 4.2.5.2.5, the Permittee must update the inventory when changes occur in property ownership or the specific control measures implemented at the site.

The Inventory has a link to the inspection software. Any updates will be recorded there. Anyone looking to find information and the reason for those changes will be directed to the iWorQ designation of that project.

4.2.5.5 Training

Training. Permittees shall ensure that all staff involved in post-construction storm water management, including those that conduct plan review, annual maintenance inspections, and enforcement, receive appropriate training. Training shall be provided or made available for staff in the fundamentals of long-term storm water management through the use of structural and non-structural control methods. Training records must be kept and include, at a minimum, dates, activities or course descriptions, and names and positions of staff in attendance. The Permittee shall ensure that all new hires are trained within 60 days of hire and annually thereafter, at a minimum. Follow-up training shall be provided as needed to address changes in procedures, methods, or staffing.

The Stormwater Division provides trainings once per year to all employees. See Appendix 4.

4.2.6. Pollution Prevention and Good House Keeping for Municipal Operators

All Permittees shall implement a program for Permittee-owned or operated facilities, operations and structural storm water controls that includes standard operating procedures (SOPs), pollution prevention BMPs, storm water pollution prevention plans or similar type of documents and a training component that have the ultimate goal of preventing or reducing runoff of pollutants to the MS4 and Waters of the State. All components of the program shall be included in the SWMP document and must identify the department (and where appropriate, the specific staff) responsible for performing each activity described in this section. The Permittee must develop an inventory of all such Permittee-owned or operated facilities. The Permittee must review this inventory annually and update as necessary. The minimum performance measures are:

This measure is intended to ensure a reduction in the amount and type of storm water pollutants by establishing routine activities in the operation and maintenance of municipal operations that affect storm water runoff. Setting particular guidelines for source controls and materials management is an important component to storm water quality management. The Program includes:

- Operation and Maintenance Program Description/Establishing SOPs
- Facilities Inventory
- High Priority Facilities and Activities
- Inspection of Facilities
- City Personnel Training

The Pollution Prevention and Good Housekeeping Program of this SWMP addresses routine activities in the operation and maintenance of City owned facilities, drainage systems, roadways, parks and open spaces, and other municipal operations to reduce pollutants entering the storm drain system. Various City Departments and Divisions have prepared an operations and maintenance manual (O&M Manual) for the City owned facilities and City activities with standard operating procedures (SOPs) for the maintenance and proper operation of structural storm water controls along with a training component that has the ultimate goal of preventing or reducing pollutant runoff from the City owned facilities and operations. All of the components of the O&M program will be included in this document. It will identify the department and the staff responsible for performing each activity described in this section.

4.2.6.1 Inventory of City Owned or Operated Facilities

Permittees shall develop and keep current a written inventory of Permittee-owned or operated facilities and storm water controls that may include but is not limited to:

- Composting facilities
- Equipment storage and maintenance facilities
- Fuel farms
- Hazardous waste disposal facilities

- Hazardous waste handling and transfer facilities
- Incinerators
- Landfills
- Landscape maintenance on municipal property
- Materials storage yards
- Pesticide storage facilities
- Public buildings, including libraries, police stations, fire stations, municipal buildings, and similar Permittee-owned or operated buildings
- Public parking lots
- Public golf courses
- Public swimming pools
- Public works yards
- Recycling facilities
- Salt storage facilities
- Solid waste handling and transfer facilities
- Street repair and maintenance sites
- Vehicle storage and maintenance yards
- Permittee-owned and/or maintained structural storm water controls

The Stormwater Division in conjunction with other City Divisions and Departments created an inventory of City owned facilities. This list will be reviewed annually and updated as necessary. The care and maintenance of each facility will be assigned to a specific Division or Department for its care and maintenance. The list includes:

- Structural storm water controls (basins, stormwater systems)
- Parks and open space
- Public facilities
- Public works facilities
- Parking lots
- Golf courses
- Swimming pools

Facilities covered under the General UPDES Permit for Storm Water Discharges Associated with Industrial Activities will maintain a Storm Water Pollution Prevention Plan (SWPPP).

See the inventory in Appendix 5.

4.2.6.2 Pollutant Discharge Potential Assessment

All Permittees shall assess the written inventory of Permittee-owned or operated facilities, operations, and storm water controls identified in Part 4.2.6.1 and make a list of common pollutants that may originate from these facilities and how to prevent them from entering the storm water system. A description of the assessment process and findings must be included in the SWMP document.

The Stormwater Division in conjunction with other City Departments has assessed the city owned facilities and operations annually for their potential to discharge to storm water systems the following typical urban pollutants annually. A description of the assessment process and findings is included on each O&M Manual.

4.2.6.3 High Priority Facilities and Activities

Based on the assessment required in Part 4.2.6.2., the Permittee must identify as “high-priority” those facilities or operations that have:

- Pollutants stored at the site;
- Improperly stored materials;
- Potential pollutant-generating activities performed outside (e.g. changing

automotive fluids)
 Close proximity to fresh water and water bodies, including but not limited, to streams, canals, rivers, ponds and lakes;
 Potential to discharge pollutant(s) of concern to impaired water(s).

The Permittee shall provide water quality control measures and BMPs at all high-priority sites designed to target the specific pollutants generated onsite, and/or the pollutants associated with the impaired waters. The Permittee shall monitor the control measures and BMPs regularly to verify that the BMPs are functioning. Control measures, BMPs, and monitoring schedules shall be specified in the Permittee's SWMP.

The Stormwater Division in conjunction with other City Departments has identified facilities as "high priority" based on the pollutant discharge potential assessment of each facility or operations that have a high potential to generate storm water pollutants. The factors that will be considered in giving a facility a high priority ranking will be the number of urban pollutants stored at the site, the identification of improperly stored materials, activities that must be performed outside, proximity to water bodies, poor housekeeping practices, and discharge of pollutants of concern to impaired waters by January 1st, 2016.

4.2.6.4 High Priority Facilities SOPs

Within 180 days from the effective date of this Permit, the Permittee shall develop and implement a Storm Water Pollution Prevention Plan (SWPPP) or similar type document for each "high-priority" Permittee-owned or operated facility. The SWPPP shall identify potential sources of pollution that may reasonably be expected to affect the quality of storm water discharges associated with activity from the facility. The The Permittee shall update the SWMP to include a list of "high priority" facilities according to 4.2.6.3 and prepare a Storm Water Pollution Prevention Plan (SWPPP) for each facility within 180 days from the effective date of this permit. Each "high priority" facility shall implement a SWPPP outlining measures to prevent pollutants from entering the storm drain system from each of these facilities and contain an inspection schedule of the facility.

The SWPPP shall include a site map showing the following information:

- Property boundaries;
- Buildings and impervious surfaces;
- Directions of storm water flow (use arrows);
- Locations of structural control measures;
- Location and name of the nearest defined drainage(s) which could receive runoff from the facility, whether it contains water or not;
- Locations and names of all storm water conveyances including ditches, pipes, basins, inlets, and swales;
- Locations where the following activities are exposed to storm water:
  - 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 property.

Priority facilities will be shown on GIS (Internal only) and will have a link to the plans and the SOPs for maintenance

and spills

4.2.6.5 Inspection of City Owned or Operated Facilities

The following inspections shall be conducted at "high priority" Permittee-owned or operated facilities:

Each department O&M Manual includes weekly visual inspections of "high priority" facilities, quarterly comprehensive inspections of "high priority" facilities, and quarterly visual observations of storm water discharges from "high priority" facilities.

4.2.6.5.1 Weekly Visual Inspections

The Permittee must perform weekly visual inspections of "high priority" facilities in accordance with the developed SOPs to minimize the potential for pollutant discharge. The Permittee must look for evidence of spills and immediately clean them up to prevent contact with precipitation or runoff. The weekly inspections must be tracked in a log for every facility and records kept with the SWMP document. The inspection log should also include any identified deficiencies and the corrective actions taken to fix the deficiencies.

Each department performs weekly visual inspections of their "high priority" facilities or areas of the facilities that each department is responsible for in accordance with their O&M Manual to minimize the potential for pollutant discharge. Any spill discovered will be documented and cleaned up immediately to prevent contact with precipitation or runoff. The weekly inspections are tracked ONLY IF ACTION ITEMS ARE REQUIRED. If required, the stormwater inspector is asked to inspect and then the records are tracked in iWorQ.

4.2.6.5.2 Semi-Annual comprehensive inspection

At least twice per year, a comprehensive inspection of "high priority" facilities, including all storm water controls, must be performed, with specific attention paid to waste storage areas, dumpsters, vehicle and equipment maintenance/fueling areas, material handling areas, and similar pollutant-generating areas. The semi-annual inspection results must be documented and records kept with the SWMP document. This inspection must be done in accordance with the developed SOPs. An inspection report must also include any identified deficiencies and the corrective actions taken to remedy the deficiencies.

Each department performs, at least twice per year, a comprehensive inspection of the "high priority" facilities identified. During the "high priority" facility inspections, specific attention will be given to:

- Waste storage areas
- Dumpsters
- Vehicle and equipment maintenance areas
- Fueling areas
- Material handling areas
- Pollutant-generating areas

4.2.6.5.3 Annual Visual Observation of Storm Water Discharges

At least once per year, the Permittee must visually observe the quality of the storm water discharges from the "high priority" facilities (unless climate conditions preclude doing so, in which case the Permittee must attempt to evaluate the discharges four times during the wet season). Any observed problems (e.g., color, foam, sheen, turbidity) that can be associated with pollutant sources or controls must be remedied to prevent discharge to the storm drain system. Visual observations must be documented and records kept with SWMP document. This inspection must be done in accordance with the developed SOPs. The inspection report must also include any identified deficiencies and corrective actions taken to remedy the deficiencies.

The Stormwater or SWPPP Inspector visually observes the quality of storm water discharges from "high priority" facilities once per year, **during a rain event**. Any observed problems such as color, foam, sheen, or turbidity that can be associated with pollutant sources or controls are remedied according to

the strictures set out in this document to prevent discharge to the storm drain system. Remedies that will require modification to structural controls are presented to the Public Works Department for approval where temporary remedies will be implemented during that period of time. Visual observations are documented, and records are kept with the SWMP document.

SOPs for the inspection are as follows:

- Locate monitoring discharge point
- Collect sample in a glass container
- Take 3 temperature measurements and average them.
- Document with pictures: water sample, runoff flow patterns, observed sheet flows, etc.
- Identify deficiencies and report to the parties responsible for the deficiencies
- Responsible party will then report back to the SWPPP Inspector the corrective actions taken
- SWPPP Inspector conducts a follow up inspection to verify correction and finish report

Dry weather sampling may cover this if in a given year if the facility has an outfall.

4.2.6.6 SOPs for MS4 Facilities

Permittees shall develop and implement SOPs to protect water quality at each of the facilities owned or operated by the Permittee and/or activities conducted by the Permittee including, but not limited to, those listed below:

- Buildings and facilities;
- Material storage areas;
- Heavy equipment storage areas and maintenance areas;
- Parks and open space;
- Vehicle and Equipment;
- Roads, highways, and parking lots; and
- Storm water collection and conveyance system.

4.2.6.6.1 SOPs shall address the following practices to ensure they are protective of water quality:

- Use, storage and disposal of chemicals;
- Storage of salt, sand, gravel, landscaping materials, asphalt and other materials;
- Waste and trash management;
- Cleaning, washing, painting and maintenance activities including: cleaning of maintenance equipment, building exteriors, and trash containers;
- Sweeping roads and parking lots;
- Proper application, storage, and disposal of fertilizer, pesticides, and herbicides and minimizing their use;
- Lawn maintenance and landscaping activities including: proper disposal of lawn clipping and vegetation;
- Green waste deposited in the street;
- Proper disposal of pet wastes;
- Vehicle maintenance and repair activities including: use of drip pans and absorbents under or around leaky vehicles and equipment;
- Vehicle/equipment storage including storing indoors where feasible;
- Vehicle fueling including placing fueling areas under cover in order to minimize exposure where feasible;
- Road and parking lot maintenance, including: pothole repair, pavement marking, sealing, and repaving;
- Cold weather operations, including: plowing, sanding, application of deicing compounds, and maintenance of snow disposal areas;
- Right-of-way maintenance, including: mowing, herbicide and pesticide application;
- Municipally-sponsored events such as large outdoor festivals, parades, or street fairs and the clean-up following these events;

- Regular inspection, cleaning, and repair of storm water conveyance and structural storm water controls;
- Graffiti removal; and
- Any activities or operations not listed above that would reasonably be expected to discharge contaminated runoff;

The O&M program includes: city owned or operated offices, police and fire stations, swimming pool, parking lots, etc. Each department that has an impact on storm water discharging to the municipal separate storm sewer system (MS4), have their O&M Manuals and SOPs to include the following items:

- Address the use, storage and disposal of chemicals and ensure, through employee training, that those responsible for handling these products understand and implement SOPs
- The SOPs will address dumpsters and other waste management which includes, but is not limited to cleaning, washing, painting and other maintenance activities
- The O&M program will include schedules and SOPs for sweeping parking lots and keeping the area surrounding the facilities clean to minimize runoff of pollutants

4.2.6.6.2

SOPs must include a schedule for Permittee owned road and parking lot sweeping and storm drain system maintenance. The SOPs must include regular inspection, cleaning, and repair of catch basins, storm water conveyance pipes, ditches and irrigation canals, culverts, structural storm water controls, and structural runoff treatment and/or flow control facilities. Permittees must prioritize sweeping and storm sewer system maintenance, with the highest priority areas being maintained at the greatest frequency. Priorities should be driven by water quality concerns, most recent assessment the receiving water, the amount and type of material that typically accumulates in an area, or other location-specific factors.

The Public Works Department has developed a street sweeping and inlet cleaning regime that runs continuously.

The street sweeping regiment happens once every two weeks and slowly completes the entire city in approximately half a year.

The inlet cleaning crew goes out once a month and cleans the entire city's inlets approximately once per year.

4.2.6.6.3 Parks and Open Space

Permittees must ensure and document proper disposal methods of all waste and wastewater removed during cleaning and maintenance of the storm water conveyance system. These disposal methods apply to, but are not limited to, street sweeping and catch basin cleaning. Materials removed from the MS4 should be dewatered in a contained area and discharged to the local sanitary sewer (with approval of local authorities) where feasible. The solid material will need to be stored and disposed of properly to avoid discharge during a storm event. Any other treatment and disposal measures shall be reviewed and approved by the Director. Some materials removed from storm drains and open channels may require special handling and disposal and may not be authorized to be disposed of in a landfill. The solid material shall be stored and disposed of in accordance to federal, state and local laws.

The street sweeping and inlet cleaning regime implemented by the Public Works Department dispose at their facilities. Additionally, the areas of public space that are included in the priority facilities list have SOPs regarding sanitation and general upkeep. See Appendix 7.

4.2.6.6.4 Vehicle and Equipment

Permittees must ensure that vehicle, equipment, and other wash waters are not discharged to the MS4 or waters of the state as these types of discharges are strictly prohibited under this Permit. Additionally, the Permittee must minimize discharges to waters of the state that are associated with snow disposal and melt.

All departments update their O&M Manual SOPs to address vehicle maintenance and repair needs on a "as-needed" basis. Specifically, the Golf Course, Fleet Department, and Parks Department that

maintains vehicles at their facilities will include BMPs such as drip pans and absorbents under or around leaky vehicles and equipment or storing indoors where feasible.

The fueling area operated by the Public Works Department is constantly monitored and evaluated according to the requirements of their MSGP SWPPP. Vehicle wash procedures will be addressed by all Departments to ensure that wash waters are not discharged to the MS4 or surface waters.

4.2.6.6.5

The Permittee shall develop a spill prevention plan in coordination with the local fire department.

The Spill prevention and response plan has been developed in conjunction with the Payson Fire Department. See Appendix 11

4.2.6.6.6

All Permittees must maintain an inventory of all floor drains inside all Permittee-owned or operated buildings and ensure that all floor drains discharge to appropriate locations. The inventory shall be updated as necessary to ensure accuracy.

The Public Works Department will update its internal GIS program with all of the floor drains. At the date of this submission the floor drains have not been mapped.

4.2.6.7

The Permittee shall be responsible for ensuring, through contractually-required documentation and/or periodic site visits that contractors performing Operation and Maintenance (O&M) activities for the Permittee are using appropriate storm water controls and following the SOPs, storm water control measures, and good housekeeping practices of the Permittee.

Each department will identify any facility or operations that could reasonably be expected to discharge to the municipal separate storm sewer system (MS4) and update their O&M Manuals SOPs to include facilities and operations not listed above that would reasonably be expected to discharge contaminated runoff.

The Stormwater Division will allow private developments to be able to conduct their own maintenance and inspections of storm water BMPs and will be held to the same standards as city personnel. These expectations will be defined through a proposed city ordinance to insure through contractually required documentation or periodic site visits, that the owner of such storm water BMPs is following SOPs to maintain such controls. This permit requirement is also covered in Section 4.2.5 of this plan.

4.2.6.7 Operation and Maintenance

The Permittee shall be responsible for ensuring, through contractually-required documentation and/or periodic site visits that contractors performing Operation and Maintenance (O&M) activities for the Permittee are using appropriate storm water controls and following the SOPs, storm water control measures, and good housekeeping practices of the Permittee.

4.2.6.8 Flood Management Controls Design

The Permittee must develop and implement a process to assess the water quality impacts and the design of all new flood management structural controls that are associated with the Permittee or that discharge to the MS4. This process shall include consideration of controls that can be used to minimize the impacts to site water quality and hydrology while still meeting project objectives. A description of this process shall be included in the SWMP document.

The review for flood management structural controls follows the same review process as the permanent/ post-construction stormwater management review described in section4.2.5, when a developer or private entity is involved in implementing Flood Management controls.

When the City of Payson contracts work for flood management controls, the process is as follows:

- The developer submits proposed flood management structural control method

- The developer submits technical literature from manufacturer of selected pre-treatment control listing the pollutant removal capabilities of said pre-treatment control
- The city Engineer and Stormwater Coordinator reviews submitted technical literature and determines if the selected control's pollutant removal capabilities are acceptable.

4.2.6.8.1 Existing Flood Management

Existing flood management structural controls shall be assessed to determine whether changes or additions should be made to improve water quality. A description of this process and any changes or additions made should be included in the SWMP document.

Existing flood management structural controls will be assessed by Engineering and the Stormwater Divisions to determine whether changes or additions should be made to improve water quality. General standards pertaining to Flood Plain Areas 20.20.4 where The city council may, upon recommendation of the city engineer and when it deems it necessary for the health, safety, or welfare of the present and future population of the area and necessary to the conservation of water, drainage, and sanitary facilities, prohibit the subdivision of any portion of the property which lies within the one hundred (100) year flood plain of any stream or drainage course. These flood plain areas should be preserved from any and all destruction or damage resulting from clearing, grading, or dumping of earth, waste material, or stumps, except at the discretion of the city council.

The city presently has several detention basins that were constructed with individual subdivisions or commercial site plans to address flood management. As part of the city's adopted storm water master plan, the city is moving toward regionalized detention rather localized detention. As these regional basins are constructed existing local basins may be removed. The existing flood management structural controls will be assessed following the process listed below:

- Routine site visits (as described in Section 4.2.5.5.3)
- Condition assessment (as described in Section 4.2.5.5.3) where concerns to city Engineer's attention and Engineering Division determines proper corrective action

4.2.6.9

The Permittee must develop a plan to retrofit existing developed sites that the Permittee owns or operates that are adversely impacting water quality. The retrofit plan must be developed to emphasize controls that infiltrate, have evapotranspiration, or harvest and use storm water discharges.

The plan must include a ranking of retrofit sites based on the following criteria:

- Proximity to waterbody;
- Current assessment of waterbody with the goal to improve impaired waterbodies and protect unimpaired waterbodies;
- Hydrologic condition of the receiving waterbody;
- Proximity to sensitive ecosystem or protected area; and
- Any sites that could be further enhanced by retrofitting storm water controls.

See the maintenance sections of this permit.

4.2.6.10 City Personnel Training

The Permittee shall require that all employees, contracted staff, and other responsible entities that have primary operation, or maintenance job functions that are likely to impact storm water quality receive annual training. The annual training shall address the importance of protecting water quality, the requirements of this Permit, O&M requirements, inspection procedures, ways prevent or minimize impacts to water quality by how they perform their job activities SOPs and SWPPPs for the various Permittee-owned or operated facilities, as well as, procedures for reporting water quality concerns, including potential illicit discharges. Training records must be kept and contain, at a minimum, dates, activities or course descriptions, and names and positions of staff in attendance. The Permittee shall document and maintain records of the training provided and the staff in attendance. The Permittees must ensure that all new hires are trained within 60 days of hire and annually thereafter, at a minimum. Follow-up training shall be provided as needed to address changes in procedures, methods, or staffing.

More specific information pertaining to employee training can be found in Section 4.2.1 of this document.

4.3 Sharing Responsibility

4.3.1 Implementation of one or more of the six minimum measures may be shared with another entity, or the entity may fully take over the measure. A Permittee may rely on another entity only if:

4.3.2 The other entity, in fact, implements the control measure;

4.3.3 The particular control measure, or component of that measure, is at least as stringent as the corresponding Permit requirement; and

4.3.4 The other entity agrees to implement the control measure through a written agreement. This obligation must be maintained as part of the description given in the Permittee's SWMP document. If the other entity agrees to report on the minimum control measure, the Permittee must supply the other entity with the reporting requirements contained in Part 5.5. of this Permit. If the other entity fails to implement the control measure, then the Permittee remains liable for any discharges due to any failure to implement the control measure.

4.3.5 The Permittee conducts training of the responsible entity on the Permit requirements and applicable standard operating procedures.

4.4 Reviewing and Updating Storm Water Management Programs

4.4.1 Storm Water Management Program Review: All Permittees must conduct, at a minimum, an annual review of the SWMP document in conjunction with preparation of the annual report required in Part 5.5.

4.4.2 Storm Water Management Program Update: A Permittee may change the SWMP document during the life of the Permit in accordance with the following procedures:

4.4.2.1 Changes adding components, controls, or requirements to the SWMP document may be made at any time upon written notification to the Director. Changes that reduce or replace any component, control, or requirement of the SWMP document is not authorized, unless it meets requirements outlined in Part 4.4.2.2.

4.4.2.2 Changes replacing an ineffective or unfeasible BMP specifically identified in the SWMP document with an alternate BMP may be adopted at any time, provided the analysis is clearly outlined and subsequently approved by the Director.

The analysis shall include:

- 4.4.2.2.1 – An explanation of why the BMP is ineffective or infeasible
- 4.4.2.2.2 – Expectations or report on the effectiveness of the replacement BMP
- 4.4.2.2.1 – An analysis of why the replacement BMP is expected to achieve the goals of the BMP to be replaced, or has achieved those goals.

4.4.3 Change requests or notifications must be made in writing and signed in accordance with Part 6.8.

4.4.4 Change requests or notifications will receive confirmation and approval or denial in writing from the Director.

4.4.5 Storm Water Management Program Updates required by the Director: The Director may require changes to the SWMP as needed to:

4.4.5.1 Address impacts on receiving water quality caused, or contributed to, by discharges from the MS4;

4.4.5.2 Include more stringent requirements necessary to comply with new Federal regulatory requirements; or

4.4.5.3 Include such other conditions deemed necessary by the Director to comply with the goals and requirements of the Clean Water Act.

5 Narrative Standard, Monitoring, and Recordkeeping

5.1 Narrative Standard

It shall be unlawful and a violation of this Permit, for the Permittee to discharge or place any waste or other substance in such a way as will be or may become offensive such as unnatural deposits, floating debris, oil, scum or other nuisances such as color, odor or taste, or conditions which produce undesirable aquatic life or which produces objectionable tastes in edible aquatic organisms; or concentrations or combinations of substances which produce undesirable physiological responses in desirable resident fish, or other desirable aquatic life, or undesirable human health effects, as determined by bioassay or other tests performed in accordance with standard procedures.

5.2 Analytical Monitoring

Permittees are not required to conduct analytical monitoring (see definition in Part 7.0) during the effective term of this Permit, with the following exceptions:

5.2.1 Water quality sampling may be required for compliance with TMDLs, pursuant to Part 3.1. of this Permit.

5.2.2 Sampling or testing may be required for characterizing illicit discharges pursuant to Parts 4.2.3.4., 4.2.3.5., and 4.2.3.5.1 of this Permit.

5.2.3 In the event that the Permittee elects to conduct analytical monitoring as part of its Storm Water Management Program, the Permittee is required to comply with Part 6.18. of this Permit**.**

5.3 Non-analytical Monitoring

5.3.1 Non-analytical monitoring (see definitions in Part 7.0) such as visual dry weather screening is required to comply with Part 4.2.3.3.2 of this Permit.

5.4 Record Keeping

5.4.1 Permittees must keep all supplementary documents associated with this Permit (e.g., Storm Water Management Program (SWMP) document, SWMP Implementation Schedule) current and up to date to ensure the purpose and objectives of the required document are achieved.

5.4.2 All modifications to supplementary documents must be submitted to the Director in accordance with Parts 4.4 and 6.8.

5.4.3 The Director may at any time make a written determination that parts or all of the supplementary documents are not in compliance with this Permit. If such a determination is made the Permittee must make modifications to these parts within a time frame specified by the Director.

5.4.4 The Permittee shall retain all required plans, records of all programs, records of all monitoring information, copies of all reports required by this Permit, and records of all other data required by or used to demonstrate compliance with this Permit, for at least five years. This period may be explicitly modified by alternative provisions of this Permit or extended by request of the Director at any time.

5.4.5 The Permittee must make records, including the Notice of Intent (NOI) and the SWMP document, available to the public if requested.

5.5 Reporting

5.5.1 The Permittee must submit an annual report to the Director by October 1 for the reporting period of July 1 to June 30 of each year of the Permit term.

5.5.2 The report must be submitted using the report form provided on the Division's website at https://deq.utah.gov/legacy/permits/water-quality/utah-pollutant-discharge-elimination-system/docs/2009/07Jul/MS4_UT_09_annual_report_form.pdf

5.5.3 The Permittee shall sign and certify the annual report in accordance with Part 6.8.

5.5.4 Signed copies of the Annual Report and all other reports required herein, must be submitted directly to the DWQ electronic document system at: https://deq.utah.gov/water-quality/water-quality-electronic-submissions

6 Standard Permit Conditions

6.1 Duty to Comply

The Permittee must comply with all conditions of this Permit. Any Permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for Permit termination; revocation and reissuance; modification; or for denial of Permit coverage. The Permittee shall give advance notice to the Director of any planned changes in the Permitted facility or activity, which may result in noncompliance with Permit requirements.

6.2 Penalties for Violations of Permit Conditions

The Act provides that any person who violates a Permit condition implementing provisions of the Act is subject to a civil penalty not to exceed $10,000 per day of such violation. Any person who willfully or negligently violates Permit conditions or the Act is subject to a fine not exceeding $25,000 per day of violation. Any person convicted under UCA 19-5-115(2) a second time shall be punished by a fine not exceeding $50,000 per day.

6.3 Duty to Reapply

If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, the Permittee shall apply for and obtain a new Permit. The application shall be submitted at least 180 days before the expiration date of this Permit. Continuation of expiring Permits shall be governed by regulations promulgated at UAC R317-8-5 and any subsequent amendments

6.4 Need to Halt or Reduce Activity not a Defense

It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce otherwise permitted activities in order to maintain compliance with the conditions of this Permit.

6.5 Duty to Mitigate

The Permittee must take all reasonable steps to minimize or prevent any discharge in violation of this Permit, which has a reasonable likelihood of adversely affecting human health or the environment.

6.6 Duty to Provide Information

The Permittee shall furnish to the Director, within a time specified by the Director, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Permit, or to determine compliance with this Permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept by this Permit.

6.7 Other information

When the Permittee becomes aware that it failed to submit any relevant facts in a Permit application, or submitted incorrect information in a Permit application or any report to the Director, it shall promptly submit such facts or information.

6.8 Signatory Requirements

All notices of intent, storm water management programs, storm water pollution prevention plans, reports, certifications or information either submitted to the Director or that this Permit requires to be maintained by the Permittee, shall be signed, dated and certified as follows:

6.8.1

All Permit applications shall be signed by either a principal executive officer or ranking elected official.

6.8.2

All reports required by the Permit and other information requested by the Director shall be signed by a person

described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

6.8.2.1

The authorization is made in writing by a person described above and submitted to the Director, and,

6.8.2.2

The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters. A duly authorized representative may thus be either a named individual or any individual occupying a named position.

6.8.2.3

Changes to authorization. If an authorization under Part 6.8.2. is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Part 6.8.2. must be submitted to the Director prior to or together with any reports, information, or applications to be signed by an authorized representative.

6.8.3

Certification. Any person signing documents under this Part shall make the following 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 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."

6.9 Availability of Reports

Except for data determined to be confidential under the Government Records Access and Management Act (see particularly Utah Admin. Code § 63-2-309) and Utah Admin Code § 19-1-3-6,all reports prepared in accordance with the terms of this Permit shall be available for public inspection at the office of the Director. As required by the Act, Permit applications, Permits and effluent data shall not be considered confidential.

6.10 Penalties for Falsification of Reports

The Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this Permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction be punished by a fine of not more than $10,000.00 per violation, or by imprisonment for not more than six months per violation, or by both. Utah Admin Code § 19-5-115(4)

6.11 Penalties for Tampering

The Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this Permit shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than six months per violation, or by both.

6.12 Property Rights

The issuance of this Permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

6.13 Severability

The provisions of this Permit are severable, and if any provision of this Permit, or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit shall not be affected thereby.

6.14 Requiring a Different Permit

The Director may require the Permittee authorized by this Permit to obtain an individual UPDES Permit. Any interested person may petition the Director to take action under this paragraph. The Director may require the Permittee authorized to discharge under this Permit to apply for an individual UPDES Permit only if the Permittee has been notified in writing that a Permit application is required. This notice shall include a brief statement of the reasons for this decision, an application form (as necessary), a statement setting a deadline for the Permittee to file the application, and a statement that on the effective date of the municipal UPDES Permit, coverage under this Permit shall automatically terminate. Permit applications shall be submitted to the address of the Division shown in Part 5.5. of this Permit. The Director may grant additional time to submit the application upon request of the applicant. If the municipality fails to submit in a timely manner a municipal UPDES Permit application as required by the Director, then the applicability of this Permit to the Permittee is automatically terminated at the end of the day specified for application submittal.

6.15 State/Federal Laws

Nothing in this Permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by UCA 19-5-117 and Section 510 of the Clean Water Act or any applicable Federal or State transportation regulations.

6.16 Proper Operation and Maintenance

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit and with the requirements of the SWMP. Proper operation and maintenance also include adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance requires the operation of backup or auxiliary facilities or similar systems, installed by the Permittee only when necessary to achieve compliance with the conditions of the Permit.

6.17 Monitoring Records

6.17.1

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

6.17.2

The Permittee shall retain records of all monitoring information including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of the reports required by this Permit, and records of all data used to complete the application for this Permit, for a period of at least five years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

6.17.3

Records of monitoring information shall include:

6.17.3.1

The date, exact place, and time of sampling or measurements;

6.17.3.2

The name(s) of the individual(s) who performed the sampling or measurements;

6.17.3.3

The date(s) and time(s) analyses were performed;

6.17.3.4

The name(s) of the individual(s) who performed the analyses;

6.17.3.5

The analytical techniques or methods used;

6.17.3.6

The results of such analyses.

6.18 Monitoring Procedures

Monitoring must be conducted according to test procedures approved under Utah Admin. Code ("UAC") R317-2-10, unless other test procedures have been specified in this Permit.

6.19 Inspection and Entry

The Permittee shall allow the Director or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

6.19.1 Enter upon the Permittee's premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this Permit;

6.19.2 Have access to and copy at reasonable times, any records that must be kept under the conditions of this Permit;

6.19.3 Inspect at reasonable times any facilities or equipment (including monitoring and control equipment); and

6.19.4 Sample or monitor at reasonable times, for the purposes of assuring Permit compliance

6.19.5 or as otherwise authorized by law, any substances or parameters at any location.

6.20 Permit Actions

This Permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Permit modification, revocation and re-issuance, termination, or a notification of planned changes or anticipated noncompliance does not suspend any Permit condition.

6.21 Storm Water-Reopener Provision

At any time during the duration (life) of this Permit, this Permit may be reopened and modified (following proper administrative procedures) as per UAC R317.8, to include, any applicable storm water provisions and requirements, a storm water pollution prevention plan, a compliance schedule, a compliance date, monitoring and/or reporting requirements, or any other conditions related to the control of storm water discharges to "waters of state".

Appendix 1

Part VI: Contract Certification for Co-Permittee SWMP Implementation
(ATTACH ADDITIONAL SHEETS AS NEEDED)

List entity names responsible for implementation of the SWMP

1. Utah County Public Works.
2. Accena Group.
3. Payson City Public Works Department.
4. _____
5. _____
6. _____

The above entities have entered into an agreement or contract to satisfy the implementation requirements of the Storm Water Management Program listed in the NOI. As stated in the existing agreements (MOU's) or contracts, the entities have agreed to the following responsibilities.

Check the entity numbers (entity numbers correspond to entity name numbers listed above) corresponding with responsibilities, or portions thereof, of each entity entering into this agreement in the table below:

RESPONSIBILITY	ENTITY					
a. Public Education and Outreach	1. ✔	2. ☐	3. ✔	4. ☐	5. ☐	6. ☐
b. Public Involvement and Participation	1. ✔	2. ✔	3. ✔	4. ☐	5. ☐	6. ☐
c. Illicit Discharge Detection and Elimination	1. ☐	2. ☐	3. ✔	4. ☐	5. ☐	6. ☐
d. Construction Site Run-off Control	1. ☐	2. ☐	3. ✔	4. ☐	5. ☐	6. ☐
e. Post-Construction Storm Water Management in New Development and Redevelopment	1. ☐	2. ☐	3. ✔	4. ☐	5. ☐	6. ☐
f. Pollution Prevention/Good Housekeeping for Municipal Operations	1. ☐	2. ✔	3. ✔	4. ☐	5. ☐	6. ☐

If any entity is agreeing to accomplish only a portion of a responsibility in the table then explain the responsibility portion (e.g. entity 1 is responsible for storm drain stenciling program in the MS4 area, entity 2 is responsible for conducting phone surveys for item (a) in the table etc.) on a separate sheet.

The following statement and the accompanying signatures serve as certification that the agreements (MOU's) or contracts have been developed and agreed upon for the implementation of the Operator's (Identified in Part I of the NOI) SWMP.

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, I certify that 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.

Entity	Authorized Signature	Date	Entity	Authorized Signature	Date
1.	[signature]	10/4/2024	2.		
3.			4.		
5.			6.		

Part IV. Initial Identification of Measurable Goals (Attach additional sheets as needed)

1. Public Education and Outreach on Storm Water Impacts

Measurable goals (with start and end dates):

USWAC and UCSC meetings (2014 - indefinite)
Business outreach via monthly bill (2015 - indefinite)
Developer: via site plan pre application (2015 - ind)
Contractors: via pre-construction meeting (2016 - Ind)
City staff: mandatory monthly meeting (2017 - Ind.)

Milestones:
- Year 1: USWAC and UCSC meeting
- Year 2: SWPPP checklist for engineers.
- Year 3: Dev. outreach via site plan.
- Year 4: Pre construction meeting for cont.
- Year 5: Online city staff public education.

2. Public Involvement/Participation

Measurable goals (with start and end dates):

Attend USWAC and UCSC meetings (2015 - Ind.)
Attend UTSC monthly meetings (April 2014 - ind.)
Pollution prevention for elementary school students
coordination with UCSC (2016 - Indefinite)
Publish MS4 Annual Report (2017 - Indefinite)
Online comments added to city website (2017 - Ind.)

Milestones:
- Year 1: Attend UCSC and USWAC meeting
- Year 2: Elementary school education.
- Year 3: Publish MS4 Annual Report online.
- Year 4: Online public comments.
- Year 5: Update MS4 website information.

3. Illicit Discharge Detection and Elimination

Measurable goals (with start and end dates):

Outfall inventory research (2014 - Indefinite)
Adopt IDDE ordinance (2014 - 2016)
IDDE SOPs coordination (2014 - 2016)
Outfall inspection data tracking system (2015 - Ind.)
Outfall inspection mapping (2015 - Ind.)

Milestones:
- Year 1: Research outfalls locations.
- Year 2: Adopt IDDE ordinance.
- Year 3: Adopt IDDE inspection forms/ SOP
- Year 4: Outfall data tracking and mapping
- Year 5: Inspections of illicit connections

4. Construction Site Storm Water Runoff Control

Measurable goals (with start and end dates):

Construction Activity ordinance (2014 - Present).
Prepare SOPs Manual (2014 to June 2015)
Prepare Const. Activity Insp. Form (2015 - Indefinite)
Prepare SWPPP plan review forms (June 2015 - Ind)
Const sites using a data tracking system (2015 - Ind)
Map const. sites using a GIS mapping (2015 - Ind.)

Milestones:
- Year 1: Erosion and sedimentation ord.
- Year 2: SWPPP SOPs adopted
- Year 3: Land Disturbance Permit adopted
- Year 4: Data tracking and GIS map created
- Year 5: 90th Percentile retention i = 0.60"

5. Post-Construction Storm Water Management in New Development and Redevelopment

Measurable goals (with start and end dates):

Post Construction ordinance (2016 - 2017)
Post Construction SOPs (2015 - 2016)
Post Construction inspections (2016 - Indefinite)
Stormwater Maintenance Agreement (2019 - Ind.)

Milestones:
- Year 1: Post Construction ordinance.
- Year 2: Prepare Post Const. SOPs.
- Year 3: Schedule post const. inspections.
- Year 4: Create post const. plan review list.
- Year 5: Stormwater maint. agreement.

6. Pollution Prevention/Good Housekeeping for Municipal Operations

Measurable goals (with start and end dates):

SWPPP for city owned facilities (2014 - indefinite)
Adopt SOPs for facilities inspections (2015 - ind.)
City owned facilities inspections (2015 - ind.)
Annual mandatory training for city staff (2017 - ind.)

Milestones:
- Year 1: SWPPP for city owned facilities.
- Year 2: Adopt SOPs for facilities inspection.
- Year 3: City owned facilities inspections.
- Year 4: Street sweeping data collection.
- Year 5: Annual online training for city staff.

Part V. 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, I certify that 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.

Print Name: William Wright

Signature: William R Wright Date: 4/25/22

Part III. Initial Identification of Best Management Practices (ATTACH ADDITIONAL SHEETS AS NEEDED)

1. Public Education and Outreach on Storm Water Impacts

Outreach Techniques

- [x] Classroom education/school programs
- [x] Outreach to commercial entities
- [x] Printed material
- [ ] Media campaign
- [x] Classroom educational materials
- [x] Events and Programs
- [x] Displays
- [ ] Speakers to community groups
- [ ] Economic incentives
- [ ] Promotional giveaways
- [ ] Others

Management Practices to Encourage

- [x] Proper lawn and garden care (fertilizer and pesticide use, sweeping, etc.)
- [x] Low impact development
- [x] Pet waste management
- [x] Pollution prevention for businesses
- [x] Proper disposal of household hazardous wastes
- [x] Water Conservation Practices
- [x] Others
  Hazardous waste disposal.

2. Public Involvement/Participation

Involvement Techniques

- [x] Advisory/partner committees
- [x] Local storm water contact
- [x] Public access to documents and information
- [x] Public review of plans and annual reports
- [x] Watershed organizations
- [x] Attitude surveys
- [x] Community hot lines
- [x] Stakeholder meetings
- [x] Others
  Attend and participate the monthly USWAC meetings.

Participation Activities

- [ ] Adopt-a-stream
- [ ] Storm drain stenciling
- [ ] Stream/roadway cleanup
- [ ] Volunteer monitoring
- [x] Wetland plantings
- [x] Others
  Protection of wetlands.

3. Illicit Discharge Detection and Elimination

Detection and Elimination Activities

- [x] System mapping
- [x] Regulatory Control Program
- [x] Identifying and Eliminating illicit connection procedures
- [x] Dye testing/Tracing Procedures
- [x] System inspections
- [x] Dry Weather Screening Program/ Field Testing
- [ ] Others

Type of Discharges to Target

- [ ] Failing septic systems
- [x] Illegal dumping
- [x] Industrial/business connections
- [ ] Recreational sewage
- [x] Sanitary sewer overflows
- [x] Wastewater connections to the storm drain system
- [x] Others
  Bacteria, concrete waste, hydrocarbons, and pesticides.

4. Construction Site Storm Water Runoff Control

Program Activities

- [x] Regulatory Control Program
- [x] Erosion and Sediment Control BMP's
- [ ] Other Waste Control Program
- [x] Site Plan Review Procedures
- [x] Public Information handling Procedures
- [x] Site Inspection/Enforcement Procedures
- [ ] Other Construction Site Runoff Controls
- [x] Contractor certification and inspector training
- [x] Others
  SWPPP Board BMP

Best Management Practices

- [x] Construction Entrance/Exit Stabilization
- [x] Perimeter Controls
- [x] Sediment Retention Structure Requirements
- [x] Sediment filters and sediment chambers
- [ ] Mulching Requirements
- [x] Temporary/Permanent Stabilization Requirements
- [x] Vehicle maintenance and washing areas
- [x] Cement Truck Washout Area
- [ ] OtherBMP's

5. Post-Construction Storm Water Management in New Development and Redevelopment

- [x] Community Control Strategy
- [x] Regulatory Control Program
- [x] Long Term O& M Procedures
- [x] Pre-Construction Review of BMP Designs
- [x] Site Inspections During Construction
- [x] Post Construction Inspections
- [x] Others
  Adoption of a Stormwater Maintenance Agreement

- [ ] Infiltration trench/basin
- [x] Infrastructure planning
- [x] storm water inlet specifications
- [x] Narrower residential streets
- [ ] Open space design
- [x] Ordinances for post construction runoff
- [x] Storm water wetland
- [ ] Zoning
- [ ] Others:

6. Pollution Prevention/Good Housekeeping for Municipal Operations

- [x] Employee Training Program
- [x] Inspection and Maintenance Program
- [x] Municipal Operations Storm Water Control
- [x] Others
  Online city staff mandatory annual training

- [x] Municipal Operations Waste Disposal
- [x] Flood Management/Assessment Guidelines
- [x] Others:
  Street sweeping monitoring program

STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER QUALITY
195 North 1950 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870 (801)536-4300

Notice of Intent (NOI) for Coverage Under the UPDES General Permit for Discharges from Small Municipal Separate Storm Sewer Systems (MS4's), Permit No. UTR090000.

WATER QUALITY

INSTRUCTIONS ON BACK PAGE

DWQ USE ONLY

Coverage No. _____

Submission of this Notice of Intent constitutes notice that the party identified in Section I of this form intends to be authorized by a UPDES permit issued for storm water discharges from Small Municipal Separate Storm Sewers in the State of Utah. Becoming a permittee obligates such discharger to comply with the terms and conditions of the permit. ALL NECESSARY INFORMATION MUST BE PROVIDED ON THIS FORM.

Part I. General Information

Governmental Entity Name: Payson City Corporation

Mailing Address: Street 439 West Utah Avenue

City Payson State UT Zip Code 84651-

Operator Type (Mark One): ☒ City ☐ County ☐ Hospital ☐ Prison ☐ Military Base ☐ College/University ☐ UDOT ☐ Sewer District ☐ Flood Control District ☐ Drainage District ☐ Association

Other (list) _____

Operator Status (Mark One): ☐ Federal ☐ State ☒ Local ☐ Other Public Entity (list) _____

Operator Contact Person: Name Kent Fowden

Latitude/Longitude at Center of land for which you are requesting authorization to discharge:

Title Street and Storm Drain Superintendent Telephone Number (801) 465 5330

Latitude 40.043149 Longitude -111.738535

Population served by your MS4: 22,180 People

Storm Water Management Program Responsible Person:

Name Travis Jockumsen, P.E. Title Public Works Director

Telephone Number (801) 465 5235

Part II: Outfalls and Receiving Waters

Receiving Waters: List all separate storm water outfall receiving waters (all discharges to waters under the definition of waters of the State). If all receiving waters are not known at the time of the NOI submittal, list known outfalls and update the list on annual reports. (ATTACH ADDITIONAL SHEETS AS NEEDED)

	Outfall	Receiving Water
1.	Spring Creek	Utah Lake
2.	Beer Creek	Spring Creek
3.	Peteetneet Creek	Beer Creek
4.		
5.		
6.		

Appendix 2

Utah County Storm Water Coalition Meeting Agenda
In Person at
Utah County Public Works Offices
2855 South State, Provo
Thursday, January 13th, 2022
At 10:00 AM

1. Welcome and Roll

2. Announcements

3. Charles Beasley of ComplianceGO, on the costs and use of ComplianceGO for the Coalition to provide for contractors to do their site inspections and submit to Coalitions members.

4. Instructor Stormwater Update

   A. Instructions for viewing scheduling calendar for presentations
      Go to www.google.com
      Click on apps on the top right
      Click on calendar
      Log in information: Username is utahstormwater@gmail.com
      Password is Stormwater21
   B. Has presented to 36 schools this year with 3238 Students and 119 Staff
   C. Currently 116 schools participating in the program.

5. Discussion regarding annual Storm Water Training for February 1st , 2021.

6. USWAC Report

7. Discussion –

8. Next Meeting: March 10th, 2022

UTAH COUNTY STORM WATER COALITION

Grouped first by city/organization and then alphabetical by first name

Date January 13th, 2022

X	Name	Representing	Phone #	email
✓	Charles Beesley	~~AccenaGroup~~ Compliance60	801-701-6188 x108	charles@accenagroup.com
	Don Reynolds	AccenaGroup	801-701-6188	don@accenagroup.com
	Mitch Hilburn	AccenaGroup	801-674-7754	mitch@accenagroup.com
	Ryan Dickson	~~AccenaGroup~~ Compliance60	801-701-6188	ryan@accenagroup.com
	Tim Thurman	AccenaGroup	801-403-0707	tim@stormwatergo.com
	Jen Klemetson	AccenaGroup	801-615-2930	jen@accennagroup.com
	Preston Vawdrey	AccenaGroup	801-701-6188 x112	preston@accenagroup.com
	Jason Struchen	Alpine	801-300-1774	jason@alpincity.org
	Jed Muhlestein	Alpine	801-473-0076	jed@alpinecity.org
	Ben Hunter	American Fork	801-854-5930	bhunter@americanfork.gov
	Harlen Nielson	American Fork	801-404-6361	hnielson@americanfork.gov
X	Dave Griffin	Cedar Hills	800-865-2318	dgriffin@cedarhills.org
	Jeff Maag	Cedar Hills	801-785-9668	jmaag@cedarhills.org
X	Tanner Henricksen	Cedar Hills	385-439-8379	thenricksen@cedarhills.org
	Tyler Aston	Cedar Hills	801-420-0659	taston@cedarhills.org
	Jay Meacham	Civil Science	801-768-7200	jmeacham@civilscience.com
	Brian Haskell	Eagle Mountain		bhaskell@emcity.org
	Chris Trusty	Eagle Mountain	801-420-2288	ctrusty@emcity.org
X	Dwight Payne	Eagle Mountain	801-995-8173	dpayne@emcity.org
	Larry Diamond	Eagle Mountain	801-404-6630	Ldiamond@emcity.org
	Mary Bahr	Eagle Mountain	801-471-7639	mbahr@emcity.org
	Robert Ballif	Eagle Mountain	801-420-2356	rballif@emcity.org
	Ryan Busch	Eagle Mountain	801-358-6169	rbusch@emcity.org
	Zac Hilton	Eagle Mountain	801-420-2211	zach@emcity.org
	Kyle Anderson	Eco-Pan	385-224-2718	kyle@eco-pan.com
	David Jean	Elk Ridge	801-423-2300	david@elkridgecity.org
	Brad Cherrington	Erosion Control	801-554-9632	office@erosioncontrolservices.net
	Andy Spencer	Highland	801-722-4508	aspencer@highlandcity.org

	Mike Burns	Highland	801-772-4512	MBurns@highlandcity.org
	Curtis Chatwin	Lehi	836-1046	cchatwin@lehi-ut.gov
	Daniel Hadlock	Lehi	836-3523	dhadlock@lehi-ut.gov
	Dave Norman	Lehi	385-201-1700	dnorman@lehi-ut.gov
	Gary Thomas	Lehi	385-201-1700	gthomas@lehi-ut.gov
	Greg Soper	Lehi	836-1046	gsoper@lehi-ut.gov
	Ross Dinsdale	Lehi	385-201-1700	rdinsdale@lehi-ut.gov
	Matt Meier	Lehi	385-234-0270	mmeier@lehi-ut.gov
	Kyle Jensen	Lindon	385-223-6104	kjensen@lindoncity.org
	Matt Neer	Lindon	801-796-7954	mneer@lindoncity.org
X	Paul Miller	Lindon	801-735-1782	pmiller@lindoncity.org
	JD Shepherd	Mapleton	801-404-2551	jshepherd@mapleton.org
	Danny Spray	Orem	801-225-7573	dlspray@orem.org
	Matt Petersen	Orem	801-229-7574	mpetersen@orem.org
	Rick Sabey	Orem	801-229-7500	rcsabey@orem.org
	Steve Johnson	Orem	801-229-7556	srjohnson@orem.org
X	Jesse Smith	Payson	801-420-6729	jesses@payson.org
	Travis Jockumsen	Payson	465-5235	travisj@payson.org
	Aaron Spencer	Pleasant Grove	785-2941	aspencer@pgcity.org
	Cody Howlett	Pleasant Grove	995-1436	cody@ecopan.com
	Jacob Pettersson	Pleasant Grove	907-0645	jpettersson@pgcity.org
	Mark Atwood	Pleasant Grove	785-2941	matwood@pgcity.org
	Daniel Nixon	Provo	473-0389	dnixson@provo.gov
	Jared Penrod	Provo	852-6783	jpenrod@provo.gov
	Scot Allen	Provo	852-6721	sallen@provo.gov
	D Brown	Saratoga Springs	691-8488	dbrown@saratogaspringscity.com
	Kevin Sonico	Saratoga Springs	801-691-8488	ksonico@saratogaspringscity.com
	Dale Carter	Salem	801-637-2086	dalec@salemcity.org
X	Brandon Johnson	Spanish Fork	801-361-2086	Golfman250k@yahoo.com
	Ed Roberts	Spanish Fork	801-804-4456	eroberts@spanishfork.org
remove	~~Gentry Mitchell~~	~~Spanish Fork~~	~~801-472-0038~~	~~gmitchell@spanishfork.org~~
	James Darling	Spanish Fork	804-4570	jdarling@spanishfork.org

	Karl Petty	Spanish Fork	801-472-6986	
	Brent Dunkley	Springville	801-885-4016	bdunkley@springville.org
	David Duvall	Storm Water Utah	385-448-7724	david@stormutah.com
	Ryan Taylor	T-O Engineers	435-315-3168	rtaylor@to-engineers.com
	Jordan Pogorzelski	UDOT	385-285-2200	jpogorzelski@utah.gov
	Logan Gurr	Utah County	801-851-8620	Logang@utahcounty.gov
✓	Scott Bird	Utah County	801-851-8623	scottbi@utahcounty.gov
	Travis Taylor	Utah County	801-851-8621	travist@utahcounty.gov
✓	Justine Marshall	Vineyard	385-625-7071	justineem@vineyardutah.org
	Corbett Stephens	Woodland Hills	801-857-0788	works@woodlandhill-ut.gov

Utah County Storm Water Coalition Amended Meeting Agenda
In Person at
Utah County Public Works Offices
2855 South State, Provo
Thursday, March 10th, 2022
At 10:00 AM

1. Welcome and Roll

2. Announcements

3. Presentation on DWQ Storm Water Monitoring Test Sites in Utah County by Carl Adams, DWQ Industrial Storm Water Coordinator.

4. Discussion on new Storm Water Display

5. Discussion on new Storm Water Instructor

6. Follow up Discussion on use of ComplianceGO

7. Instructor Stormwater Update

   A. Instructions for viewing scheduling calendar for presentations
      Go to www.google.com
      Click on apps on the top right
      Click on calendar
      Log in information: Username is utahstormwater@gmail.com
      Password is Stormwater21
   B. Has presented to 36 schools this year with 7238 Students and 267 Staff
   C. Currently 116 schools participating in the program.

8. USWAC Report

9. Discussion –

10. Next Meeting: May 12th, 2022

UTAH COUNTY STORM WATER COALITION

Grouped first by city/organization and then alphabetical by first name

Date March 10th, 2022

X	Name	Representing	Phone #	email
	Charles Beesley	AccenaGroup	801-701-6188 x108	charles@accenagroup.com
	Don Reynolds	AccenaGroup	801-701-6188	don@accenagroup.com
	Mitch Hilburn	AccenaGroup	801-674-7754	mitch@accenagroup.com
	Ryan Dickson	AccenaGroup	801-701-6188	ryan@accenagroup.com
	Tim Thurman	AccenaGroup	801-403-0707	tim@stormwatergo.com
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	Jed Muhlestein	Alpine	801-473-0076	jed@alpinecity.org
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	Brian Haskell	Eagle Mountain		bhaskell@emcity.org
	Chris Trusty	Eagle Mountain	801-420-2288	ctrusty@emcity.org
X	Dwight Payne	Eagle Mountain	801-995-8173	dpayne@emcity.org
	Larry Diamond	Eagle Mountain	801-404-6630	Ldiamond@emcity.org
	Mary Bahr	Eagle Mountain	801-471-7639	mbahr@emcity.org
	Robert Ballif	Eagle Mountain	801-420-2356	rballif@emcity.org
	Ryan Busch	Eagle Mountain	801-358-6169	rbusch@emcity.org
	Zac Hilton	Eagle Mountain	801-420-2211	zach@emcity.org
	Kyle Anderson	Eco-Pan	385-224-2718	kyle@eco-pan.com
	David Jean	Elk Ridge	801-423-2300	david@elkridgecity.org
	Brad Cherrington	Erosion Control	801-554-9632	office@erosioncontrolservices.net
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	Brent Dunkley	Springville	801-885-4016	bdunkley@springville.org
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	Logan Gurr	Utah County	801-851-8620	Logang@utahcounty.gov
✓	Scott Bird	Utah County	801-851-8623	scottbi@utahcounty.gov
	Travis Taylor	Utah County	801-851-8621	travist@utahcounty.gov
✓	Justine Marshall	Vineyard	385-625-7071	justineem@vineyardutah.org
	Corbett Stephens	Woodland Hills	801-857-0788	works@woodlandhill-ut.gov

Utah County Storm Water Coalition Meeting Agenda
In Person at
Utah County Public Works Offices
2855 South State, Provo
Thursday, May 12th, 2022
At 10:00 AM

1. Welcome and Roll

2. Announcements

3. Presentation by Charles Beasley of ComplianceGO, on the costs and use of StormwaterGo for the Coalition to provide for members to train MS4 staff and contractors to meet permit requirements.

4. Instructor Stormwater Update

   A. Instructions for viewing scheduling calendar for presentations
      Go to www.google.com
      Click on apps on the top right
      Click on calendar
      Log in information: Username is utahstormwater@gmail.com
      Password is Stormwater21
   B. Has presented to 95 schools this year with 8,681 Students and 319 Staff
   C. Currently 119 schools participating in the program.

5. USWAC Report

6. Discussion –

7. Next Meeting: TBA

UTAH COUNTY STORM WATER COALITION

Grouped first by city/organization and then alphabetical by first name

Date May 12th, 2022

X	Name	Representing	Phone #	email
✓	Charles Beesley	ComplianceGo	801-701-6188 x108	charles@compliancego.com
	Don Reynolds	AccenaGroup	801-701-6188	don@accenagroup.com
	Mitch Hilburn	AccenaGroup	801-674-7754	mitch@accenagroup.com
✓	Ryan Dickson	ComplianceGo	801-701-6188	ryan@compliancego.com
	Tim Thurman	AccenaGroup	801-403-0707	tim@stormwatergo.com
	Preston Vawdrey	AccenaGroup	801-701-6188 x112	preston@accenagroup.com
✓	Jason Struchen	Alpine	801-300-1774	jason@alpincity.org
	Jed Muhlestein	Alpine	801-473-0076	jed@alpinecity.org
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✓	Harlen Nielson	American Fork	801-404-6361	hnielson@americanfork.gov
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	Tyler Aston	Cedar Hills	801-420-0659	taston@cedarhills.org
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	Zac Hilton	Eagle Mountain	801-420-2211	zach@emcity.org
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	Brad Cherrington	Erosion Control	801-554-9632	office@erosioncontrolservices.net
	Andy Spencer	Highland	801-722-4508	aspencer@highlandcity.org

	Mike Burns	Highland	801-772-4512	MBurns@highlandcity.org
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	Steve Johnson	Orem	801-229-7556	srjohnson@orem.org
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	Ed Roberts	Spanish Fork	801-804-4456	eroberts@spanishfork.org
remove	~~Gentry Mitchell~~	~~Spanish Fork~~	~~801-472-0038~~	~~gmitchell@spanishfork.org~~
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	James Darling	Spanish Fork	801-804-4570	jdarling@spanishfork.org
	Karl Petty	Spanish Fork	801-472-6986	
	Brent Dunkley	Springville	801-885-4016	bdunkley@springville.org
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✓	Scott Bird	Utah County	801-851-8623	scottbi@utahcounty.gov
	Travis Taylor	Utah County	801-851-8621	travist@utahcounty.gov
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	Russell Rymer	mapleton City	801-360-5417	RRymer@mapleton.org
	Jeff Mortimer	American Fork	801-763-3060	jmortimer@americanfork.gov
	JJ Hsu	American Fork	801-763-3060	jhsu@americanfork.gov
	Thomas Grey	Saratoga Spring	801 766 9793 279	TGreyhm@saratogaspringcity.com

Appendix 3

Maintenance Report

01/01/2022 - 04/20/2022

Maintenance Type	Quantity/Length	Description	Cost	Hours	Maintenance Date	inlet, sump, street, ditch
STREET SWEEPING	4	SWEPT BOTH SIDES TO GOOSNEST DRIVE	$50.00	2.0	4/13/2022	
STREET SWEEPING	2	250 gallons water used	$0.00	0.0	4/12/2022	
STREET SWEEPING	4	both sides swept	$50.00	2.0	4/12/2022	
STREET SWEEPING	2	250 GALLONS WATER USED	$0.00	0.0	4/7/2022	
STREET SWEEPING	6	SWEPT FROM 300 N MAIN TO 600 W	$25.00	1.0	4/7/2022	
STREET SWEEPING	2	swept from UT AVE. to 300 N	$25.00	1.0	4/7/2022	
STREET SWEEPING	2	250 gallons water used	$0.00	0.0	4/6/2022	
STREET SWEEPING	0	swept the east side of American way	$50.00	2.0	4/6/2022	
STREET SWEEPING	0	West side of American way	$50.00	2.0	4/5/2022	
STREET SWEEPING	2	250 gallons water used	$0.00	0.0	4/4/2022	
STREET SWEEPING	2	Swept both sides from 930 W to Turf Farm road	$50.00	2.0	4/4/2022	
GRATE CLEANING	1	cleaned all three inlet grates	$10.00	0.3	4/4/2022	
STREET SWEEPING	2	250 gallons water used	$0.00	0.0	3/31/2022	
STREET SWEEPING	0	swept both sides	$25.00	1.0	3/31/2022	

STREET SWEEPING	8	swept both sides	$50.00	2.0	3/31/2022	
VIOLATION/RED TAG	0	Mobil dog grooming truck was running his wash water out onto the ground at 625 E 100 S	$0.00	0.0	3/28/2022	
STREET SWEEPING	2	250 GALLONS WATER USED	$0.00	0.0	3/28/2022	
STREET SWEEPING	0	SWEPT BOTH SIDES TO 700 N ON 600 E	$50.00	2.0	3/28/2022	
VIOLATION/RED TAG	1	JoDell called me and he seen a pile of dirt in the road. I drove down and watched the truck driver dumped the third load out into the curb. I talked with the home owner and she said she will have it gone by tomorrow.	$0.00	0.0	3/25/2022	
STREET SWEEPING	11	SWEPT BOTH SIDES TWICE	$50.00	2.0	3/24/2022	
STREET SWEEPING	0	SWEPT FOR HOLLIDAYS	$0.00	0.0	3/22/2022	
STREET SWEEPING	2	250 GALLONS WATER USED	$0.00	0.0	3/22/2022	
GRATE CLEANING	0	CLEANED GRATE ON THIS SUMP	$0.00	0.0	3/22/2022	

STREET SWEEPING	0	CLEANED BOTH SIDES OF STREET	$25.00	1.0	3/21/2022	
STREET SWEEPING	0	SOUTH SIDE OF STREET FROM 600 E TO 650 E	$25.00	0.3	3/21/2022	
STREET SWEEPING	0	600 E TO 900 E	$25.00	1.0	3/21/2022	
INLET CLEANING	0	CLEANED TWO INLETS	$25.00	0.5	3/21/2022	
INLET CLEANING	1	CLEANED TWO INLET COMBO BOXES	$50.00	0.5	3/21/2022	
INLET CLEANING	1	THREE INLETS CLEANED	$50.00	0.5	3/21/2022	
INLET CLEANING	0	CLEANED ONE DOUBLE INLET	$50.00	0.5	3/21/2022	
INLET CLEANING	0	THREE INLETS CLEANED	$50.00	1.0	3/21/2022	
INLET CLEANING	1	TWO INLETS CLEANED	$25.00	0.3	3/21/2022	
INLET CLEANING	1	TWO INLETS CLEANED	$25.00	0.3	3/21/2022	
INLET CLEANING	0	1000 GAL. WATER USED	$0.00	0.0	3/21/2022	
SUMP CLEANING	0	CLEANED ONE SUMP CLEAR FULL OF DEBRIS	$100.00	2.0	3/18/2022	
SUMP CLEANING	0	CLEANED ONE SUMP	$25.00	0.5	3/18/2022	
SUMP CLEANING	0	CLEANED TWO SUMPS AT THIS LOCATION	$50.00	0.5	3/18/2022	
INLET CLEANING	1	CLEANED TWO INLETS	$25.00	0.3	3/18/2022	

INLET CLEANING	1	CLEANED TWO INLETS ON THIS INTERSECTIO N	$25.00	0.3	3/18/2022	
INLET CLEANING	2	CLEANED TWO INLETS AT THIS LOCATION	$25.00	0.3	3/18/2022	
INLET CLEANING	1	CLEANED TWO INLETS ON THIS INTERSECTIO N	$25.00	0.3	3/18/2022	
INLET CLEANING	2	CLEANED BOTH INLETS ON THIS INTERSECTIO N	$50.00	0.5	3/18/2022	
INLET CLEANING	0	1000 GALLONS WATER USED	$0.00	0.0	3/18/2022	
STREET SWEEPING	0	FROM 7th N TO 750 E BOTH SIDES	$50.00	2.0	3/17/2022	
INLET CLEANING	1	CLEANED FOUR INLETS ON THIS INTERSECTIO N	$50.00	0.5	3/17/2022	
INLET CLEANING	0	CLEANED TWO INLETS ON THIS INTERSECTIO N	$0.00	0.5	3/17/2022	
INLET CLEANING	0	CLEANED THREE INLETS	$50.00	1.0	3/17/2022	

DITCH CLEANING	0	CLEANED THE DITCH FOR 50 FEET ON THE NORTH EAST CORNER.	$50.00	0.5	3/17/2022	
INLET CLEANING	2	CLEANED 2 INLETS ON THIS INTERSECTIO N	$0.00	0.5	3/17/2022	
CURB CLEANING	0	CLEANED NORTH SIDE OF STREET	$50.00	1.0	3/17/2022	
DITCH CLEANING	0	CLEANED THE WEST SIDE OF THIS STREET	$50.00	1.0	3/17/2022	
INLET CLEANING	0	1000 GALLONS WATER USED	$0.00	0.0	3/17/2022	
INLET CLEANING	0	1500 GALLONS WATER USED	$0.00	0.0	3/16/2022	
INLET CLEANING	0	1500 GALLONS WATER USED	$0.00	0.0	3/16/2022	
DITCH CLEANING	0	CLEANED THE EAST SIDE STREET FULL LENGTH	$50.00	1.0	3/16/2022	
INLET CLEANING	0	CLEANED TWO INLETS ON THIS INTERSECTIO N EAST SIDE STREET	$0.00	0.5	3/16/2022	

INLET CLEANING	0	CLEANED TWO INLON THE EAST SIDE OF THE STREET	$0.00	0.5	3/16/2022	
INLET CLEANING	0	CLEANED THE INLET ON THE SOUTH WEST CORNER	$25.00	0.3	3/16/2022	
INLET CLEANING	1	cleaned curb and inlet pipe was good	$10.00	0.3	3/16/2022	
GRATE CLEANING	1	Cleaned the grate on the south east corner.	$10.00	0.3	3/15/2022	
STREET SWEEPING	0	SWEPT BOTH SIDE OF STREET	$15.00	0.5	3/9/2022	
STREET SWEEPING	2	250 GALLONS WATER USED	$0.00	0.0	3/9/2022	
STREET SWEEPING	6	SWEPT BOTH SIDES	$25.00	1.0	3/9/2022	
CURB CLEANING	0	CLEANED THE CURB ADA ON THE NORTH EAST CORNER	$25.00	1.0	3/7/2022	
GRATE CLEANING	2	CLEANED THE GRATE ON THE SOUTH EAST CORNER	$10.00	0.3	3/7/2022	
GRATE CLEANING	0	cleaned the grate south side of road	$10.00	0.3	3/7/2022	
STREET SWEEPING	0	SWEPT MAIN STREET INFRONT OF CITY SHOPS	$0.00	0.0	3/3/2022	
STREET SWEEPING	0	SWEPT BOTH SIDES STREET	$0.00	0.0	3/3/2022	

STREET SWEEPING	2	500 gallons water used	$0.00	0.0	3/3/2022	
STREET SWEEPING	2	250 gallons water used	$0.00	0.0	3/2/2022	
STREET SWEEPING	0	swept parking lots	$25.00	1.0	3/2/2022	
STREET SWEEPING	0	Swept 800 S TO 1700 East side	$50.00	2.0	3/2/2022	
VIOLATION/RED TAG	0	Talked with home owner and his daughter and let them know that this was hit by a snow plow and it was not only a storm water problem but now a traffic issue and needs to be cleaned up by Monday the 28th of February	$0.00	0.0	2/25/2022	
VIOLATION/RED TAG	0	Dirt pile from basement construction in road. They cleaned this up at the end of the day.	$0.00	0.0	2/17/2022	
SUMP CLEANING	0	THIS SUMP WAS GOOD SO WE DID NOTHING TODAY.	$0.00	0.3	2/17/2022	
INLET CLEANING	0	CLEANED THE LAST INLET IN THIS CUL-DE-SAC	$25.00	0.3	2/17/2022	

INLET CLEANING	0	TWO INLETS CLEANED AT THIS LOCATION	$25.00	0.3	2/17/2022	
INLET CLEANING	0	CLEANED THE INLET AT THE END OF THIS CUL-DE-SAC	$25.00	0.3	2/17/2022	
INLET CLEANING	0	WE CLEANED FOUR INLET BOXES AT THIS ADDRESS THAT HAD NEVER BEEN CLEANED. JUST BUBBLE UPS	$100.00	1.0	2/17/2022	
INLET CLEANING	1	CLEANED THE SOUTH WEST CORNER BOX AND THE LINE FROM THE EAST SIDE	$50.00	1.0	2/17/2022	
INLET CLEANING	1	CLEANED THE INLET ON THE SOUTH WEST SIDE CORNER	$25.00	0.3	2/17/2022	
SUMP CLEANING	1	CLEANED THE SUMP AT THE FRONT ENTRANCE TO THIS CUL DE SAC	$25.00	0.5	2/17/2022	
INLET CLEANING	3	CLEANED THE NORTH WEST CORNER INLET	$25.00	0.5	2/17/2022	
STREET SWEEPING	0	SWEPT INFRONT OF THE SEWER PLANT.	$25.00	1.0	2/15/2022	

STREET SWEEPING	0	SWEPT WEST SIDE OF MAIN STREET FROM 800 S TO 1700 S	$50.00	2.0	2/15/2022	
INLET CLEANING	0	THE STREETS CREW HELPED ME CLEAN OUT THE STORM LINE THAT RUNS UNDER I15 FRO 800 W 100 S ACROSS I15 TP THE WEST AT 830 W.	$400.00	4.0	2/15/2022	
INLET CLEANING	0	Cleaned the inlet and cleaned out the pipe running west to the side of the freeway	$100.00	1.0	2/15/2022	
STREET SWEEPING	4	SWEPT AROUND THE PARK.	$25.00	1.0	2/14/2022	
STREET SWEEPING	0	SWEPT FROM 100 S TO 500 S	$25.00	1.0	2/14/2022	
STREET SWEEPING	0	SWEPT PARKING LOT	$10.00	0.3	2/10/2022	
STREET SWEEPING	0	SWEPT PARKING LOT	$10.00	0.3	2/10/2022	
STREET SWEEPING	3	SWEPT FROM MAIN TO POWER PLANT	$25.00	1.0	2/10/2022	
STREET SWEEPING	3	SWEPT THE STREET GOING WEST FROM INTERSECTIO N.	$15.00	0.3	2/10/2022	

VIOLATION/RED TAG	0	Three piles of gravel in the curb that need to be removed. I talked with home owner and she said it will be removed by tomorrow 1-15-22	$0.00	0.0	1/14/2022	
	99					

Total Records: 94 **4/20/2022**

Appendix 4

First name	Surname	Email address	Course	Status	Date completed	Grade
Jeremy	Alvey	jeremya@payson.org	IDDE For Municipal Employees	100%	4/6/2022	100%
Kyle	Anderson	kylea@payson.org	IDDE For Municipal Employees	100%	2/17/2022	88%
Kelly	Argyle	kellya@payson.org	IDDE For Municipal Employees	0%		0%
Jesse	Averett	jessea@payson.org	IDDE For Municipal Employees	100%	2/22/2022	83%
Amanda	Baker	amandab@payson.org	IDDE For Municipal Employees	100%	3/16/2022	100%
Ashton	Baker	ashtonb@payson.org	IDDE For Municipal Employees	0%		0%
Molly	Baker	mollyb@payson.org	IDDE For Municipal Employees	100%	4/12/2022	100%
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Jesse	Bennett	jesseb@payson.org	IDDE For Municipal Employees	100%	3/9/2022	90%
Emily	Bennett	emilyb@payson.org	IDDE For Municipal Employees	0%		0%
Brad	Bishop	bradb@payson.org	IDDE For Municipal Employees	0%		0%
Toni	Bleyle	tonib@payson.org	IDDE For Municipal Employees	0%		0%
Corina	Brian	corinab@payson.org	IDDE For Municipal Employees	0%		0%
Cary	Bryan	caryb@payson.org	IDDE For Municipal Employees	0%		0%
Debbie	Bushnell	debbieb@payson.org	IDDE For Municipal Employees	100%	2/17/2022	90%
Kristine	Butler	kristineb@payson.org	IDDE For Municipal Employees	0%		0%
Justin	Butler	justinb@payson.org	IDDE For Municipal Employees	0%		0%
Kaitlen	Caldwell	kaitlenc@payson.org	IDDE For Municipal Employees	100%	2/26/2022	83%
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Ashley	Christensen	ashleyc@payson.org	IDDE For Municipal Employees	100%	2/17/2022	75%
Kelly	Christensen	kellyc@payson.org	IDDE For Municipal Employees	100%	2/17/2022	100%
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Cody	Cornaby	codyc@payson.org	IDDE For Municipal Employees	0%		0%
Tyler	Cressall	tylerc@payson.org	IDDE For Municipal Employees	0%		0%
Nick	Cummings	nickc@payson.org	IDDE For Municipal Employees	100%	4/13/2022	75%
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Haley	DeHart	haleyd@payson.org	IDDE For Municipal Employees	0%		0%
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Eric	Jewell	ericj@payson.org	IDDE For Municipal Employees	0%		0%
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Debbie	May	debbiem@payson.org	IDDE For Municipal Employees	100%	4/12/2022	93%
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Steve	Spencer	steves@payson.org	IDDE For Municipal Employees	100%	4/13/2022	90%
Jill	Spencer	jills@payson.org	IDDE For Municipal Employees	0%		0%
Dylan	Spencer	dylans@payson.org	IDDE For Municipal Employees	100%	2/27/2022	100%
Joseph	St Peter	josephstpeter@payson.org	IDDE For Municipal Employees	0%		0%
Chase	Steele	chases@payson.org	IDDE For Municipal Employees	100%	3/9/2022	75%
Ned	Stephenson	neds@payson.org	IDDE For Municipal Employees	0%		0%
Brian	Stevenson	brians@payson.org	IDDE For Municipal Employees	100%	4/12/2022	100%
Eve	Sumner	eves@payson.org	IDDE For Municipal Employees	100%	4/29/2022	100%
Scott	Taylor	scottt@payson.org	IDDE For Municipal Employees	100%	5/9/2022	100%
Karl	Teemant	karlt@payson.org	IDDE For Municipal Employees	0%		0%
Jake	Terry	jaket@payson.org	IDDE For Municipal Employees	100%	4/13/2022	100%
Savannah	Tew	savannaht@payson.org	IDDE For Municipal Employees	100%	4/21/2022	90%

Kyle	Thomas	kylet@payson.org	IDDE For Municipal Employees	100%	2/17/2022	100%
James D.	Thompson	jamest@payson.org	IDDE For Municipal Employees	0%		0%
Emily	Trafny	emilyt@payson.org	IDDE For Municipal Employees	100%	2/17/2022	100%
Dave	Tuckett	davet@payson.org	IDDE For Municipal Employees	100%	4/12/2022	100%
Chris	Van Aken	chrisvanaken@payson.org	IDDE For Municipal Employees	0%		0%
Jeremy	White	jeremyw@payson.org	IDDE For Municipal Employees	100%	2/17/2022	100%
Stephanie	Whitehead	stephaniew@payson.org	IDDE For Municipal Employees	100%	4/13/2022	70%
Riley	Winn	rileyw@payson.org	IDDE For Municipal Employees	100%	2/23/2022	90%
Emily	Wright	emilyw@payson.org	IDDE For Municipal Employees	0%		0%
Jake	Wyatt	jakew@payson.org	IDDE For Municipal Employees	100%	4/13/2022	93%
Tracy	Zobell	tracyz@payson.org	IDDE For Municipal Employees	0%		0%

Appendix 5

Inventory of City Owned Facilities

Buildings

- Payson City Civic Building 439 W UTAH AVE PAYSON UT 84651-2042
- Payson Government Offices 439 W UTAH AVE PAYSON UT 84651-2042
- Payson Court House 439 W UTAH AVE PAYSON UT 84651-2042
- Payson Police Department 439 W UTAH AVE PAYSON UT 84651-2042
- Payson Library 66 S MAIN

PAYSON UT 84651 Electric

- Payson Public Works/Electric 1040 N MAIN PAYSON UT 84651
- Electric Substation Nebo Switch Yard 1040 N MAIN PAYSON UT 84651
- Electric Substation Paco 745 NORTH 500 EAST PAYSON UT 84651
- Electric Substation Downtown 350 EAST HWY 198 PAYSON UT 84651
- Electric Substation Industrial 213 SOUTH TEMKIN WAY PAYSON UT 84651
- Electric Substation Race Track 255 EAST PAYSON CANYON RD PAYSON UT 84651

Parks

- Payson Recreation Office 1050 S MAIN PAYSON UT 84651
- Gladstan Golf Course 1 GLADSTAN DRIVE PAYSON UT 84651

- Hillman Field 760 S 800 W PAYSON UT 84651
- Payson Sports Complex 800 S MAIN PAYSON UT 84651
- Payson Aquatic Center 655 S MAIN PAYSON UT 84651
- Payson Skate Park 655 S MAIN PAYSON UT 84651
- Peteetneet 100 S 500 E PAYSON UT 84651
- Memorial Park 200 S MAIN PAYSON UT 84651
- Pioneer Park 100 N MAIN PAYSON UT 84651
- McMullin Park 600 W 800 S PAYSON UT 84651
- Walker War Monument 700 S 100 W PAYSON UT 84651
- Dry Mountain Park 260 W 1400 S PAYSON UT 84651
- Hollow Park 800 S 400 E PAYSON UT 84651
- Payson City Cemetery 805 E 400 N PAYSON UT 84651
- Temple View Park 250 S MAIN

PAYSON UT 84651 Land fill

- Payson Land Fill 6211 W10400 S PAYSON UT 84651
  - NPDES#4953 (Regulated and Permitted under another State Agency)
  - UTR000697
  - http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110032 610164

Waste Water

- Payson Waste Water Treatment Plant 439 WEST UTAH AVENUE, PAYSON, UT 84651
  - NPDES# 4952 (Regulated and Permitted under another State Agency)
  - UTL020427
  - http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_regist

ry_id=110000 566600

Fire Department

- Payson Fire Department 439 W UTAH AVE PAYSON UT 84651
- Payson Fire/Ambulance Station 350 E HIGHWAY 91 PAYSON UT 84651
- Payson Fire/Ambulance Station 100 E 100 S

PAYSON UT 84651 Wells/Water Tanks

- Well #1 200 S MAIN PAYSON UT 84651
- Well #2 205 EAST PAYSON CANYON RD PAYSON UT 84651
- Well #4 760 S 800 W PAYSON UT 84651
- Well #5 725 SOUTH MAIN PAYSON UT 84651
- Water Tanks 1500 S CANYON RD PAYSON UT 84651

Appendix 6

SWPPP AND LOW IMPACT DEVELOMENT DESIGN CHECKLIST

Project Name: ……

Project Address: ……

Applicant's information

Applicant's Name: ……

Applicant's Address: ……

Telephone: ……..... Email Address: …….

Is the proposed development:

☐ Yes ☐ No Disturbing 1 acre or more?
☐ Yes ☐ No Part of Common Development Plan?

Submit the following forms:

☐ Land Disturbance Permit
☐ Notice Of Intent

Part 1: Storm Water Pollution Prevention Plan Submittal

Plan Review Questions	Answers
Does the SWPPP plan include the project's name in bold letters?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include the project's address?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan Sheet include a vicinity map?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include a north arrow and scale bar?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include a 24-hour number of local contact responsible for the installation, inspection, and maintenance of the BMPs?	☐ Yes ☐ No ☐ N/A
Are the SWPPP plans stamped "PRELIMINARY - NOT FOR CONSTRUCTION"?	☐ Yes ☐ No ☐ N/A
Are the SWPPP plans stamped, signed and dated by a Utah Licensed Professional Engineer?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan show existing waters of the state located within 200 feet?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan show existing/ proposed culverts, stormwater sewer pipes, ditches and/ or other storm conveyance capacities?	☐ Yes ☐ No ☐ N/A

Does the SWPPP Plan show 2-foot intervals existing contour lines as dashed fine lines with a contour label?	☐ Yes ☐ No ☐ N/A
Does the SWPPP Plan show 2-foot intervals final grade contour lines with solid thick line and contour labels?	☐ Yes ☐ No ☐ N/A
Is the site plan free of manufacturing facilities during construction?	☐ Yes ☐ No ☐ N/A
Is the site plan free of chemicals or hazardous materials storage?	☐ Yes ☐ No ☐ N/A
Is the site plan free of areas designated for vehicle's maintenance?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include calculations for the C value for existing and post-construction conditions?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include a Certification Statement signed, dated and stamped by a Utah State Professional Engineer? Example: *"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 ensure 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 for knowing violations." PE STAMP, SIGN AND DATE*	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include the delineation of existing wetlands?	☐ Yes ☐ No ☐ N/A

Part 2: Structural Best Management Practices

Does the SWPPP show the location of the SWPPP Board BMP?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan show the location of the construction entrance/ exit?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan show a designated material storage area?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan show the equipment wash out area?	☐ Yes ☐ No ☐ N/A
Does the SWPPP include the location of the concrete washout area?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include the location of the portable toilet?	☐ Yes ☐ No ☐ N/A
Does the SWPPP include the installation of storm drain inlet protection BMPs?	☐ Yes ☐ No ☐ N/A

Does the SWPPP plan include the location of the perimeter storm runoff control BMPs?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include the location of trash containers or trash receptacles?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan show the spacing and number of trash containers provided?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include a note stating the following? *"Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."*	☐ Yes ☐ No ☐ N/A

Part 3: Non Structural Best Management Practices

Does the SWPPP plan include the number of inlet protection BMPs to be installed after the construction is completed?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include the frequency of the maintenance and inspections of the storm drain inlet protection BMPs?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include the frequency of the street/ parking lot sweeping?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include the frequency of the storm drain system cleaning?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include the frequency of the storm drain inlets inspections and maintenance?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include the frequency of the oil/ water separator/s inspections and maintenance?	☐ Yes ☐ No ☐ N/A

Part 4: Non-Structural Strategies and LID BMPs

Does the SWPPP plan include preservation of natural areas?	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan include preservation of natual vegetation?	☐ Yes ☐ No ☐ N/A
Does the development design delineate areas to be protected (limits of disturbance)?	☐ Yes ☐ No ☐ N/A
Does the development design incorporate on-site bio-retention ponds?	☐ Yes ☐ No ☐ N/A
Does the development design incorporate the construction of driveways and alleys with permeable pavement?	☐ Yes ☐ No ☐ N/A
Does the development design incorporates the collection and harvesting of storm drain runoff	☐ Yes ☐ No ☐ N/A
Does the SWPPP plan show the volume of the underground or above ground stormwater runoff harvesting tanks or containers?	☐ Yes ☐ No ☐ N/A

Appendix 7

BMP/ SOP's

BEST MANAGEMENT PRACTICES / STANDARD OPPERATING PROCEDURES

AND

INSPECTION CHECK LIST

PAYSON
UTAH

PAYSON CITY PARKS AND RECREATION

TABLE OF CONTENTS

LANDSCAPING AND LAWNE CARE

POLLUTION PREVENTION / GOOD HOUSEKEEPING PRACTCES

1. IDENTIFY IMPACTS TO/ON STORMWATER/RECEIVING WATERS

- Nutrient loading(nitrogen and phosphorous) from fertilizer runoff can cause excessive aquatic plant growth

2. PROBLEM EVALUATION : ASSESS IMPACT ON RECEIVING WATERS

- Biochemical Oxygen Demand

3. IDENTIFY (AND CHOOSE APPROPRIATE) SOLUTIONS

- Purchase only enough lawn care products necessary for one year- store properly to avoid waste generation (spills, leaks)
- Use slow release or naturally derived (organic) fertilizers when possible, only use quick release fertilizers when needed to get athletic playing surfaces to a safe and playable standard
- Train employees in the proper application of lawn care products
- Develop zero input/low input lawns for non-athletic playing surfaces
- Consider alternative landscape techniques (naturescaping, xerscaping)
- Plant trees away from sewer lines or other underground utilities
- Use drip irrigation techniques for landscaping

4. INSPECTION PROCEDURES

- Routinely monitor lawns to identify problems during their early stages
- Identify nutrient/water needs of plants, inspect for problems by testing soils when possible

5. MIANTENANCE PROCEDURES

- Minimize fertilizer application
- Leave grass clippings on lawn, or mulch clippings into lawn
- Limit watering as necessary to supplement rainwater (1 inch/week is adequate)
- Mow with sharpened blades set no lower than (2 inches) remove only the top 1/3 of the leave
- Water plants in the early A.M.

LANDSCAPING AND LAWN CARE INSPECTION CHECKLIST

LOCATION _____

Items to check	Problems Observed	Maintenance Repairs	Action	NOTES
GRASS PLANT CONDITION	WILTED BROWN LEAVES	Yes No	○ ADD WATER	
GENERAL AREA	BARREN SOILS	YES NO	○ Re-seed, cover with hay or burlap to prevent runoff	

DATE: _____ INSPECTOR: _____

FREQUENCY _____

SPILL RESPONSE AND PREVENTION

POLLUTION PREVENTION/ GOOD HOUSEKEEPING PRACTICE

1. IDENTIFY MATERIALS THAT IMPACT STORMWATER/ RECEIVING WATERS

(SURFACE WATERS)

* Liquids associated with vehicle/ equipment maintenance products (oils, fuels, antifreeze, etc.)
* Chemicals

2. IDENTIFY (AND CHOOSE APPROPRIATE) SOLUTIONS (BMP's)

* Keep all materials properly stored in closed, labeled containment system
* Use secondary containment system where appropriate
* Obtain spill recovery materials for immediate response to a spill

3. INSPECTION PROCEDURES

* Inspect containers for leaks, areas near storm receiver inlets and outlets, floor drains for indications of spills.

4. MAINTENANCE PROCEDURES

* Use reusable spill clean up materials (sponge mops, oil absorbent pads.

PARKS & RECREATION DEPARTMENT INSPECTION CHECKLIST DATE:				
	Yes	No	Not Required	ACTION TAKEN

GAS AND OILS STORAGE AREAS	☐	☐	☐	
EQUIPMENT STORAGE AREA	☐	☐	☐	
VEHICLE WASHOUT AREAS	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	

DATE: _____ INSPECTOR: _____

VEHICLE / EQUIPMENT WASHING

POLLUTION PREVENTION/ GOOD HOUSEKEEPING PRACTICES

1. IDENTIFY IMPACTS TO/ON STORMWATER/RECEIVING WATERS(URFACE WATERS)

- Nutrients (biodegradable soaps)
- Metals
- Petroleum based wastes (organic pollutants)

2. IDENTIFY (AND CHOOSE APPROPRIATE) SOLUTIONS (BMPs)
    - Perform cleaning with pressurized cold water, without the use of soaps, if wastewaters will flow to a system
    - Rinse with hoses that are equipped with automatic shutoff devices and spray nozzles
    - Steam clean (without soap) where wastes can be captured for proper disposal (oil/water separator) when needed at city shops

, 3. INSPECTION PROCEDURES

- Inspect hoses and spray nozzles)

4. MAINTENANCE PROCEDURES

- Map storm drain locations accurately to avoid illegal discharges
- Perform steam cleaning or pressure washing where wastes can be captured for proper disposal
- Take precautions against excess use of spillage of detergents

VEHICLE AND EQUIPMENT WASHING AREA CHECKLIST

PARKS AND RECREATION DEPARTMENT				
CHECK LIST ITEMS	**Yes**	**No**	**Not Required**	**Comments**
Designated “wash out” area	☐	☐	☐	
Wastewater discharge location	☐	☐	☐	

	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
Maintenance / Repairs				
	Yes	**No**	**Not Required**	**Action Taken**
Designated " wash out " area	☐	☐	☐	
Wastewater discharge location	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	

DATE: _____ INSPECTOR _____

HAZARDOUS AND WASTE MATERIALS MANAGEMENT
POLLUTION PREVENTION / GOOD HOUSEKEEPING PRACTICES

1. IDENTIFY IMPACTS TO / ON STORMWATER / RECEIVING WATERS

- Lube oils
- Coatings and their compatible solvents(paints, thinners)
- Cleaning agents
- Fuels (gas , diesel)

- Anti freeze

2. IDENTIFY (AND CHOOSE APPROPRIATE) SOLUTIONS (BMP's)

    - Ensure that all materials are in closed ,labeled containers if stored outside, drums should be placed on pallets away from storm receivers – inside storage areas should be located away from floor drains
    - Use the least toxic materials to perform the work
    - Install or use secondary containment devices where appropriate
    - Eliminate waste by reusing coating / solvent mixtures when possible
    - Recycle materials if possible, or use proper disposal practices

3. INSPECTION PROCEDURE

    - Regular inspection of material storage areas (inside and outside)

4. Maintenance procedures

    - Repair or replace any leaking / defective containers, and replace labels
    - Maintain caps and / or covers on containers
    - Maintain aisle space for inspection of products/wastes

HAZARDOUS AND WASTE MATERIALS MANAGEMENT CHECKLIST				
	Yes	**No**	**Not Required**	**ACTION TAKEN**
OUTSIDE STORAGE AREAS	☐	☐	☐	
INSIDE STORAGE AREAS	☐	☐	☐	

	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	

DATE: _____ INSPECTOR: _____

Appendix 8

BMP/ SOP's

BEST MANAGEMENT PRACTICES / STANDARD OPPERATING PROCEDURES

FOR

DRY WEATHER SAMPLING

PAYSON
UTAH

PAYSON CITY STORMWATER DEPARTMENT

SOP

PAYSON CITY

DRY WEATHER SAMPLING PLAN AND OUT INSPECTIONS

This will outline the dry weather sampling and outfall inspection protocol.

1. Dry weather sampling will be done on outfalls that drain into Dry Creek , Beer Creek And any other stream that drains into waters of the state.
2. The inspections and sampling will done every six months rotating streams from Beer Creek to Dry Creek at two locations per sample. One sample up stream and one sample down stream to check for Nitrogen levels and Total Phosphorus.
3. Inspections will be done on all outfalls twice a year spring and fall.
4. Sampling will be done by using all safety protocols to provide a clean and protected sample from contamination and safety of the inspector.
5. Each sample will be put into the proper containers and kept refrigerated at all times.
6. Samples will be logged in and stored at the Payson City Sewer facility until they are picked up by CHEMTECH-FORD ANALYTICAL LABORATORY.
7. All visual inspections will be done by the SWPPP Inspector and records of such inspection will be kept in iWorQ.

Appendix 9

BMP/ SOP's

BEST MANAGEMENT PRACTICES / STANDARD OPPERATING PROCEDURES

FOR

LILLICT DISCHARGE RISK
FACTOR ANALYSIS

PAYSON
UTAH

PAYSON CITY STORMWATER DEPARTMENT

SOP

POTENTIAL RISK OF ILLICIT DISCHARGES

Risk factors will be compiled from zoning information and proximity to a water source. We will take the total points and determine the risk factor of an illicit discharge happening. This will determine the inspection frequency and testing of water in the area.

ZONING: Industrial / Agriculture : 50 points
Residential/Urban: 40 points
Mountain Zone: 30 points

PROXIMITY TO WATER: with in 1mi : 50 points
1 mi – 2 mi : 40 points
2 mi – 3 mi : 30 points
3 mi – 4 mi : 20 points
5 + mi : 10 points

RISK : High : 90 points
Medium : 70-80 points
Low : 0-60 points

Appendix 10

SWPPP COMPLIANCE INSPECTION FORM

Project Name:	Address:	Date:
Owner:	Contractor (Gen/Sub):	Start time:
Site Contact:	Phone:	Stop time:
UPDES Permit #: Expiration:	Weather: Sunny Snowing Cloudy Raining Other:	
Date of last rain event:	Duration:	Approx. Rainfall (in):
Inspected By (Print):	Local Jurisdiction or County:	
Reason for Inspection: Scheduled Complaint/Tip Random	Receiving Waters:	
Inspection Code (circle one): SW sampling / SW non-sampling	Inspector Code (circle): (S) State / (L) Local	Type Code (circle): 1 - Municipal 2 - Industrial 3 - State

SWPPP, EROSION, SEDIMENT AND HOUSEKEEPING BMP's INFORMATION	YES	NO	N/A
1. Is the SWPPP on site and accessible, or is the SWPPP location posted in an obvious place and reasonably accessible (in a short time)?			
2. Are erosion control, sediment control, buffer controls and good housekeeping BMP's installed on the site as shown in the SWPPP?			
3. Has the SWPPP been updated to reflect the current site conditions (modifications dated & initialed on site map, new BMPs on site map, discontinued BMPs crossed off site map, new BMP details & spec's in SWPPP, SWPPP amendment Log, etc.)?			
4. Are on-site inspections being performed and recorded by a qualified person on a weekly or biweekly basis, reporting items required by permit? (Inspector name, qualifications and signature, weather, problems/repairs, corrective action, new BMPs, removed BMPs, discharges, etc.)			
5. Have all corrective action items from previous inspections been logged, addressed and documented within the time frame allotted?			
6. Are SW flows entering and leaving the construction site controlled, managed, or diverted around the site? (e.g. buffer zones perimeter controls, berms, silt fence, up gradient boundary diversion, down gradient boundary sediment control, etc.)			
7. Is there evidence of sediment discharge such as mud flows or soil deposits from the construction site in downstream locations?			
8. Is there evidence of vehicles tracking soil off the construction site?			
9. Is there soil, construction material, landscaping items, or other debris piled on impervious surfaces (roads, drives) that could be washed with SW to a storm drain or water body?			
10. Is there a need to repair, maintain, or improve erosion control BMPs (temporary stabilization, erosion blankets, mulch, vegetated strips, riprap, surface roughening, pipe slope drain, dust control, etc)?			
11. Is there a need to repair, maintain, or improve sediment control BMPs (silt fence, check dams, fiber rolls, sediment trap/basin, inlet protection, waddles, straw bails, curb cut-back, etc?			
12. Is there a need to repair, maintain, or improve good housekeeping controls (clean track out pad, sweeping, construction materials management, litter/trash control, portable toilet, staked down, fueling areas, concrete wash out area, proper curb ramps, spill prevention, etc)?			
13. Are there disturbed areas that have not had construction activities for 14 to 21 days without stabilization? (except snow or frozen ground)?			
14. Are there places where BMPs are needed and should be installed or not needed and should be removed?			

COMMENTS AND CORRECTIVE ACTIONS FOR SWPPP COMPLIANCE

Identify the problem and its location. If appropriate, describe (in general terms) what needs to be completed. However, only if qualified (e.g., you are a designer) should you be mandating specific BMPs to install. Include the date when corrections are made.

Inspector, please list all applicable SEV codes:

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.

Inspector:

(Print Name) (Title) (Signature) (Date)

Operator:

(Attach additional sheets of narrative, pictures and checklists, as necessary)

ADDITIONAL COMMENTS AND CORRECTIVE ACTIONS FOR SWPPP COMPLIANCE

Site Name:	Date of Evaluation: Page of
Site Address:	

1. Describe how erosion control is achieved

2. Describe how sedimentation control is achieved

3. Described how dust control is achieved

4. Described how illicit discharges or open containers elimination is achieved

5. Describe how mud tracking reduction or elimination is achieved

6. Describe how frequent and by whom are the site inspections conducted

7. Describe where and how the inspection records are made available to the inspector

8. Describe any enforcement action taken based on this field inspection

EPA Form 3560-3 SEV Codes and Descriptions

DOR11		Discharge without a permit	BR19B		Failure to properly operate and maintain BMP's
DOR18		Failure to apply for a Notice of Termination	BR19A		Failure to properly install/implement BMP's
BOR12		Failure to conduct inspections	EOR16		Failure to submit required report (non-DMR)
BOC17		Failure to develop any or adequate SWPPP/SWMP	AOR22		Narrative effluent violation
BOC18		Failure to implement SWPPP/SWMP	DOR12		Failure to submit required permit information
BOR41		Failure to maintain records	AOR12		Numeric effluent violation
COR11		Failure to monitor	BOR42		Violation of a milestone in an order

Appendix 11