



# GILBERT STORMWATER MANAGEMENT PLAN

December 2023



**Prepared for:**

Town of Gilbert  
Project #SW0120  
50 East Civic Center Drive  
Gilbert, Arizona 85296

**Submitted by:**

JE Fuller  
Project #: P3839.01  
40 E. Helen Street,  
Tucson AZ 85705

## CERTIFICATION STATEMENT

**Permittee Name:** Town of Gilbert  
**Permit Number:** AZG2021-002

STORMWATER MANAGEMENT CONTACT

CERTIFYING OFFICIAL

**Name:** Hondo Judd

**Name:**

**Title:** Environmental Compliance Manager

**Title:**

**Mailing Address:**

**Mailing Address:**

4760 S. Greenfield Rd.

{Street Address}

Gilbert AZ 85297

Gilbert AZ 85297

Phone: (480) 620-1012

Phone:

Email: [hondo.judd@gilbertaz.gov](mailto:hondo.judd@gilbertaz.gov)

Email:

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## EXECUTIVE SUMMARY

This Stormwater Management Program (SWMP) has been prepared for the Town of Gilbert (Gilbert) to comply with the Arizona Department of Environmental Quality's (ADEQ) Arizona Pollutant Discharge Elimination System (AZPDES), General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4), [AZG2021-002](#) (Permit). It is the intent of the Permit to reduce to the "maximum extent practicable" (MEP), the discharges of pollutants from small municipal separate storm sewer systems (MS4) to the designated Waters of the United States, located within the State of Arizona. This requirement is mandated by the Environmental Protection Agency through the Clean Water Act and [A.R.S.49-255.04](#).

To comply compliance with the permit, Gilbert has developed a Storm Water Management Program (SWMP). The SWMP, presented in the proceeding pages, describes the minimum control measures (MCMs) separated into six (6) target areas used to reduce pollutants and meet stormwater quality standards. The MCMs, as defined in the Permit, are:

- MCM 1. Public Education and Outreach
- MCM 2. Public Participation and Involvement
- MCM 3. Illicit Discharge Detection and Elimination (IDDE) Program
- MCM 4. Construction Activity Stormwater Runoff Control
- MCM 5. Post-Construction Stormwater Management in New Development and Redevelopment
- MCM 6. Pollution Prevention and Good Housekeeping for Municipal Operations

To achieve the goals of each MCM, Gilbert has selected a series of Best Management Practices (BMPs) that will be implemented within Gilbert's urbanized areas. While numerous governmental departments will be tasked with the implementation of the SWMP and BMPs described within the MCM categories, Gilbert's Public Works – Environmental Compliance Division will ultimately be responsible for administrating and overseeing their implementation. These best management practices are described in Appendix B – G of the SWMP.

Because the SWMP is designed to be a comprehensive program document outlining how the stormwater program is implemented and maintained, additional sections have been included to address:

- Legal Authority
- MS4 Mapping
- Monitoring
- Program evaluation and revision
- Reporting

The Permit was issued by ADEQ effective on September 30, 2021, and will expire on September 29, 2026. If ADEQ does not reissue the general permit before the expiration date, this permit will be administratively continued in accordance with [A.A.C. R-18-9-C903](#) and remain in force and effect until a new one is issued.

The SWMP will be reviewed annually, and the measurable goals associated with the MCMs will be tracked and reported to ADEQ within an Annual Report. Revisions to the SWMP, or the BMPs will be tracked with the supporting documentation incorporated into the appendix of this document and reported as part of the Annual Report. The Annual Report and SWMP are available to the public for review online ([Town of Gilbert Stormwater](#)).

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## SECTION 1      STORMWATER MANAGEMENT PROGRAM

### INTRODUCTION

#### 1.1 REGULATORY BACKGROUND

The Arizona Pollutant Discharge Elimination System (AZPDES) General Permit for Discharges from Small Municipal Separate Storm Sewer System (MS4) Permit was established by the Arizona Department of Environmental Quality (ADEQ) pursuant to the Clean Water Act (CWA), Section 402(p)(3)(iii) and A.R.S. 49-255.04, to ensure that pollutant discharges from the MS4s are reduced to the “maximum extent practicable” (MEP), protect water quality, and satisfy the appropriate water quality requirements of the CWA. ADEQ’s initial 2002 AZPDES general permit required small MS4s to develop and implement SWMPs designed to control pollutants to the MEP and protect water quality. Subsequent issuance of the permit reflects new guidelines and rules passed down by the Environmental Protection Agency to ADEQ.

In order to maintain authorization to discharge stormwater runoff from the MS4, the Town of Gilbert (Gilbert) is required to update the 2016 SWMP to reflect the requirements presented in the General Permit [AZG2021-002](#) (Permit).

#### 1.2 SWMP COVERAGE AREA

Gilbert is located in Maricopa County, encompasses an area of 68.59 square miles and has a population of approximately 267,918 (based on 2021 U.S. Census Bureau data). Gilbert is located within the Phoenix urbanized area and is required to comply with the Phase II regulations as outlined by ADEQ. The SWMP covers all areas within Gilbert’s incorporated area. The Town boundaries as well as the urbanized area boundary based on the 2021 census are shown in **Figure 1**.

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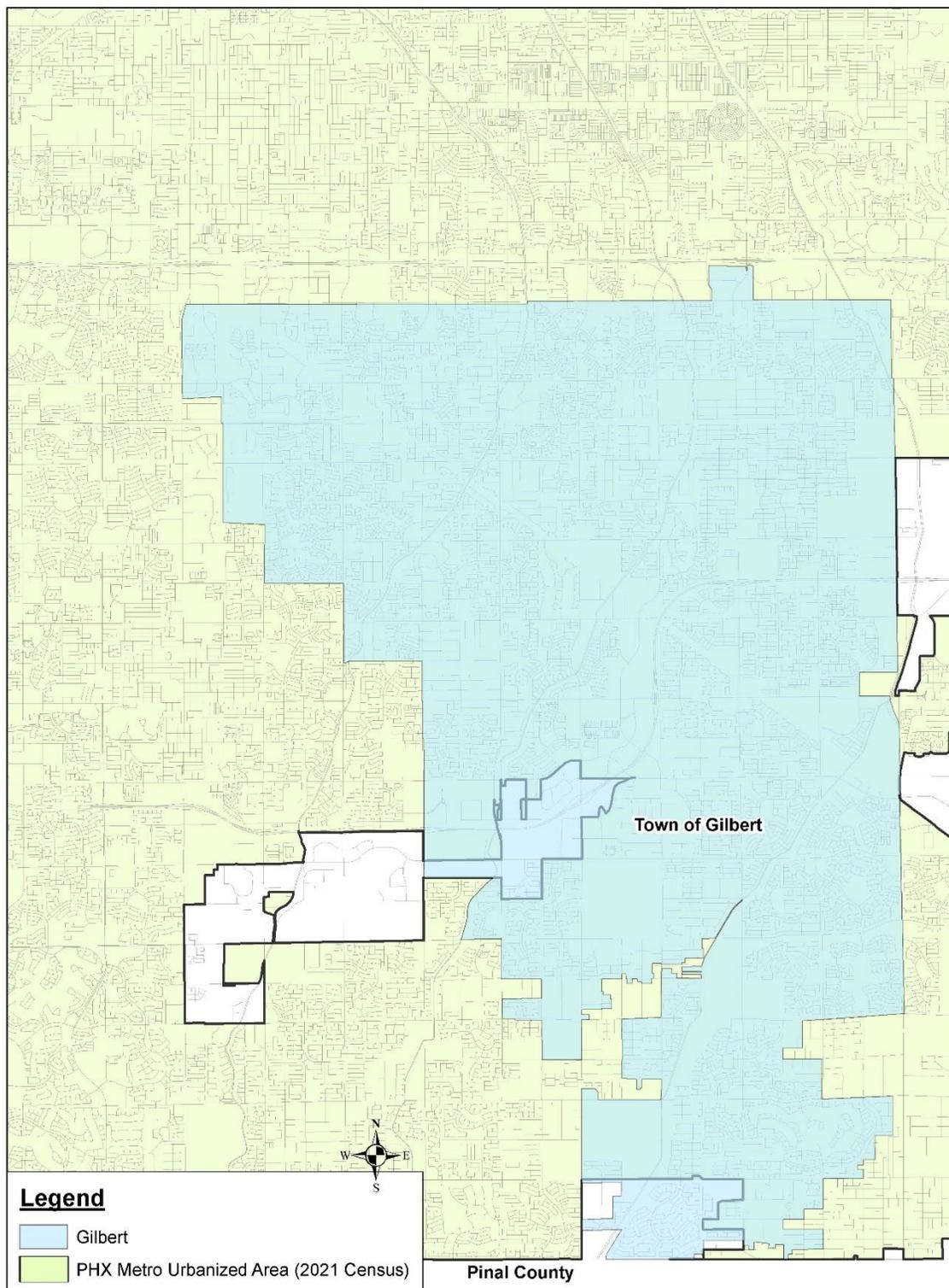
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**Figure 1: Town of Gilbert and Surround Urbanized Areas**

### 1.3 ARIZONA POLLUTANT DISCHARGE ELIMINATION SYSTEM (AZPDES) SMALL MS4 GENERAL PERMIT

To achieve the goals of reducing pollutant discharges and protect water quality, the Permit requires the implementation of six (6) minimum control measures (MCM).

- MCM 1. Public Education and Outreach
- MCM 2. Public Participation and Involvement
- MCM 3. Illicit Discharge Detection and Elimination (IDDE) Program
- MCM 4. Construction Activity Stormwater Runoff Control
- MCM 5. Post-Construction Stormwater Management in New Development and Redevelopment
- MCM 6. Pollution Prevention and Good Housekeeping for Municipal Operations

### 1.4 ORGANIZATION OF THE SWMP

This SWMP has been organized into eleven (11) sections with their respective appendices. Each section is briefly described below:

#### **Section 1 Stormwater Management Program:**

This section briefly summarizes the history and requirements of Gilbert’s stormwater program. It also outlines the roles and responsibilities of departments within the Town of Gilbert tasked with administrating, implementing and reviewing the SWMP.

#### **Section 2 Program Management:**

The goals of the Gilbert stormwater program, the responsibilities of the Town, developers, corporations, and individuals, and the legal authority/enforcement options available to the Town are provided in this section.

#### **Section 3 Public Education and Outreach (MCM 1):**

The purpose of this program is to distribute information on the importance of clean stormwater runoff to the general public, residential communities, homeowners, schools and targeted business sectors (i.e., commercial and industrial facility owners and managers, developers, and contractors). The procedures associated with this program are briefly explained in this section.

#### **Section 4 Public Participation and Involvement (MCM 2):**

This section outlines the Town’s goals for involving the general public in the creation, and review of a successful stormwater pollution prevention program, and the methods of involving the public during its implementation.

#### **Section 5 Illicit Discharge Detection and Elimination Program (MCM 3):**

This section describes the Town’s Illicit Discharge Detection and Elimination (IDDE) program for prohibiting non-stormwater discharges into the MS4 and enforcement procedures being implemented to eliminate illicit discharges. Included are the methods for detecting non-stormwater discharges, and the education of the public, with emphasis on the target sectors of industry, regarding the prevention of illegal discharges into Gilbert’s MS4.

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**Section 6 Construction Activity Stormwater Runoff Control (MCM 4):**

This section explains the program set forth by the Town to reduce polluted stormwater runoff from construction sites. Within this section are the procedures for review of the stormwater quality process and elements to be implemented on a site, the inspection of the site during construction, and enforcement of the program by the Town.

**Section 7 Post-Construction Stormwater Management in New Development and Redevelopment (MCM 5):**

This section identifies programs to be carried out by the Town to reduce pollution from post-construction BMPs, including both structural and nonstructural BMPs, maintenance of infrastructure, and enforcement of regulations.

**Section 8 Pollution Prevention and Good Housekeeping for Municipal Operations (MCM 6):**

Described within this section are the operations for reducing pollution from municipal operations and facilities. The section further describes the Town's training programs for stormwater pollution prevention designed to educate staff across multiple departments on the need for adherence to the Good Housekeeping protocols in order to keep pollutants out of the MS4.

**Section 9 Sampling and Analysis Plan:**

The plan, which is briefly explained in this section, defines the procedures and protocols to be used in sampling stormwater runoff, including those to be used for characterization monitoring and wet weather sampling.

**Section 10 Annual Program Evaluation Protocols:**

This section describes the procedure for reviewing, evaluating, and revising the Town's SWMP. Included are the steps for preparing the Annual Report, where the report is filed and record keeping requirements specified in the permit.

**Section 11 Plan Availability and Record Retention:**

This section discusses where the SWMP will be made available and the procedure for keeping records, reports, and other documentation pertaining to the SWMP.

**Section 12 References**

This section lists the references used in the creation of the Town of Gilbert's Stormwater Management Plan.

**Section 13 Acronyms and Definitions**

This section contains an abbreviated list of acronyms and definitions relevant to the Permit and City of Sedona's Stormwater Management Plan.

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## SECTION 2 PROGRAM MANAGEMENT

### 2.1 OVERVIEW

The SWMP and its components will be implemented on an ongoing basis and will be updated as necessary during the permit term. This section describes the overall objectives of the Town of Gilbert's SWMP, some of the local issues specific to Gilbert's small municipal separate storm sewer systems (MS4), departmental implementation of the SWMP, and an overview of the legal authority to implement and enforce the program.

### 2.2 STORMWATER SYSTEM

The Town's stormwater system is comprised of a system of municipally owned or operated stormwater conveyances consisting of curbs, gutters, inlets, catch basins, underground pipes, retention basins, natural washes and man-made channels. The stormwater system is maintained by the Town's Public Works Department. Copies of the current MS4 Infrastructure Maps are provided in **Appendix A**. The map will be revisited annually to ensure it reflects the most recent information.

### 2.3 LOCAL RECEIVING WATERS

The Town of Gilbert is located within the Middle Gila Watershed. This watershed is approximately 12,056 square miles in size and covers 9% of Arizona. The Gila River is the longest river in the watershed and is considered to be a water of the United States.

Stormwater runoff generated by the southwestern portion of Gilbert discharges to the East Maricopa Floodway (EMF). The EMF was constructed by the U.S. Soil Conservation Service along the east side of the Roosevelt Water Conservation District (RWCD) Canal to serve as a regional stormwater outfall for eastern Maricopa County Starting at Brown/Greenfield Roads (Mesa), the EMF parallels the RWCD Canal, and extends twenty-seven (27) miles across the Maricopa County southern boundary into Pinal County. The ultimate outfall for the EMF lies within the Gila River Indian Community at the Gila River. The EMF is now owned and operated by the Flood Control District of Maricopa County (FCDMC) and serves as the primary outfall and flood conveyance from the: Buckhorn-Mesa, Apache Junction-Gilbert, and Williams-Chandler watersheds.

Runoff from the developed areas located on the north end of Gilbert discharges into the Western Canal. The Western Canal is an extension of the RWCD canal system which includes the Eastern Canal also known as the Consolidated Canal. The canal is managed by the Salt River Project (SRP). A map illustrating the flow path for the stormwater entering the EMF being conveyed to the Gila River and the location of the Western and Consolidated Canals is provided on [Figure 2](#).

Per the ADEQ website, there are no "Impaired", Not-attaining or "Outstanding Waters" within the Town limits, nor does Gilbert's MS4 discharge into a watercourse with an established Total Maximum Daily Load (TMDL). Gilbert's MS4 does discharge into the EMF and the Western Canal, both of which are listed as a "Protective Surface Waters" by ADEQ.

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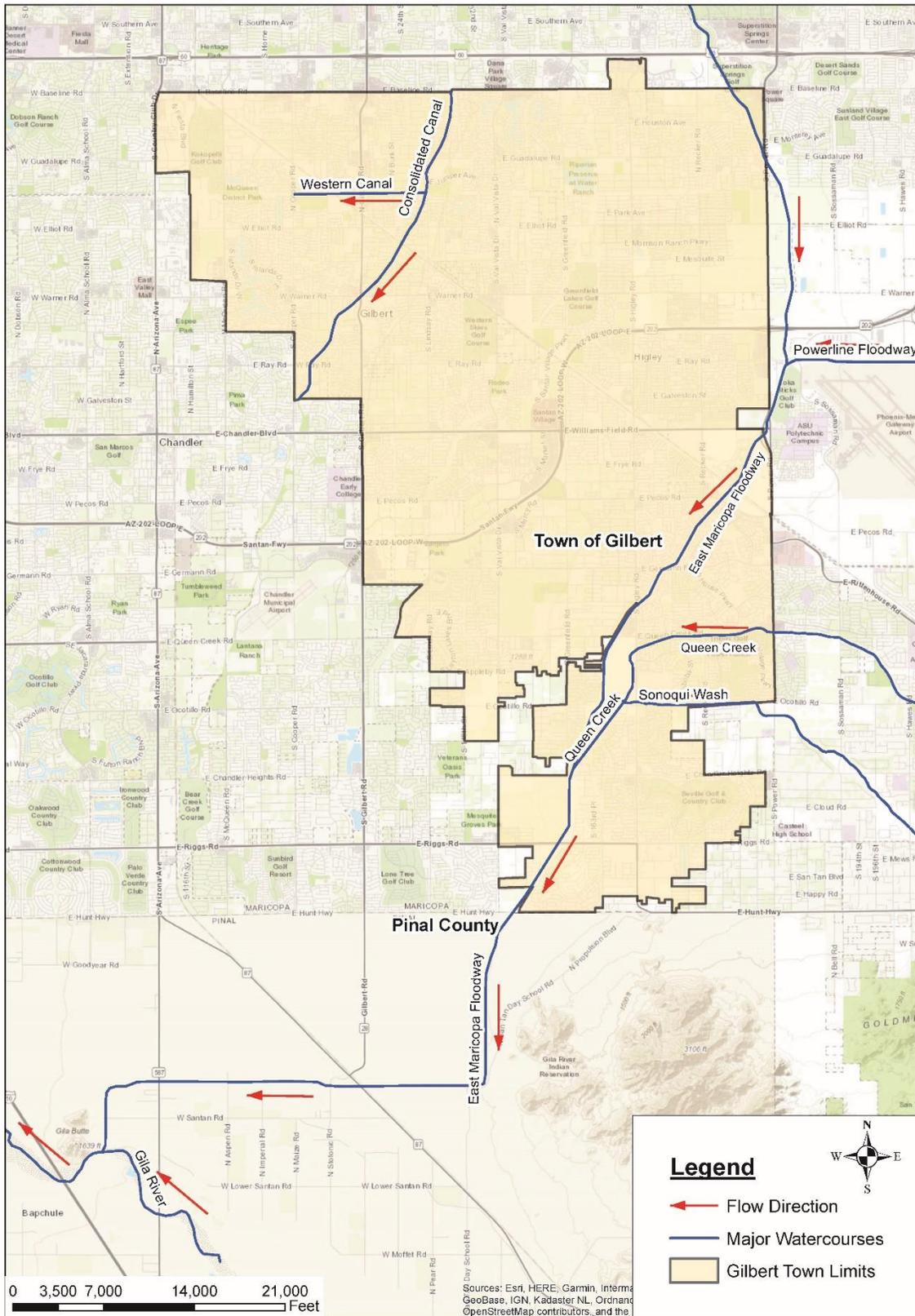
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**Figure 2: EMF Flow Path**

## 2.4 STORMWATER MANAGEMENT RESPONSIBILITIES

It will be the responsibility of the Public Works Environmental Compliance Division (Environmental Compliance) to administer and oversee the SWMP. Environmental Compliance will also conduct inspections. The Environmental Compliance Manager will serve as the point of contact for the program and will be assisted by the Environmental Compliance Coordinator and the Environmental Program Technicians and the Stormwater Utility Technicians. An organization chart is presented on [Figure 3](#).

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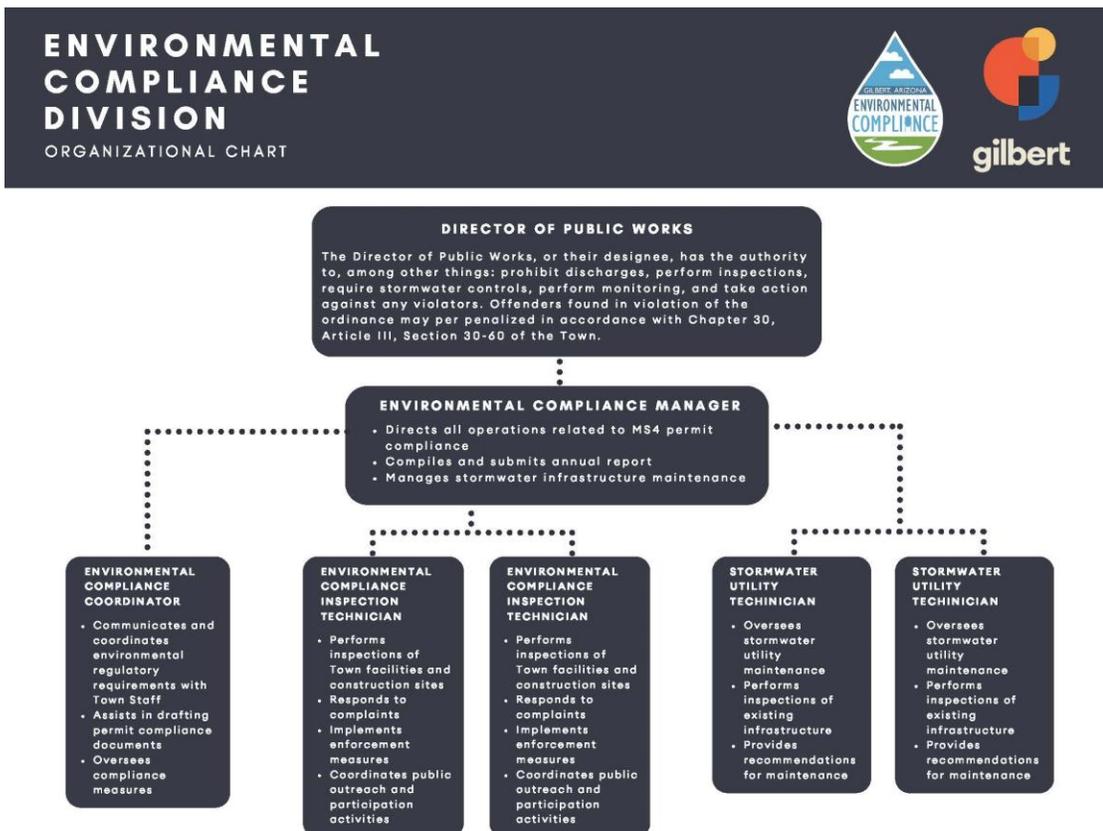
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**Figure 3: Environmental Compliance Organizational Chart**

Under the supervision of the Public Works Director and the Environmental Compliance Manager, the stormwater management program will be implemented by the departments, divisions and staff of Town of Gilbert. Given that each department/division may be responsible for only a small facet of this SWMP, the department responsible for each BMP is identified in the description to help define roles and responsibilities. The job title for the individual responsible for ensuring the implementation of the BMPs assigned to each department is also included with the description of the BMP.

## 2.5 LEGAL AUTHORITY

Chapter 30, Article III of the [Gilbert Code of Ordinances](#) presents the legal authority for the control of pollutants that are or may be discharged to the public storm drain system. The Director of Public Works, or their designee, has the authority to, among other things: prohibit discharges, perform inspections, require stormwater controls, perform monitoring, and take action against any violators. Offenders found in violation of the ordinance may be penalized in accordance with Chapter 30, Article III, Section 30-60 of the Town.

Additional information regarding the implementation of the Town of Gilbert's Storm Water Management Program and can be found in the [Gilbert Public Works and Engineering Standards](#), and the [Town of Gilbert Land Development Code](#).

## 2.6 ENFORCEMENT

To comply with the Permit, the Town has created an [Stormwater Enforcement Response Plan](#) (ERP). The ERP outlines a set of escalating enforcement measures the Town will follow to enforce its relevant stormwater ordinances. Escalation measures presented in the ERP are briefly described below:

- A verbal warning
- A written warning
- Notice of Violation
- Civil Citations
- Criminal Penalties

If the violator fails to take action or fails to act in a timely manner, the Town may proceed with its abatement process as described in the Town Code. The Town will perform the minimum corrective actions to restore compliance with the SWMP, and the violator will be responsible for the associated costs to be reimbursed to the Town.

Through the ERP, the following individuals have been designated by the Town Manager to support and enforce stormwater provisions of the Town Code and SWMP:

- The Director of Public Works is delegated the authority to exercise the powers and perform the duties set forth in the Town's Code of Ordinances and to administer and enforce provisions of said ordinance.
- The Director of Public Works may designate other employees to exercise such powers and perform such duties, as he/ she deems appropriate.

Additional departments responsible for enforcing the requirements associated with the Stormwater Management Plan include,

- The Office of the Town Attorney
- Development Services Department – Inspection and Code Compliance Division

## 2.7 ANNUAL REVIEW

To evaluate the effectiveness of the SWMP, Environmental Compliance will conduct a yearly review of each best management practice and the SWMP as a whole. The annual review is discussed in detail in Section 10.

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## SECTION 3 MCM 1 PUBLIC EDUCATION AND OUTREACH

### 3.1 OVERVIEW

The Town of Gilbert (Gilbert) will implement a public education and outreach program that will distribute educational materials and provide outreach to the small municipal separate storm sewer systems (MS4) community. This program is required by Section 6.1 of the General Permit [AZG2021-002](#). The educational materials are required to provide messages for specific groups regarding the impact of stormwater discharges within the community. Measurable goals must also be developed to assess the effectiveness of the BMPs. The purpose of the public education and outreach programs are to increase public knowledge regarding stormwater, change the behavior of the public, and reduce pollutants in the stormwater.

In implementing the Public Education and Outreach program, Gilbert will target at least one of the following groups within the community at large:

- General Public (private citizens)
- Home and Landowners
- Schools

In addition, the Public Education and Outreach Program will target at least one of the following groups within the business sector:

- Developers/ Contractors/Property Managers
- Homeowner and Neighborhood Associations
- Construction Site Operators and Supervisors
- Commercial and Industrial Businesses and their owners

In targeting the different sectors of the public, MCM 1 will strive for the maximum value and impact. According to the US Census Bureau, the general public demographics for Gilbert include:

- The average household size is 3.11 persons per household.
- 45% of residents over the age of 25 have a bachelor's degree or higher.
- The median household income is \$99,154.
- 82% of the population is White, while Hispanic or Latino make up 17% of the population.
- 99%of households have a computer with 96% having internet connection.

In providing the demographics noted above implementation of MCM-1 can tailor both the message relayed and the material distributed to the target audience. In so doing, the public is better informed about the importance of stormwater quality, and as a result, is more likely to support the efforts of the Town. Methods will be developed to evaluate the effectiveness of the educational and outreach programs and tied to the defined goals of the program.

### 3.2 SELECTED BMPs

Gilbert has evaluated the public education and outreach component of their stormwater program and has identified BMPs to better inform the residents and

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businesses of the importance of preventing stormwater pollution. The selected BMPs are summarized in [Table 3-1](#) with a description of each BMP provided in this section. Detailed BMP information is provided in **Appendix B**.

TABLE 3-1 – SUMMARY OF MCM 1 BMPs

BMP	Description
MCM 1.1	Educational Materials
MCM 1.2	Educational Events
MCM 1.3	Stormwater Webpage
MCM 1.4	Regional Coordination

### MCM 1.1 EDUCATIONAL MATERIAL

**Description:** Gilbert staff will promote an education program that increases the public’s knowledge of stormwater quality and stormwater pollution prevention.

**Responsible Department(s):**

Public Works Environmental Compliance Division  
 Development Services Engineer Planning Division

**Measurable Goals:** Gilbert will develop, distribute and make available electronically, education materials that focus on stormwater quality and pollution prevention. Brochures will be made available on the [stormwater webpage](#) and in printed form. Additional educational and stormwater related resource material will be provided in the form of on-line links. Topics addressed by the educational materials will include but are not limited to lawn care, pet waste, restaurants, small businesses, agricultural farmers, developers, construction, recreational water usage, and the general public pollution prevention.

Materials distributed to the public will be tracked. The materials will also be annually evaluated and when necessary modified. The types and quantities of education materials distributed will be summarized as part of the Annual Report. The number of materials accessed electronically will also be tracked and recorded. Revisions to the education material will also be documented as well as any feedback regarding their effectiveness.

**Target Group:** General Public (Homeowners, Business Owners, Contractors). Note: Additional target groups will be included in the distribution efforts when available.

**Metrics:** The quantity of education materials distributed will be tracked and reported. Additionally, the material medium or type, the general information it contained, the target group who received the message, and how it was distributed will be tracked. Any revisions to the educational materials will be documented. The documented measures will be reported as of the Annual Report during each permit year.

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## MCM 1.2 EDUCATIONAL EVENTS

**Description:** Gilbert staff will participate in educational events that provide opportunities to increase knowledge on stormwater related topics and distribute the education materials prepared as part of MCM 1.1.

**Responsible Department(s):**

Public Works Environmental Compliance Division

**Measurable Goals:** Gilbert staff will participate in a minimum of two educational events during the permit year. These events can include community festivals, workshops and/or open houses. Because events may vary over the Permit term, Gilbert, at its discretion, may take advantage of these new opportunities. As such the events attended may vary yearly. The number of events, name/type of event, total number of event attendees, total number of persons meeting with staff persons will be documented.

**Target Group:** General Public (Homeowners, Business Owners, Contractors).

**Metrics:** The number of events, name/type of event, total number of event attendees, total number of persons meeting with staff persons will be reported as part of the Annual Report during each permit year.

## MCM 1.3 STORMWATER WEBPAGE

**Description:** Gilbert staff has created and will maintain a dedicated [stormwater webpage](#) to promote education and communication on stormwater related topics.

**Responsible Department(s):**

Public Works Environmental Compliance Division  
Information Technology Geographic Information Services Division

**Measurable Goals:** Gilbert's stormwater webpage will be reviewed and/or periodically updated to provide information on stormwater related topics. The webpage will contain an electronic copy of the Stormwater Management Plan, the Town's Notice of Intent (NOI) to discharge and the Annual Report as required by ADEQ. Additionally, a link to the STORM website is provided as another vehicle for getting stormwater related information to the public. The webpage will provide the general public the ability to request a stormwater presentation or have a post-construction stormwater pollution prevention plan completed. Educational material developed in MCM 1-1 above is included on the webpage as well. The website also contains a complaint and investigations page where residents can update information concerning stormwater quality or report a potential illicit discharge. Number of annual website visitors, the number of total page views, number of material downloads and the number and date of website updates will be documented. Updates made to the website during the permit year will be documented.

**Target Group:** General Public (Homeowners, Business Owners, Contractors).

**Metrics:** Number of annual website visitors, the number of total page views, number of material downloads and the number and date of website updates will be tracked. The results will be reported within the Annual Report during each permit year. Any revisions to the webpage during the permit year will also be discussed.

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## **MCM 1.4 REGIONAL COORDINATION**

**Description:** Gilbert staff will participate in regional coordination efforts promoting greater public education and outreach. Gilbert has also developed a program that encourages businesses to get involved in stormwater quality and stormwater pollution prevention.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** Gilbert has partnered with the Phoenix area STORM program, a public education-based group of communities that are committed to developing stormwater related radio ads, TV ads, billboards, handouts, brochures, etc. Gilbert's partnership with STORM supplements the town's efforts to provide a more comprehensive outreach program. The number of STORM events attended or that Gilbert staff participated in will be documented.

Gilbert has developed the [Green Gilbert Partnership Program](#) that allows businesses to get involved in stormwater quality and stormwater pollution preventions. The number of businesses that enroll in the partnership program during a given permit year will be documented.

**Target Group:** Business Owners

**Metrics:** The number of STORM events attended by Gilbert staff and the number of businesses enrolled in the Green Gilbert Partnership Program will be reported within the Annual Report during each permit year.

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## SECTION 4 MCM 2 PUBLIC PARTICIPATION AND INVOLVEMENT

### 4.1 OVERVIEW

As an extension of MCM 1, the Town of Gilbert (Gilbert) will implement a public participation and involvement program that provides opportunities to engage the public and promote stormwater quality within the MS4 (Section 6.2 of the General Permit [AZG2021-002](#)). Gilbert also recognizes that the public’s involvement in the process of developing the Town’s SWMP is crucial for developing support by the citizenry and is ultimately tied to the success of the SWMP. To that end Gilbert will encourage the public to take a vested interest in stormwater quality programs by being an active participant in the development of the town’s SWMP.

Stormwater meetings and events will be publicized and open to the public to promote and encourage participation.

### 4.2 SELECTED BMPs

In meeting the requirements stated in Section 6.2 and understanding their community, the Town of Gilbert has developed a series of best management practices for implementation. The selected BMPs are summarized in [Table 4-1](#) with a description of each BMP provided in this section. Detailed BMP information is provided in [Appendix C](#).

TABLE 4-1 - SUMMARY OF MCM 2 BMPs

BMP	Description
MCM 2.1	Community Hotline
MCM 2.2	Community Email
MCM 2.3	Stormwater Webpage
MCM 2.4	Educational Events
MCM 2.5	Local Outreach
MCM 2.6	Volunteer Opportunities
MCM 2.7	Regional Coordination
MCM 2.8	Public Review Program
MCM 2.9	Public Stenciling Program

#### MCM 2.1 COMMUNITY HOTLINE

**Description:** To promote Public Participation and Involvement, the Town of Gilbert will make available, through its website a phone number such that the general public can use it to report illicit discharges or make general stormwater management plan inquiries.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** The number of calls and the type of inquiry (violation reporting or general question) received will be tracked and documented.

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**Target Group:** General Public

**Metrics:** The total number of calls received through the hotline will be reported in the Annual Report. The types of inquiries will be summarized and reported.

### **MCM 2.2 COMMUNITY EMAIL**

**Description:** To promote Public Participation and Involvement, the Town of Gilbert will provide via its webpage a link to an email address such that the general public can use to report illicit discharges or make general stormwater management plan inquiries.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** The number of calls and the type of inquiry (violation reporting or general question) received will be tracked and documented.

**Target Group:** General Public

**Metrics:** The total number of emails received through the community email will be reported in the Annual Report. The types of inquiries will be summarized and reported.

### **MCM 2.3 STORMWATER WEBPAGE**

**Description:** Gilbert staff has created and will maintain a dedicated [stormwater webpage](#) to promote education and communication on stormwater related topics.

**Responsible Department(s):**

Public Works Environmental Compliance Division/ Environmental Compliance Coordinator

Information Technology Geographic Information Services Division/Webmaster

**Measurable Goals:** Gilbert's stormwater webpage will be reviewed and/or periodically updated to provide information on stormwater related topics. The webpage will contain an electronic copy of the Stormwater Management Plan, the Town's Notice of Intent (NOI) to discharge and the Annual Report as required by ADEQ. Additionally, a link to the STORM website is provided as another vehicle for getting stormwater related information to the public. The webpage will provide the general public the ability to request a stormwater presentation or have a post-construction stormwater pollution prevention plan completed. Educational material developed in MCM 1-1 above is included on the webpage as well. The website also contains a complaint and investigations page where residents can update information concerning stormwater quality or report a potential illicit discharge. Number of annual website visitors, the number of total page views, number of material downloads and the number and date of website updates will be documented.

**Target Group:** General Public (Homeowners, Business Owners, Contractors).

**Metrics:** Number of annual website visitors, the number of total page views, number of material downloads and the number and date of website updates will be tracked. The results will be reported within the Annual Report during each permit year. Any revisions to the webpage during the permit year will also be discussed.

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## MCM 2.4 EDUCATIONAL EVENTS

**Description:** To promote Public Participation and Involvement, Gilbert staff will participate in educational events that provide opportunities to increase knowledge on stormwater related topics and distribute the education materials prepared as part of MCM 1.1.

**Responsible Department(s):**

Public Works Environmental Compliance Division

**Measurable Goals:** Gilbert staff will participate in a minimum of two educational events during the permit year. These events can include community festivals, workshops and/or open houses. Because events may vary over the Permit term, Gilbert, at its discretion, may take advantage of these new opportunities. As such the events attended may vary yearly. The number of events, name/type of event, total number of event attendees, and total number of persons meeting with staff will be documented.

**Target Group:** General Public (Homeowners, Business Owners, Contractors).

**Metrics:** The number of events, name/type of event, total number of event attendees, total number of persons meeting with staff persons will be reported as part of the Annual Report during each permit year.

## MCM 2.5 LOCAL OUTREACH

**Description:** To promote Public Participation and Involvement, Gilbert staff will develop a local outreach program that meets with a percentage of the homeowner's associations and local business on an annual basis.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** Gilbert staff will engage with the public as part of a local outreach program geared toward promoting stormwater quality and discussing the SWMP. The goal for this CMP is to meet with twenty (20%) of the HOAs and ten (10%) of the local business located within the incorporated limits. The number of outreach events involving HOAs and the number of outreach events involving local businesses will be tracked. The topics of discussion will be summarized and documented.

**Target Group:** General Public

**Metrics:** The number of events and groups involved will be documented as part of the Annual Report for the given permit year. The topics discussed will be summarized as part of the Annual Report documentation for this BMP.

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## MCM 2.6 VOLUNTEER OPPORTUNITIES

**Description:** To promote Public Participation and Involvement, Gilbert staff will develop a program that promotes stormwater quality volunteer opportunities.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** During the permit year, Gilbert staff will research, organize and coordinate a minimum of one (1) volunteer opportunity that engages the community and promotes storm water quality and reduce stormwater pollution.

**Target Group:** General Public

**Metrics:** The number of events and groups involved will be documented as part of the Annual Report for the given permit year. The topics discussed will be summarized as part of the Annual Report documentation for this BMP. The target groups may include the Boy and Girl Scouts of America, church groups and/or other philanthropic organizations.

## MCM 2.7 REGIONAL COORDINATION

**Description:** To promote Public Participation and Involvement, Gilbert staff will participate in regional coordination efforts promoting greater public education and outreach. Gilbert has also developed a program that encourages businesses to get involved in stormwater quality and stormwater pollution prevention.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** Gilbert has partnered with the Phoenix area STORM program, a public education-based group of communities that are committed to developing stormwater related radio ads, TV ads, billboards, handouts, brochures, etc. Gilbert's partnership with STORM supplements the town's efforts to provide a more comprehensive outreach program. The number of STORM events attended or that Gilbert staff participated in will be documented.

Gilbert has developed the [Green Gilbert Partnership Program](#) that allows businesses to get involved in stormwater quality and stormwater pollution prevention. The number of businesses that enroll in the partnership program during a given permit year will be documented.

**Target Group:** Business Owners

**Metrics:** The number of STORM events attended by Gilbert staff and the number of businesses enrolled in the Green Gilbert Partnership Program will be reported within the Annual Report during each permit year.

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## **MCM 2.8 PUBLIC REVIEW PROGRAM**

**Description:** To promote Public Participation and Involvement, The Town of Gilbert will promote Public Participation and Involvement in the review of the Town's Stormwater Management Plan, Annual Report and Notice of Opportunity to Discharge (NOI).

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** The SWMP, NOI and Annual Reports will be posted on the [stormwater webpage](#) year round. The Town will promote a 30-day timeframe for the public to review the SWMP and the NOI at the start of the permit year in the event that revisions to either document are made. The Annual Report will be made available following September 30<sup>th</sup> of the Permit Year. Comments made with regard to the Annual Report will be considered with the submittal of the following year's Annual Report.

**Target Group:** General Public

**Metrics:** The number of comments on the three documents received during the permit year will be reported annually. The types of comments will be summarized and reported.

## **MCM 2.9 PUBLIC STENCILING PROGRAM**

**Description:** To promote Public Participation and Involvement, the Town of Gilbert has developed a storm drain stenciling program.

**Responsible Department:**

Public Works Environmental Compliance Division  
Public Works Streets Division

**Measurable Goals:** Using the [stormwater webpage](#) the Town of Gilbert will allow the public to make inquiries about storm drain label stenciling. The number of inquiries regarding the program will be tracked annually.

**Target Group:** General Public

**Metrics:** The number of inquiries regarding the storm drain stencil program will be documented and reported as part of the Annual Report for the Permit Year.

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## SECTION 5 MCM 3 ILLICIT DISCHARGE AND ELIMINATION PROGRAM (IDDE)

### 5.1 OVERVIEW

The third mandated minimum control measure (MCM 3) includes developing, implementing, evaluating and updating a program to detect and eliminate illicit and non-stormwater discharges to the small municipal separate storm sewer systems (MS4) as required in Section 6.3 of the General Permit [AZG2021-002](#). This program is commonly referred to as an Illicit Discharge Detection and Elimination program, or IDDE.

The objectives of the IDDE program are to systematically find and eliminate sources of non-stormwater discharges to the (MS4) and to implement procedures to prevent illicit connections and discharges. The main components of the program used in meeting these objectives are:

- Outfall and storm sewer system inventorying
- Visual Dry Weather Outfall Monitoring of outfalls locations
- Visual Wet Weather Discharge Monitoring of outfalls locations
- Follow-up monitoring/inspections at outfalls points where identified or suspected illicit discharges were observed.
- Tracking sources of potential illicit discharges
- Legal Enforcement of the IDDE Program

As part of the IDDE Program, standardized forms will be used by the Town of Gilbert (Gilbert) staff to document the Visual Monitoring efforts and IDDE Investigations. Templates are provided in **Appendix L** of this report. Completed forms will also be stored in Appendix L. In addition, Gilbert Environmental Compliance Division will annually evaluate and will update the IDDE program as necessary to comply with the revised General Permit. Ongoing staff training will ensure that the processes developed as part of the IDDE are explained and reinforced such that they can be properly implemented through the permit term.

### 5.2 ALLOWABLE NON-STORMWATER DISCHARGES

Non-stormwater discharges allowed under [General Permit No. AZG2016-002](#), Section 6.6 that are not considered “illicit” include:

- water line flushing
- landscape irrigation
- diverted stream flows
- rising ground waters
- uncontaminated groundwater 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
- individual residential car washing
- discharges from riparian habitats and wetlands
- dechlorinated swimming pool discharges
- street wash water
- discharge or flows from emergency firefighting activities
- discharges from municipal wells
- discharges authorized by another NPDES or AZPDES permit

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Gilbert Environmental Compliance Division (Division) has reviewed the above discharges and determined that they are not significant contributors of pollutants to waters of the United States. The Division also reviewed occasional incidental non-stormwater discharges such as charity car washes, etc. and determined they were not typically a significant contributor of pollutants. All discharges to and from the MS4, other than those named above and stormwater discharges, will be treated as potential illicit discharges until identified otherwise, as provided in Chapter 30, Article III, Section 30-54 of the Gilbert Town Code.

Gilbert, as part of the list of allowable discharges, includes the occasional, but scheduled, release of water from the domestic water well sites. Prior to the release of these discharges, the Gilbert Environmental Compliance Division will be notified such that staff can be on-hand at the time of the release.

### 5.3 OUTFALL LOCATIONS

Gilbert has identified thirteen (13) outfalls within its MS4 area. The runoff from ten (10) outfalls is discharged into the Eastern Maricopa Floodway (EMF) while the remaining three (3) discharge into the Western Canal. Having identified thirteen outfalls, the SWMP exceeds the number of outfalls required by Section 6.3.7d. A list of the identified outfalls is presented in [Table 5-1](#). A map depicting the locations of the thirteen (13) outfalls is presented on [Figure 4](#). In compliance with Section 6.3.7.b. of the General Permit, the Town will visually monitor a minimum of 20% of the outfalls annually.

TABLE 5-1 - SUMMARY OF IDENTIFIED OUTFALL LOCATIONS

No.	Outfall ID	Description	Longitude	Latitude
1	2033	Queen Creek @ Ranch House Rd.	-111.695	33.263
2	559	Queen Creek @ Recker Rd.	-111.703	33.263
3	107355	Sonoqui Wash @ Higley Rd.	-111.720	33.249
4	107333	Queen Creek Rd. @ Eastern Maricopa Floodway	-111.725	33.263
5	107740	Sonoqui Wash west of Soboba Rd.	-111.712	33.249
6	107744	Sonoqui Wash @ Soboba Rd.	-111.707	33.249
7	111035	Queen Creek east of Ranch House Rd.	-111.692	33.265
8	111976	Western Canal @ Lindsay Rd.	-111.774	33.357
9	112226	Riggs Rd. @ Eastern Maricopa Floodway	-111.738	33.219
10	113137	Sonoqui Wash @ Recker Rd.	-111.703	33.249
11	101409	Western Canal north of Hearn Wy.	-111.786	33.357
12	111973	Western Canal @ Gilbert Ln.	-111.789	33.357
13	115112	Western Canal @ Neeley St.	-111.797	33.357

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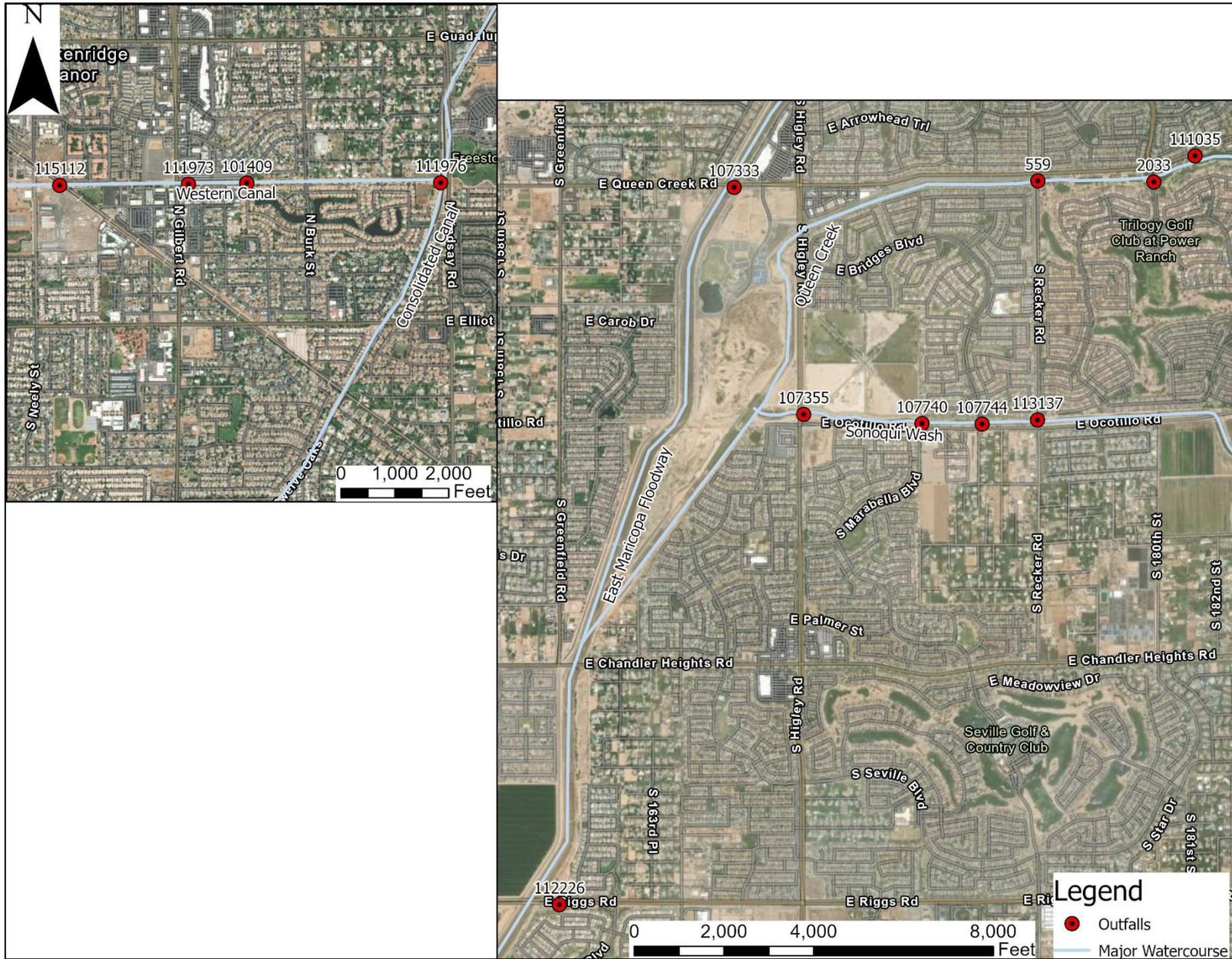


Figure 4: Outfall Mapping

## 5.4 SELECTED BMPs

The Town of Gilbert (Gilbert) has selected a series of best management practices (BMPs) that are intended to meet the requirements specified in Section 6.3 of the Permit. A list of the BMPs is presented in [Table 5-2](#). While the BMPs used to comply with the requirements are explained in detail in **Appendix D**, a brief summary of each is provided below.

TABLE 5-2 - SUMMARY OF MCM 3 BMPs

BMP	Description
MCM 3.1	Storm Sewer System Mapping
MCM 3.2	Legal Authority Review
MCM 3.3	Visual Outfall Monitoring (Dry Weather)
MCM 3.4	Visual Outfall Monitoring (Wet Weather)
MCM 3.5	Illicit Discharge Identification and Elimination
MCM 3.6	Unpermitted Facilities
MCM 3.7	IDDE Staff Training
MCM 3.8	Illicit Discharge On-line Reporting
MCM 3.9	Rain Gage Installation

### MCM 3.2 STORM SEWER SYSTEM MAPPING

**Description:** Gilbert will update the storm sewer system map to reflect new public and private structures constructed during the permit year

**Responsible Department:**

Public Works Environmental Compliance Division  
Information Technology GIS Division

**Measurable Goals:** GIS features, reflecting the new infrastructure, will be added into Gilbert’s existing storm sewer system map following final inspections and submittal of As-Built information. Map of the current MS4 infrastructure is provided in **Appendix A**. During the permit year, features may be added and/or revised. As part of the annual review of the SWMP, the map will be evaluated to ensure it reflects the added drainage infrastructure.

**Metrics:** Number of structures added will be documented on the Annual Report.

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### **MCM 3.2      LEGAL AUTHORITY REVIEW**

**Description:** Gilbert will review and update procedures to ensure they are compliant with the new permit.

**Responsible Department:**

Public Works Environmental Compliance Division  
Town of Gilbert Office of the Town Attorney

**Measurable Goals:** Review the Town Code and Town Ordinances as part of the annual review of the SWMP.

**Metrics:** The occurrence of review will be documented and noted in the Annual Report. Any revisions to the Code will be summarized.

### **MCM 3.3      VISUAL OUTFALL MONITORING (DRY WEATHER)**

**Description:** Gilbert staff will conduct an annual monitoring of the outfalls during dry weather periods with the intent of eliminating potential illicit discharges.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** Annual dry-weather monitoring of outfalls will occur throughout the year with the goal of monitoring a minimum of 20% of the outfalls during a given permit year. Additional monitoring may occur in response to a filed complaint. The dry-weather monitoring efforts will be documented using a standardized form created as part of the SMWP (Appendix L).

**Metrics:** The number of visual monitoring efforts (routine, complaint response, or follow-up) will be documented on the Annual Report.

### **MCM 3.4      VISUAL OUTFALL MONITORING (WET WEATHER)**

**Description:** Gilbert staff will conduct an annual monitoring of the outfalls during wet-weather periods with the intent of eliminating potential illicit discharge and qualitatively assessing storm water quality.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** Annual wet-weather monitoring of outfalls will occur throughout the year with the goal of monitoring a minimum of twenty percent (20%) of the outfalls during a given permit year. Additional monitoring may occur in response to a filed complaint. The wet-weather monitoring efforts will be documented using a standardized form created as part of the SMWP (Appendix L).

**Metrics:** The number of visual monitoring efforts (routine, complaint response, or follow-up) will be documented on the Annual Report.

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### **MCM 3.5 ILLICIT DISCHARGE IDENTIFICATION AND ELIMINATION**

**Description:** Gilbert will implement a process to detect and eliminate illicit discharges and unpermitted connections to the MS4.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** Gilbert staff will investigate all reports of potential illicit discharges or storm water quality violations that were brought to the attention of staff during the permit year. The investigations will be documented using a standardized form created as part of the SMWP (Appendix L).

**Metrics:** The number of inspections will be documented in the Annual Report for the permit year. Follow-up actions will be summarized and provided as part of the Annual Report documentation.

### **MCM 3.6 UNPERMITTED FACILITIES**

**Description:** Gilbert staff will identify unpermitted facilities and/or activities that are located in or discharge to the MS4.

**Responsible Department:**

Public Works Environmental Compliance Division  
Business Licensing Department

**Measurable Goals:** Gilbert staff will audit up to twelve (12) qualified construction sites during the permit year to verify they have a Construction General Permit (CGP). Gilbert staff will audit new industrial facilities during the process of obtaining a business license to determine if the facilities are engaged in an industrial activity and would need coverage under a non-mining, multi-sector, general permit (MSGP). The number of construction sites and industrial sites found to be without a CGP or a MSGP will be tracked throughout the year. This information will be documented in the Annual Report for a given permit year.

**Metrics:** The number of construction sites audited will be tracked through the year. The number of potential industrial facilities will be tracked throughout the year. The number of construction sites and industrial sites found to be without a CGP or a MSGP general permit will be documented. The information collected will be documented on the Annual Report for the given permit year.

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### **MCM 3.7 IDDE STAFF TRAINING**

**Description:** The Public Works Environmental Compliance Division will implement an annual program to train staff on the IDDE Program.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** During the course of the year, Gilbert staff, who have been tasked with implementing an aspect of the SWMP, will receive a minimum of one SWMP/IDDE training session. Training may be conducted in-house by qualified personnel or by an outside 3<sup>rd</sup> party. In-house training will be tracked using a standardized form provided in Appendix L of this document. Third-party training will be tracked through the receipt of training certificates.

**Metrics:** The number of attendees trained, and a summary of the training topics will be documented in the Annual Report for the given permit year.

### **MCM 3.8 ILLICIT DISCHARGE ON-LINE REPORTING**

**Description:** Gilbert staff will develop and maintain measures that the public can use to report a potential illicit discharge or a stormwater violation.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** The stormwater webpage will contain an on-line reporting form, a hotline number and an email address that will allow the public the means to report potential illicit discharges or a stormwater violation. Access to the website will be available through the permit term. All reports will be investigated in accordance with MCM 3.5

**Metrics:** The number of potential illicit discharge/stormwater violations reported, and the means used for the report will be documented in the Annual Report for the given permit year.

### **MCM 3.9 RAIN GAGE INSTALLATION**

**Description:** In order to better determine a qualifying storm event, during the course of the permit term, a rain gage will be installed within the fleet service yard.

**Responsible Department:**

Public Works Environmental Compliance Division  
Public Works Streets Division

**Measurable Goals:** The initial measurable goal will be the installation of a rain gage, which will alert a member of the Environmental Compliance Division of a potential qualifying storm. Once installed, the future measurable goal will be the tracking on the annual maintenance effort.

**Metrics:** The initial installation date will be documented as part of the Annual Report for the permit year in which it was installed. In subsequent permit years, dates that scheduled annual maintenance occurred will be documented in the Annual Report.

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## SECTION 6 MCM 4 CONSTRUCTION ACTIVITY STORMWATER RUNOFF MANAGEMENT CONTROL

### 6.1 OVERVIEW

Section 6.4 of the General Permit [AZG2021-002](#) (Permit) outlines the requirements for the implementation of control measures to prevent illicit discharges and pollutants from stormwater runoff generated from construction activities from being discharged into The Town of Gilbert's (Gilbert) small municipal separate storm sewer systems (MS4). To comply with the requirements presented in Section 6.4, the SWMP must include the following minimum control measures (MCM).

- An ordinance or other regulatory mechanism that requires the use of sediment and erosion control practices.
- An inventory of all construction activities that disturb or will disturb one (1) or more acres within the permitted area, including those that are less than one (1) acre but are part of a larger common plan of development that will ultimately disturb greater than one (1) acre.
- Written procedures for site inspections and enforcement of sediment and erosion control measures.
- Inspection frequency based on the following:
  - Phase of construction
  - Proximity to an impaired, not-attaining water or Outstanding Arizona Water
  - Size of the construction activity (acreage disturbed)
  - History of non-compliance (site or operator)
- Requirements to take all necessary follow-up actions to ensure compliance.
- Requirements for construction operators to implement sediment and erosion control BMPs appropriate for the conditions at the construction activity.
- Requirements to control wastes such as discarded building materials, paints, fertilizers, concrete wash out, chemicals, litter, and sanitary wastes.
- Written procedures for site plan review.

In addition to the above, Gilbert's SWMP provides education materials to contractors and construction personnel on erosion and sediment control best management practices. In addition, as part of the MCM 2 (SWMP Section 4) the public is allowed to submit information and considerations for inclusion in Construction Activity Stormwater Runoff Control during the annual review period.

### 6.2 LEGAL AUTHORITY

The requirement for construction sites to comply with rules and regulations associated with the AZPDES is presented in [Gilbert Town Code Article III Section 30-56](#).

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### 6.3 INSPECTION FREQUENCY

Gilbert inspectors will inspect 100% of the construction sites and construction activities. The frequency of the inspections is based on the requirements presented in Section 6.4.f of the Permit as listed below. Note: More frequent inspections can be scheduled for sites and operators that have a history of non-compliance. Compliance during the permit term shall be achieved by performing at least 80% of the scheduled inspections.

#### GOAL FOR PRIVATE DEVELOPMENT PROJECTS:

For sites disturbing 1 acre or more and within ¼ mile of an impaired, not attaining, or protected surface water

- Weekly and, within 24 hours of a storm event having a precipitation amount of 0.5 inches in a 24-hour period.

For sites not meeting the above

- Within 1 month of the start of construction,
- and quarterly thereafter,
- and upon completion of construction prior to final approval or occupancy

#### GOAL FOR CAPITAL IMPROVEMENT PROJECTS (CIP):

For sites disturbing 1 acre or more and within ¼ mile of an impaired, not attaining, or protected surface water

- Weekly and, within 24 hours of a storm event having a precipitation amount of 0.5 inches in a 24-hour period.

For sites not meeting the above

- Within 1 month of the start of construction,
- and quarterly thereafter,
- and upon completion of construction prior to final approval or occupancy

### 6.4 SELECTED BMPS

In order to meet the requirements in Section 6.4, the Town of Gilbert (Town) has evaluated the construction activity stormwater runoff control component of their stormwater program and has identified best management practices (BMPs) to better educate contractors and construction site operators of the importance of preventing stormwater pollution and to inspect construction sites and construction activities to ensure compliance with the Town Codes and Ordinances. The selected BMPs are listed in Table 6-1 with a summary of each BMP provided in this section. Detailed BMP information is provided in **Appendix E**.

TABLE 6-1 - SUMMARY OF MCM 4 BMPS

BMP	Description
MCM 4.1	Construction Site Inventory
MCM 4.2	Site Plan Review
MCM 4.3	Contractor and Operator Educational Materials
MCM 4.4	Staff Training
MCM 4.5	Inspection and Enforcement Procedures

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### **MCM 4.1 CONSTRUCTION INVENTORY**

**Description:** Gilbert staff will prepare and maintain an up-to-date inventory of active construction sites and construction activities located within the town limits.

**Responsible Department:**

Public Works Environmental Compliance Division  
Development Services Engineer Plan Review Department

**Measurable Goals:** One hundred percent (100%) of the construction projects will be entered into the Lucity tracking software.

**Metrics:** Number of active construction sites during the permit year will be documented on the Annual Report.

### **MCM 4.2 SITE PLAN REVIEW**

**Description:** Gilbert staff will develop and implement a plan review process for reviewing civil plans to ensure compliance with the ADEQ's AZPDES CGP, General Permit [AZGS2021](#), [Gilbert Municipal Code Article III](#) and [Town Ordinance 1590](#).

**Responsible Department:**

Public Works Environmental Compliance Division  
Development Services Department Engineer Plan Review Division

**Measurable Goals:** As part of the site plan review process, Gilbert Development Services Engineering Plan Review Department will require a copy of a Stormwater Pollution Prevention Plan (SWPPP) for sites where construction activities will disturb one (1) or more acres or will disturb less than one (1) acre but is part of a larger common plan of development or sale if the larger plan will ultimately disturb more than 1 acre. For small sites, an Erosion Control Plan (ECP) will be required and will be reviewed. Gilbert will review one hundred percent (100%) of the SWPPP for eligible sites and will collect and review 100% of the ECP for smaller sites.

**Metrics:** Number of plan reviews entered into Lucity will be tracked. The number of SWPPPs received will be tracked. The number of ECPs reviewed will be tracked. The data will be documented in the Annual Report.

### **MCM 4.3 CONTRACTOR AND OPERATOR EDUCATION MATERIALS**

**Description:** Gilbert staff will develop/catalogue and distribute educational materials with specific messaging for contractors and construction site operators.

**Responsible Department:**

Public Works Environmental Compliance Division  
Development Services Engineer Plan Review Department

**Measurable Goals:** Educational materials will be available throughout the year through the [stormwater web page](#). Material will be distributed to contractors and construction site operators as part of the plan review process.

**Metrics:** The number of materials distributed or accessed during the permit year will be documented in the Annual Report.

### **MCM 4.4 STAFF TRAINING**

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**Description:** The Town of Gilbert will implement a training program that provides training opportunities for staff. Training may be conducted in-house by qualified personnel or through a 3<sup>rd</sup> party vendor such as Neogov.

**Responsible Department:**

Public Works Environmental Compliance Division  
Development Services Department Inspection and Code Compliance Division

**Measurable Goals:** One hundred percent (100%) of the staff involved in reviewing civil plans and conducting stormwater quality specific inspections on construction sites will be trained on an annual basis throughout the permit term. The number of attendees trained will be documented using the form provided in **Appendix L** or through participation certificates issued by the 3<sup>rd</sup> party.

**Metrics:** The number of persons trained will be tracked. A summary of the training topics will be tracked. The data used to track the training program will be documented as part of the Annual Report for the permit year.

### **MCM 4.3 INSPECTIONS AND ENFORCEMENT PROCEDURES**

**Description:** Gilbert staff will conduct inspections of construction sites and construction activities at frequencies specified in **Section 6.2**.

**Responsible Department:**

Public Works Environmental Compliance Division  
Development Services Department Inspection and Code Compliance Division

**Measurable Goals:** Inspections will be conducted on 100% of the construction sites active during the permit year with the goal of achieving at least 80% of the scheduled inspections annually. The inspections will be documented using the form provided in **Appendix L**.

**Metrics:** The number of sites inspected, and the frequency of the inspections will be documented as part of the Annual Report for the permit year.

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## SECTION 7 MCM 5 POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

### 7.1 OVERVIEW

Section 6.5 of the General Permit [AZG2021-002](#) (Permit) outlines the requirements for minimum control measures (MCM) used in developing, implementing, and enforcing a program that addresses post-construction stormwater stemming from new development and redevelopment projects. It is the intent of the MCM to prevent stormwater pollutants generated by private sector and public sector facilities from being discharged into the Town of Gilbert's (Gilbert) small municipal separate storm sewer systems (MS4). The program will include;

- An ordinance or other regulatory mechanisms(s) that requires owners of new development and redevelopment that discharge into the MS4 to design, implement, and maintain post-construction stormwater controls to reduce or eliminate the discharge of pollutants from their site.
- An inventory of post-construction stormwater control measures installed and implemented at both public and private new development or redevelopment sites.
- Processes to review civil plans to evaluate and approve post-construction stormwater controls.
- Processes, procedures or provisions for inspecting post-construction stormwater BMPs to ensure their long-term operation and maintenance.

In addition to the above, Gilbert will provide staff training for both reviewers and inspectors and provide materials to the site operators and the general public to educate them on stormwater quality and the reduction of pollutants into the MS4.

### 7.2 LEGAL AUTHORITY

The requirement for construction sites to comply with rules and regulations associated with the AZPDES is presented in [Gilbert Town Code Article III Section 30-57](#).

### 7.3 SELECTED BMPS

Upon evaluating its post-construction stormwater management program in new development and redevelopment, Gilbert has selected the following BMPs to address post-construction stormwater (Table 7-1). A summary description of each BMP is provided in this section. Detailed BMP information is provided in **Appendix F**.

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TABLE 7-1 - SUMMARY OF MCM 5 BMPs

BMP	Description
MCM 5.1	Stormwater Control Measures Inventory
MCM 5.2	Site Plan Review
MCM 5.3	Inspection and Enforcement Procedures
MCM 5.4	Staff Training
MCM 5.5	Post-Construction Education Materials

### MCM 5.1 STORMWATER CONTROL MEASURES INVENTORY

**Description:** Gilbert staff will prepare and maintain an up-to-date inventory of post-construction stormwater control measures located within the town limits.

**Responsible Department:**

Public Works Environmental Compliance Division  
 Development Services Engineer Plan Review Department

**Measurable Goals:** One hundred percent (100%) of the construction projects will be entered into the Lucity tracking software.

**Metrics:** Number of active construction sites during the permit year will be documented on the Annual Report.

### MCM 5.2 SITE PLAN REVIEW

**Description:** Gilbert staff will develop and implement a plan review process for reviewing civil plans to ensure compliance with the ADEQ’s AZPDES CGP, General Permit [AZGS2021](#), [Gilbert Municipal Code Article III](#) and [Town Ordinance 1590](#).

**Responsible Department:**

Public Works Environmental Compliance Division  
 Development Services Department Engineer Plan Review Division

**Measurable Goals:** As part of the site plan review process, Gilbert Developments Services Engineering Plan Review Department will verify that post-construction stormwater control measures are incorporated into the plan and that recorded documents ensure the long-term maintenance of the measures by a named party. The recorded documents will specify that failure to maintain the measure will result in a notice of violation and that if Gilbert staff performs the maintenance, then incurred costs will be reimbursed by the named part.

**Metrics:** Number of plan reviews entered into Lucity will be documented in the Annual Report.

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### MCM 5.3 INSPECTIONS AND ENFORCEMENT PROCEDURES

**Description:** Gilbert staff will conduct inspections of publicly and, as necessary, privately owned and maintained stormwater control measures associated with new development and redevelopment projects.

**Responsible Department:**

Public Works Environmental Compliance Division  
Development Services Department Inspection and Code Compliance Division

**Measurable Goals:** Inspections will be conducted on at least 20% of publicly owned and maintained stormwater control measures annually. Inspections of privately owned and operated facilities will be facilitated from reports of stormwater quality violations or reports of potential illicit discharges. One hundred percent (100%) of these reports will be inspected. The inspections will be documented using the form provided in **Appendix L**.

**Metrics:** The number of inspections of publicly owned and operated stormwater control measures will be tracked. The number of inspections of privately owned and maintained stormwater quality measures will be tracked. A summary of maintenance on publicly owned stormwater control measures will be prepared. A summary of any corrective actions on privately owned and maintained stormwater control measures will be prepared. The data collected as part of MCM 5.3. will be documented as part of the Annual Report.

### MCM 5.4 STAFF TRAINING

**Description:** The Town of Gilbert will implement a training program that provides training opportunities for staff. Training may be conducted in-house by qualified personnel or through a 3<sup>rd</sup> party vendor such as Neogov.

**Responsible Department:**

Public Works Environmental Compliance Division  
Development Services Department Inspection and Code Compliance Division

**Measurable Goals:** One hundred percent (100%) of the staff involved in reviewing civil plans and inspecting stormwater control measures will be trained on an annual basis throughout the permit term. The number of attendees trained will be documented using the form provided in **Appendix L** or through participation certificates issued by the 3<sup>rd</sup> party.

**Metrics:** The number of persons trained will be tracked. A summary of the training topics will be tracked. The data used to track the annual training program will be documented as part of the Annual Report.

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## **MCM 5.6 POST-CONSTRUCTION EDUCATIONAL MATERIALS**

**Description:** Gilbert staff will develop/catalogue and distribute educational materials with specific messages for operators of new development and redevelopment, post-construction, stormwater control measures.

**Responsible Department:**

Public Works Environmental Compliance Division  
Development Services Engineer Plan Review Department

**Measurable Goals:** Educational Materials will be available throughout the year through the [stormwater web page](#). Material will be distributed to operators who maintain private stormwater control measures on an as needed basis.

**Metrics:** The number of materials distributed or accessed during the permit year will be documented in the Annual Report.

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## SECTION 8 MCM 6 POLLUTION PREVENTION PLAN AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

### 8.1 OVERVIEW

Section 6.6 of the General Permit [AZG2021-002](#) (Permit) outlines the requirements for minimum control measures (MCM) used in developing, implementing and maintaining a program that's goal is to prevent or reduce pollutant runoff from municipal operations and ultimately protect water quality of the runoff discharged into Town of Gilbert's (Gilbert) small municipal separate storm sewer systems (MS4).

In accordance with Section 6.6.2 the program will include:

- **Develop** an inventory of municipal operations.
- **Prioritize** risk of municipal facilities based on risk to discharge pollutants.
- **Implement** an inspection schedule based on prioritized risk ([Table 8.1](#)). A list of the site-specific risk rankings is provided in Appendix G.

TABLE 8-1 – INSPECTION SCHEDULE FOR MUNICIPAL OPERATIONS

Risk	Inspection Schedule
HIGH	4 TIMES/YEAR
MEDIUM	2 TIMES/YEARS
LOW	1 TIME/YEAR

- **Update** municipally owned or operated facilities priority status.
- **Modify** inspection frequency based on inspection findings.
- **Implement** stormwater controls to reduce or eliminate the discharge of pollutants.
- **Implement** an employee training program.
- **Develop** maintenance activities, maintenance schedules, and long-term inspection procedures.

### 8.2 MUNICIPAL FACILITIES

The Town of Gilbert will evaluate their municipal facilities that are not covered by a separate AZPDES permit (e.g., MSGP) to prioritize those facilities that will require site specific BMPs. The list of high-risk facilities is presented in [Table 8-2](#). A complete list of the facilities operated and maintained by the Town is provided in **Appendix G**.

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TABLE 8-2 – GILBERT HIGH RISK MUNICIPAL FACILITIES

Facility Names	Address
Household Hazard Waste (HHW) Facility	4760 S. Greenfield Rd.
South Area Service Center Yard (SASC)	4760 S. Greenfield Rd.
South Area Service Center Fleet	4760 S. Greenfield Rd.
North Area Service Center Fleet (NASC)	900 E. Juniper Ave.
North Water Treatment Plant	2865 E. Guadalupe Rd.
San Tan Vista Treatment Plant	3695 E. Ocotillo Rd.
Well Site 28	2820 E. Riggs Rd.
Neely Wastewater Treatment Plant	402 N. Neely St.
Fire Station #8	1095 E. Germann Rd.

8.3 SELECTED BMPs

The Town of Gilbert has evaluated the Pollution Prevention and Good Housekeeping for Municipal Operations component of their stormwater program and has identified BMPs to reduce stormwater pollution. The selected BMPs are summarized in [Table 8-3](#), with a description of each BMP provided in this section. The site specific BMPs are presented in detail in [Appendix G](#).

TABLE 8-3 - SUMMARY OF MCM 6 BMPs

BMP	Description
MCM 6.1a	Inventory of Municipal Operations and Facilities
MCM 6.1b	Prioritization of Municipal Operations and Facilities
MCM 6.2	Site-specific Storm Water Pollution Prevention Plans (High and Medium Risk Sites)
MCM 6.3	Good Housekeeping Operations for Low-Risk Municipal Facilities and Operations
MCM 6.4	Municipal Operation and Facility Inspections
MCM 6.5	Street Sweeping
MCM 6.6	Stormwater Infrastructure Maintenance and Cleaning Program
MCM 6.7	Drywell Inspection and Maintenance Program
MCM 6.8	Pollution Prevention Measures – Municipal Maintenance Activities
MCM 6.9	Staff Training

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## **MCM 6.1A INVENTORY OF MUNICIPAL OPERATIONS AND SITE INSPECTIONS**

**Description:** Gilbert staff will prepare and maintain an updated inventory of municipal facilities and operations that may have the potential to discharge to the MS4. The inventory will be compiled as a list and also presented as a GIS Shapefile placed on a map.

**Responsible Department:**

Public Works Environmental Compliance Division  
Public Works Engineering Services Division  
Information Technology Department Geographic Information Services Division

**Measurable Goals:** The map and/or list will be updated to reflect new municipal facilities constructed or redeveloped during the year, as well as any existing facility that was not previously identified.

**Metrics:** The number of facilities, and types of facilities added to the map will be tracked will be documented as part of the Annual Report for the permit year.

## **MCM 6.1B PRIORITIZATION OF MUNICIPAL OPERATIONS**

**Description:** Gilbert staff will review the inspection records, type of operation and potential risk to discharge pollutants to the MS4 of all the municipal facilities and prioritize the list ranking them high risk, medium risk and low risk such that a routine inspection schedule of each facility can be established.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** The map and/or list of the facilities will be updated to reflect new site prioritization and when the prioritization of a previously identified site has been revised. The number and types of revisions will be tracked. The data collected as part of MCM 6.1b will be documented as part of the Annual Report for the permit year.

**Metrics:** The number of revisions made to the map and/or list made during the permit year will be documented in the Annual Report.

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## **MCM 6.2 SITE-SPECIFIC STORM WATER POLLUTION PREVENTION PLANS (HIGH AND MEDIUM RISK FACILITIES)**

**Description:** Gilbert staff will develop, implement and maintain site-specific Stormwater Pollution Prevention Plans (SWPPP) for high and medium risk municipal operations.

**Responsible Department:**

Public Works Environmental Compliance Division  
Public Works Engineering Services Division  
Public Works Household Hazardous Waste  
Public Works Streets Division  
Public Works Water and Wastewater Divisions

**Measurable Goals:** Within the permit year, SWPPs for new sites will be prepared. New SWPPs will be added to **Appendix M**.

**Metrics:** SWPPs and the name and location of the sites for which the SWPPP was prepared will be documented as part of the Annual Report for the permit year.

## **MCM 6.3 GOOD HOUSEKEEPING OPERATIONS (LOW RISK FACILITIES)**

**Description:** Gilbert Staff will develop and implement a good housekeeping program for low-risk facilities and municipal operations that includes installing and inspecting BMPS at low-risk facilities and municipal operations for the purpose of preventing, trash, floatable debris, pollutants and illicit discharges from entering the MS4.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** The low-risk facilities will be inspected annually. The number of inspections and the name of the facilities inspected will be documented. Any corrective actions taken or BMPs modified for any of the low-risk sites inspected will be summarized as part of the Annual Report for the permit year.

**Metrics:** The number of inspections and the name of the facilities inspected will be documented as part of the Annual Report for the permit year. Any corrective actions taken or BMPs modified for any of the low-risk sites inspected will be summarized as part of the Annual Report for the permit year.

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## **MCM 6.4 FACILITY INSPECTIONS (HIGH AND MEDIUM RISK FACILITIES)**

**Description:** Gilbert Staff will develop and implement an inspection program of the BMPS installed at the municipal operations for the purpose of preventing trash, floatable debris, pollutants and illicit discharges from entering the MS4.

**Responsible Department:**

Public Works Environmental Compliance Division  
Public Works Engineering Services Division  
Public Works Household Hazardous Waste  
Public Works Water and Wastewater Divisions

**Measurable Goals:** Inspections of high and medium risk facilities will be conducted in accordance with the inspection schedule provided in **Section 6.2**. The inspections will be documented using the form provided in **Appendix L**.

**Metrics:** The number of inspections and the name of the facilities inspected will be documented as part of the Annual Report for the permit year. Any corrective actions taken or BMPs modified for any of the low-risk sites inspected will be summarized as part of the Annual Report for the permit year.

## **MCM 6.5 STREET SWEEPING**

**Description:** Maintain clean, safe streets and collect litter and sediment with the intent of capturing floatables and pollutants prior to entering the MS4 sewer system using equipment designed for cleaning paved surfaces.

**Responsible Department:**

Public Works Environmental Compliance Division  
Public Works Streets Division

**Measurable Goals:** Throughout the year, Gilbert will implement a street sweeping program in accordance with a master schedule. The total number of miles swept, and amount of material removed from the street (tons) will be tabulated. Collected material is tested for hazardous constituents as per landfill protocols.

**Metrics:** The total number of miles swept, and amount of material removed from the street (tons) will be documented within the Annual Report. In the event that hazardous materials are identified this information will be summarized as part of the annual report.

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## **MCM 6.6 STORMWATER INFRASTRUCTURE MAINTENANCE AND CLEANING PROGRAM**

**Description:** Gilbert staff will maintain the publicly owned and operated stormwater control measures located within the MS4, removing trash, debris, and sediment to restore capacity and prevent pollutants from entering the WOTUS, downstream.

**Responsible Department:**

Public Works Environmental Compliance Division  
Public Works Streets Division  
Public Works Parks Maintenance Division  
Public Works Household Hazardous Waste  
Public Works Water and Wastewater Divisions

**Measurable Goals:** During the permit year, the number of facilities cleaned will be tracked. The tons of debris removed from the stormwater control measures will be tracked. Any unusual debris found during testing will be documented.

**Metrics:** The number of facilities cleaned, and the tons of debris removed from the stormwater control measures will be documented in the Annual Report for the permit year. Any unusual debris found during testing will be summarized in the report.

## **MCM 6.7 DRYWELL INSPECTION AND MAINTENANCE PROGRAM**

**Description:** Gilbert staff will develop and implement an inspection and maintenance program of publicly owned and maintained drywells and, where applicable, the accompanying retention basins (See Maps - **Appendix A**).

**Responsible Department:**

Public Works Environmental Compliance Division  
Public Works Streets Division  
Public Works Parks Maintenance Division  
Public Works Household Hazardous Waste  
Public Works Water and Wastewater Divisions

**Measurable Goals:** Throughout the year, drywells located within the publicly owned and operated facilities will be inspected. Follow-up maintenance will be scheduled on an as-needed basis.

**Metrics:** The number of drywells inspected during the permit year will be documented as part of the Annual Report. Maintenance efforts will be summarized as part of the submitted documentation.

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## **MCM 6.8 POLLUTION PREVENT MEASURES AND CLEANING PROGRAM**

**Description:** Gilbert staff will implement a program that uses specified BMPs to prevent unauthorized discharges and pollutants, which are a by-product of routine maintenance and repairs of public facilities.

**Responsible Department:**

Public Works Environmental Compliance Division  
Public Works Streets Division

**Measurable Goals:** Activities to repair and replace pavement surfaces can lead to urban runoff pollution. Pollutants include broken asphalt and concrete debris, saw-cutting slurry, concrete truck wash-out, sediment, fuel, oil, and other fluids from construction equipment, graffiti removal and building cleaning. To prevent these pollutants from entering the MS4, BMPs will be implemented as part of the work operation throughout the course of the permit year.

**Metrics:** The number of maintenance activities where BMPs were implemented and a summary of the types of BMPs implemented will be documented as part of the Annual Report for the permit year.

## **MCM 6.9 STAFF TRAINING**

**Description:** The Town of Gilbert will implement a training program that provides training opportunities for staff. Training may be conducted in-house by qualified personnel or through a 3<sup>rd</sup> party vendor such as Neogov.

**Responsible Department:**

Public Works Environmental Compliance Division

**Measurable Goals:** One hundred percent (100%) of the staff involved in implementing the Pollution Prevention and Good Housekeeping Plan for Municipal Operations will be trained on an annual basis throughout the permit term. The number of attendees trained will be documented using the form provided in **Appendix L** or through participation certificates issued by the 3<sup>rd</sup> party. The completed forms will be stored in Appendix L.

**Metrics:** The number of persons trained will be tracked. A summary of the training topics will be tracked. The data used to track the annual training program will be documented as part of the Annual Report.

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## SECTION 9 SAMPLING AND ANALYSIS PLAN

### 9.1 OVERVIEW

In compliance with the requirements set forth in Section 7.2 of the Permit, the Town of Gilbert (Gilbert) has opted to create a Sampling and Analysis Plan (SAP) to document the processes and procedures used for Characterization Monitoring. These requirements are summarized in this section. The SAP, which is under development, will be incorporated into **Appendix H**. The results of the testing associated with the Sampling and Analysis Plan will be submitted electronically within 30 days after receiving the laboratory results to the Arizona Department of Environmental Quality through the [myDEQ](#) portal as a Discharge Monitoring Report (DMR). The results of the testing will be stored for a period of three (3) years following the expiration of the current permit.

### 9.2 MONITORING LOCATIONS

Gilbert will collect stormwater samples at five (5) locations (General Permit [AZG2021-002](#) Section 7.2.4) as presented in Table 9.1. A map illustrating the location of the characterization monitoring outfalls is provided on Figure 6.

TABLE 9-1 – CHARACTERIZATION MONITORING LOCATIONS

Outfall ID	Outfall Description	Receiving Water
559	Queen Creek at Recker Rd	EMF
107355	Sonoqui Wash at Higley Rd	EMF
107333	Queen Creek Road and EMF (Local Drainage)	EMF
111976	Western Canal at Lindsay Road	Consolidated Canal
112226	Riggs Road and EMF (Local Drainage)	EMF

### 9.3 MONITORING TIMELINE

Gilbert will collect a single stormwater sample at each of the monitoring locations during the first three and one-half years of the effective date of the permit (General Permit [AZG2021-002](#) Section 7.2.1).

### 9.4 QUALIFYING STORM EVENT

Sampling will collect a “first flush” sample from the first 30 minutes of a stormwater discharge from a qualifying storm event (General Permit [AZG2021-002](#) Section 7.2.2).

For the purpose of the SWMP, “a qualifying storm event” is rainfall in the amount of 0.1 inches or more and a resulting discharge within the first 24-hours of the event.

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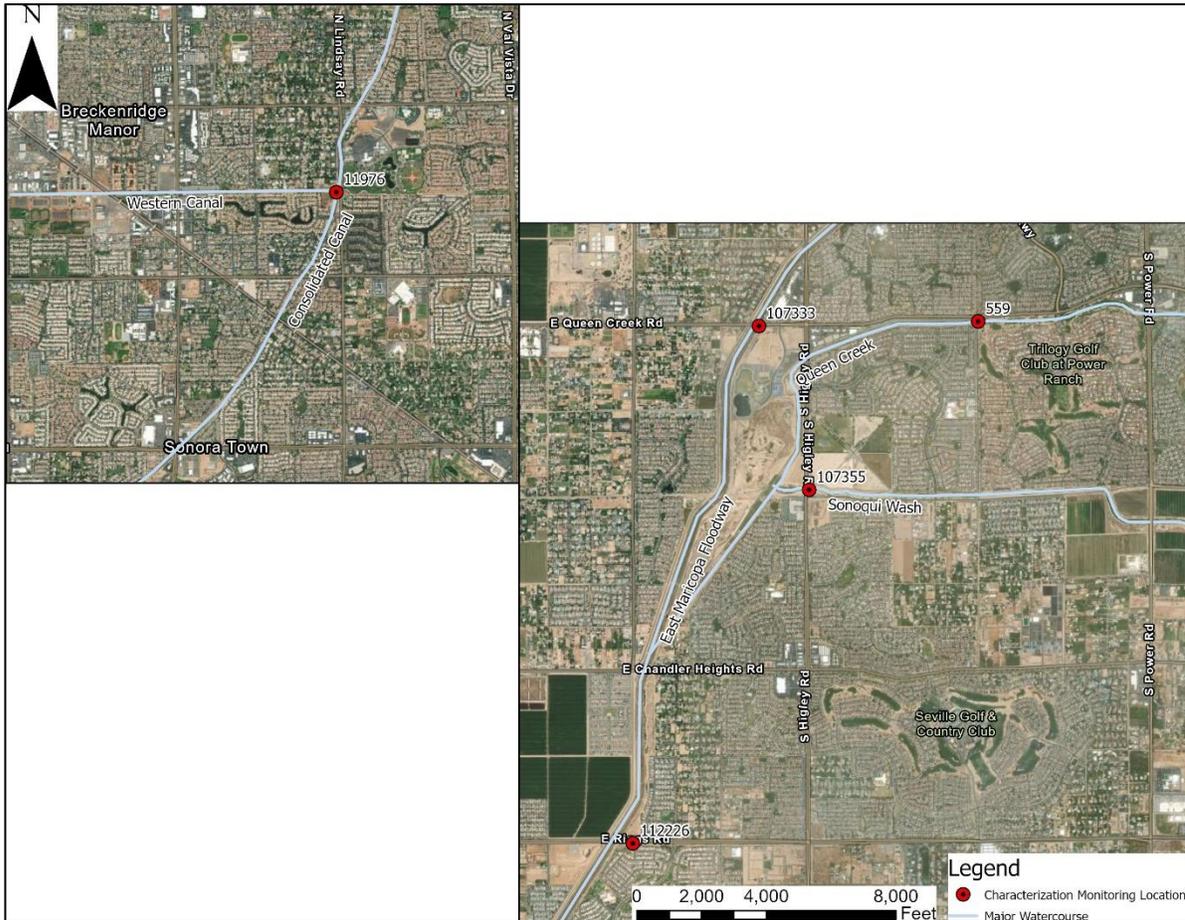
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**Figure 5: Characterization Monitoring Locations**

9.5 SAMPLE TESTING

The stormwater sample will be tested for the following constituents within the following classes. A complete list of chemicals to be sampled for is provided in **Appendix H**. The SAP will be incorporated into Appendix H upon completion.

1. Metals
2. Inorganics
3. Volatile Organic Compounds
4. Semi- Volatile Organic Compounds (Acid/Base/Neutral)

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## SECTION 10 ANNUAL PROGRAM EVALUATION PROTOCOLS

Because the SWMP is a living document, the Public Works Environmental Compliance Division (Environmental Compliance) will review the SWMP annually and track the measurable goals associated with the MCMs. The annual SWMP evaluation will include an assessment of the effectiveness of the BMPs implemented by the Town of Gilbert (Gilbert) staff and the progress made towards achieving each of the BMP objectives.

The annual program evaluation protocol shall follow the following steps:

1. Environmental Compliance shall contact each responsible party requesting a summary of the progress that was made on each BMP over the course of the permit year. A minimum of 3 weeks will be provided for each responsible party to provide their information and backup data.
2. Environmental Compliance will review the information received and compare that to the BMP requirements outlined in this SWMP to ensure that the BMPs are being implemented.
3. Environmental Compliance will discuss with the other departments, the efficacy of the BMPs and if any modifications are needed or recommended.
4. Revisions made to the SWMP or the BMPs will be documented with the information stored in **Appendix K**.
5. Environmental Compliance will compile the information received into an Annual Report. The Annual Report will be submitted on or before September 30<sup>th</sup> of each permit year to the Arizona Department of Environmental Quality through the [myDEQ](#) portal.
6. The approved Annual Report will be posted on Gilbert's stormwater webpage ([Stormwater Webpage](#)) for public viewing.

The BMPs and the SWMP may be updated and/or revised based on the results of the annual evaluation. Any BMP modifications will be made in accordance with Section 8.1 of the Permit. Minor updates will occur at the staff level and will consist of bookkeeping matters, such as changes in who is responsible for a specific BMP, etc. Major updates will include changes in the SWMP, such as the implementation of new BMPs or the discontinuance of ineffective ones, or policy changes. Documentation justifying a BMP modification will include the following:

1. Any analyses or supporting information used in determining that the BMP was ineffective or infeasible.
2. Expectations on the effectiveness of the replacement BMP; and
3. An analysis or supporting information as to why the replacement BMP is expected to achieve the defined goals of the BMP to be replaced.

## SECTION 11 PLAN AVAILABILITY AND RECORD RETENTION

### 11.1 PLAN AVAILABILITY

A hardcopy of the Town's SWMP is kept at the Town Hall for public viewing during normal business hours. The Town's plan is also maintained online and accessible to the public. The SWMP can be accessed on-line at [Gilbert's Stormwater Webpage](#).

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## 11.2 RECORD RETENTION

The Town will keep all records pertaining to the Permit for a minimum period of three (3) years from the end of the permit term (September 26, 2026). The records will include all reports, follow up documentation, inspection records, enforcement actions, and data tracked and documented as part of the Annual Report.

The summary of findings from the Visual Monitoring efforts and the water quality analysis associated with the Characterization Monitoring submitted with the Discharge Monitoring Report will be kept for a minimum period of three (3) years from the end of the permit term (September 26, 2026)

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## SECTION 12 REFERENCES

- 1) Arizona Department of Environmental Quality “Arizona Pollutant Discharge and Elimination System General Permit for Stormwater Discharges from Small Municipal Separate Sewer System to Protected Surface Waters”, September 30, 2021.
- 2) Arizona Department of Environmental Quality “Arizona Pollutant Discharge and Elimination System (AZPDES) Small Municipal Separate Storm Sewer System (MS4) 2021 Fact Sheet for AZG2021-002.”
- 3) Town of Gilbert, “Code of Gilbert, Arizona”, revised 4-12-2022
- 4) Town of Gilbert “Ordinance 1590”, August 3, 2004
- 5) Town of Gilbert, “Stormwater Enforcement Response Plan”, March 2017
- 6) Town of Gilbert, “Public Works and Engineering Standards 2022”, March 12, 2022

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## SECTION 13 ACRONYMS AND DEFINITIONS

### 13.1 ACRONYMS

The following is a list of acronyms and abbreviations that are commonly associated with the Stormwater Management Plan and the MS4 Permit.

AAC	Arizona Administration Code
ADEQ	Arizona Department of Environmental Quality
ARS	Arizona Revised Statutes
AZPDES	Arizona Pollutant Discharge Elimination System
BMP(s)	Best Management Practice(s)
CWA	Clean Water Act
DMR	Discharge Monitoring Report
ECP	Erosion Control Plan
ERP	Enforcement Response Plan
GIS	Geographic Information System
IC	Illicit Connection
ID	Illicit Discharge
IDDE	Illicit Discharge Detection and Elimination
MCM(s)	Minimum Control Measure(s)
MEP	Maximum Extent Practicable
MS4	Municipal Separate Storm Sewer System
MSGP	Multi-Sector General Permit
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance
OAW	Outstanding Arizona Waters
SIC	Standard Industrial Classification
SOP	Standard Operating Procedure
STORM	Stormwater Outreach for Regional Municipalities
SWMP	Stormwater Management Plan
SWPPP	Stormwater Pollution Prevention Plan
SQWS	Stormwater Quality Standards
TMDL	Total Maximum Daily Load

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## 13.2 DEFINITIONS

The following definitions are commonly associated with the Stormwater Management Plan and the MS4 Permit.

*Arizona Pollutant Discharge Elimination System (AZPDES)* - The ADEQ implementation of the EPA program for issuing, modifying, revoking, reissuing, terminating, monitoring, and enforcing permits and imposing and enforcing pretreatment requirements under the Clean Water Act.

*Best Management Practices (BMPs)* - Measures or practices used to prevent or minimize the amount of pollution entering surface waters. BMPs may take the form of a process, activity, or physical structure.

*Discharge* - The conveyance, channeling, runoff, or drainage stormwater, including snowmelt, from a site.

*Erosion Control Plan* – A document consisting of structural and non-structural BMPs to be implemented during construction or following construction to control pollutants and prevent illicit discharges from entering the MS4.

*Impaired water* - waters that have been assessed by ADEQ, under the Clean Water Act, as not attaining a water quality standard for at least one (1) designated use and are listed in Arizona's current 303(d) List or on the 305(b) Category 4 list.

*Minor Spills* - Spills that have a volume less than the reportable quantity, can be controlled and cleaned up with onsite resources, do not contaminate the environment, and do not cause injury to personnel.

*Non-stormwater discharge* - Any discharge not comprised entirely of stormwater except discharges authorized by a NPDES/AZPDES permit.

*Notice of Intent* - the application to operate under an ADEQ general permit (CGP, MS4 or MSGP)

*Outfall* - Any discernible stormwater conveyance (e.g., pipe, ditch, swale, canal) that discharges to waters of the state or to a separate municipal storm system. See also point source discharge.

*Outstanding Arizona Water* - a protected surface water that has been designated by ADEQ as an outstanding state resource under A.A.C. R18-11-112.

*Point Discharge* - Any discernible, confined, and discrete conveyance, including pipes, ditches, channels, tunnels, conduits, and wells.

*Pollutant* - Any dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt, and industrial, municipal, and agricultural waste discharged into stormwater.

*Protected Water* - waters of the State listed on the protected surface water list under Section 49-221, Subsection G and all WOTUS.

*Qualifying Storm Event* – rainfall in the amount of 0.1 inches or more resulting in a discharge.

*Runoff* - Part of precipitation, snowmelt, or irrigation water that runs off the land into streams or other surface water. It can carry pollutants from the air and land into the receiving waters.

*Stormwater* - Stormwater runoff, snowmelt runoff, and surface runoff and drainage.

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*Stormwater Pollution Prevention Plan* - a site-specific, written document that, among other things: identifies potential sources of stormwater pollution at the location of the disturbance; describes control measures to reduce or eliminate pollutants in stormwater discharges from the facility/activity; and identifies procedures the operator will implement to comply with the terms and conditions of the general permit (typically CGP or MSGP).

*Total Maximum Daily Load* - an estimation of the total amount of a pollutant from all sources that may be added to a water while still allowing the water to achieve and maintain applicable SWQS. Each total maximum daily load shall include allocations for sources that contribute the pollutant to the water.

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## APPENDIX A MS4 INFRASTRUCTURE MAPS

Figure 6 – Town of Gilbert Storm Drain Map

Figure 7 – Town of Gilbert Retention Basin Map

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**Legend**

**Storm Lines**

- Town of Gilbert
- Preliminary
- Private

**Drywells**

- Drywells

**Manholes**

- Manhole Gilbert
- Manhole Private

**Catchbasin, Scupper**

- Catchbasin Gilbert
- Catchbasin Private
- Scupper Gilbert
- Scupper Private

**Storm Nodes**

- misc node
- Sampling Station
- Endpipe; Plug
- Headwall
- Inlet
- Pump Station

**Storm Basins**

- Private
- Town of Gilbert

**Discharge Points**

- Discharge Points

**Storm Outfall**

- Storm Outfall

**Municipality**

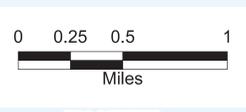
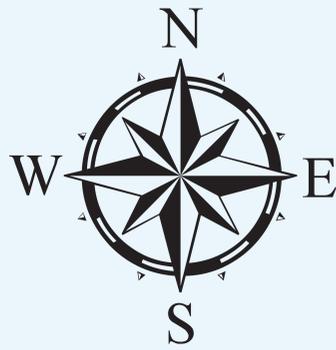
- Gilbert
- Chandler
- Mesa
- Queen Creek
- Gila River I.C.

**Jurisdiction**

- County Island

**Other**

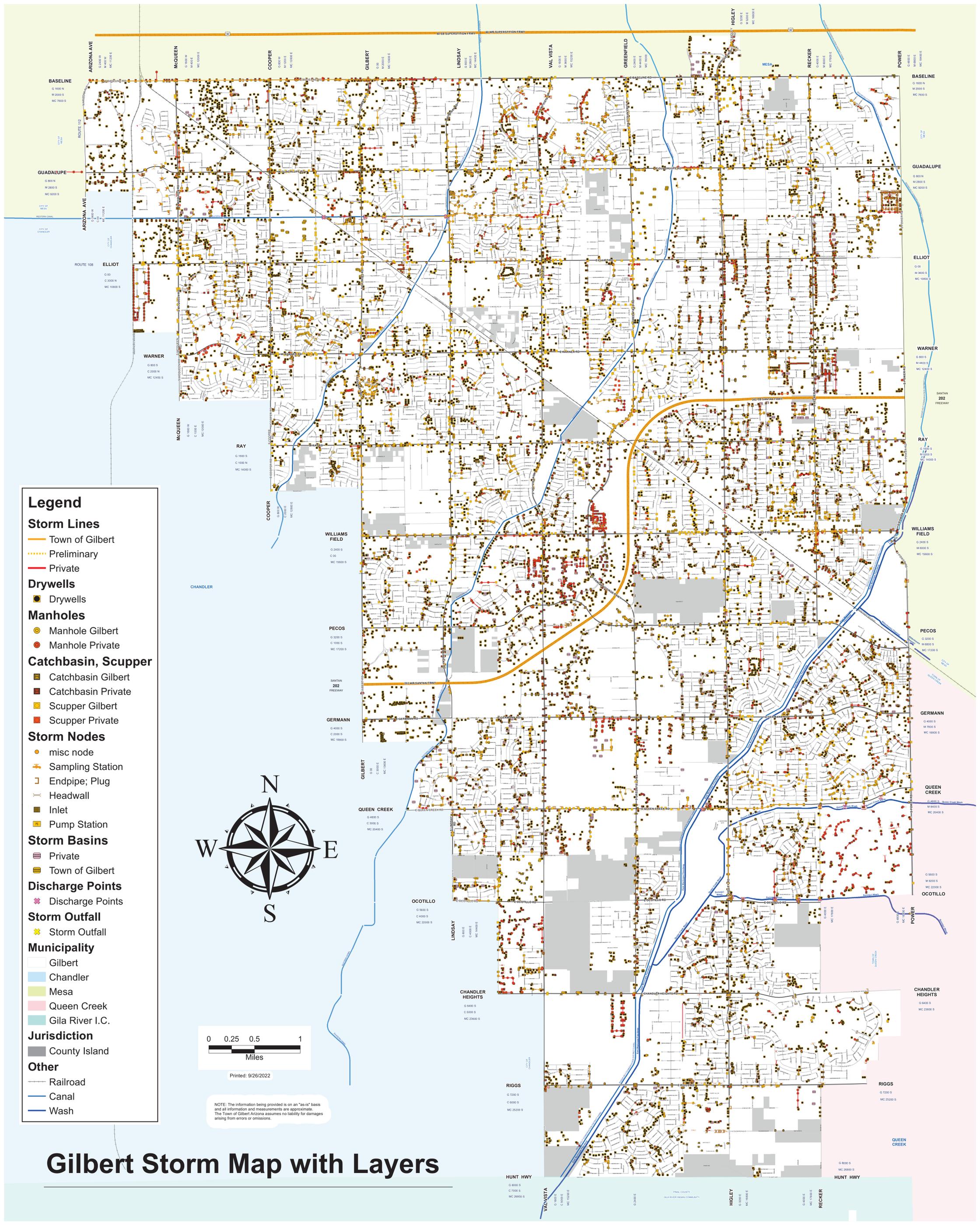
- Railroad
- Canal
- Wash



Printed: 9/26/2022

NOTE: The information being provided is on an "as-is" basis and all information and measurements are approximate. The Town of Gilbert Arizona assumes no liability for damages arising from errors or omissions.

# Gilbert Storm Map with Layers



**Figure 6: Town of Gilbert Storm Drain Map**

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**Legend**

**Storm Basins**

- TOG owned (69)
- TOG owned in Parks (32)

**Parks**

- Parks

**Municipality**

- Gilbert
- Chandler
- Mesa
- Queen Creek
- Gila River I.C.

**Jurisdiction**

- County Island
- Gilbert Boundary

**Other**

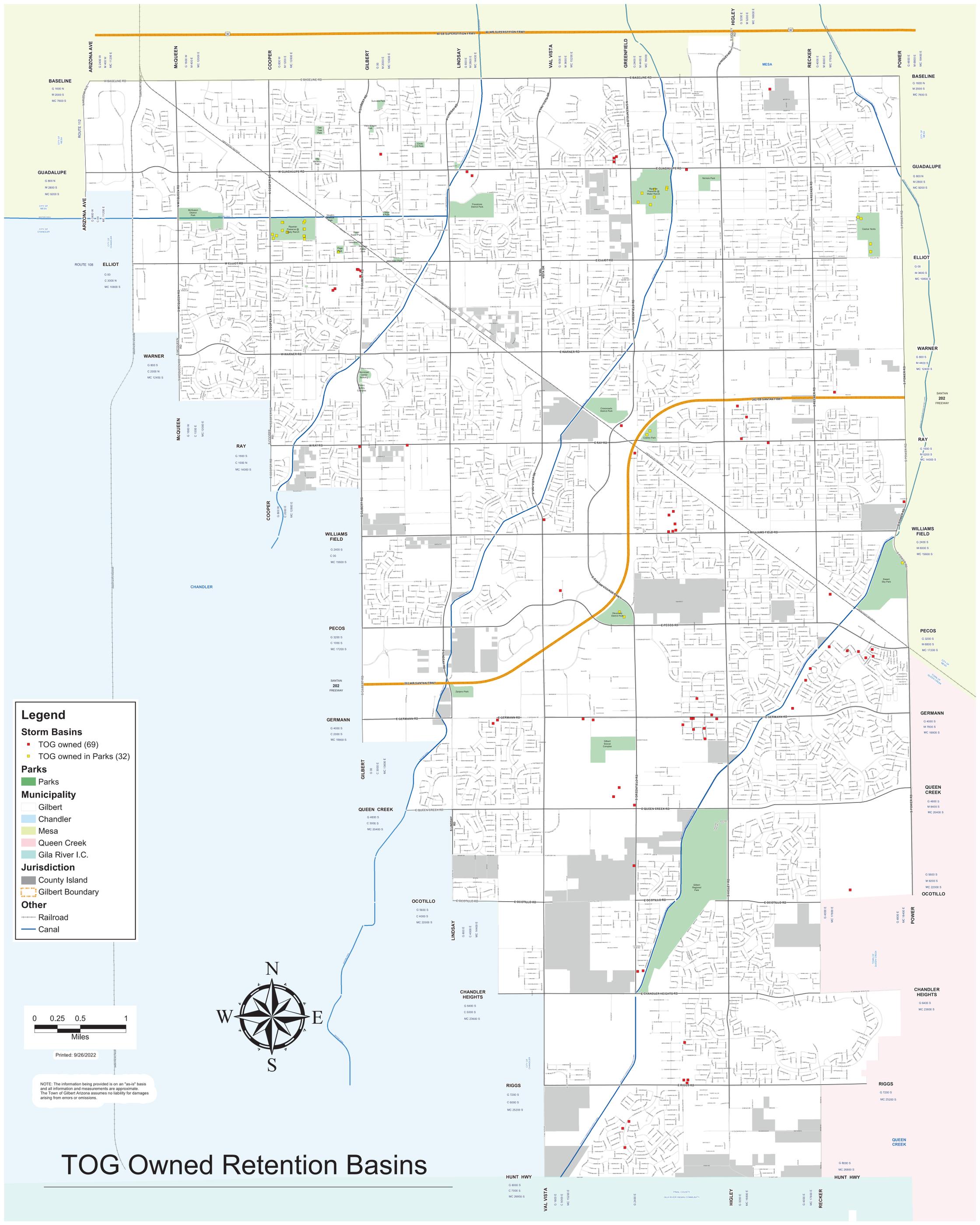
- Railroad
- Canal



Printed: 9/26/2022

NOTE: The information being provided is on an "as-is" basis and all information and measurements are approximate. The Town of Gilbert Arizona assumes no liability for damages arising from errors or omissions.

# TOG Owned Retention Basins



**Figure 7: Town of Gilbert Retention Basin Map**

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## APPENDIX B MCM 1 PUBLIC EDUCATION AND OUTREACH BMPS DETAILS

- MCM 1.1 Educational Materials
- MCM 1.2 Educational Events
- MCM 1.3 Stormwater Webpage
- MCM 1.4 Regional Coordination

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BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
1.1 Educational Materials	<p><b>Public Works:</b></p> <ul style="list-style-type: none"> <li>Environmental Compliance Division</li> <li>Environmental Compliance Manager</li> </ul> <p><b>Development Services</b> Engineering Plan Review Department</p>	<p>Develop and distribute educational materials with specific messages for specific target groups (i.e., to increase knowledge and change behavior of the public so that pollutants in stormwater are reduced).</p> <p>Target groups may include but are not limited to residents, residential communities, homeowner’s associations, property management companies, restaurants, commercial facilities, automotive repair facilities, retail shopping centers, construction companies and industrial facilities.</p>	<p>A. Identify priorities for stormwater brochures.                      B. Develop and print brochures.                      C. Distribute educational materials with specific messages that include at least two (2) specific educational messages directed at two (2) distinct target groups for each year of the permit term.</p> <p>Note: The educational messages may include but are not limited to general awareness, specific pollutants and/or pollutant sources. Examples of messages include,</p> <p><u>General:</u>                      “Storm Drains: Do You Know Where the Water (and any debris) goes?”</p> <p><u>Households/Businesses:</u>                      “Stormwater Pollution Prevention – Pool and Spa”,                      “Stormwater Pollution Prevention – Auto Maintenance &amp; Leaking Vehicles”, “Stormwater Pollution Prevention – Mobile Business”</p> <p><u>Educational Institutions:</u>                      “Stormwater in the Desert”</p> <p><u>Construction/Developers:</u>                      “Construction BMPs”, Construction Activities – Stormwater Pollution Prevention”</p>	<p>The number of educational messages and their respective target groups will be documented and reported. All educational messages and their respective distribution will be quantified to establish an approximate numerical value representative of each type of message and group. A form to track the distributed material on an annual basis is provided in <b>Appendix L</b>. Applicable information associated with the BMP will be reported in the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Brochures and educational material will be available throughout the year via the webpage.</p> <p>Brochures and other educational materials will be distributed to the public at events (MCM-1.2) and as part of the permitting process MCM 4 and MCM 5.</p>	Current
1.2 Educational Events	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul>	<p>Identify and participate in educational events located in the Town with the goal of increasing knowledge and changing behavior of the public so that pollutants in stormwater are reduced.</p> <p>Allow residents to request a free presentation on the importance of stormwater quality and/or request Post-Construction Stormwater Pollution Prevent Plan through the <a href="#">stormwater webpage</a>.</p> <p>Target groups may include but are not limited to residents, residential communities, homeowner’s associations, contractors/developers, business owners, commercial and industrial facilities</p>	<p>A. Identify Community Events to be used for priorities for stormwater brochures (i.e., Gilbert Water Festival).                      B. Identify appropriate brochures                      C. Attend event                      D. Handout Stormwater brochures and related material at Gilbert Water Festival and other Town events.                      E. Respond to request for stormwater presentations and/or post-construction stormwater pollution prevention plans.</p>	<p>The number of events, type of event and Stormwater Management materials distributed will be documented. A form to track the events attended and the material distributed is provided in <b>Appendix L</b>. The number and name of the events attended will be documented as part of the Annual Report.</p> <p>The number of citizens attending the event and number of citizens interacted with will be documented.</p> <p>The number of requests for stormwater presentations and post-construction stormwater pollution prevention plans will be documented. The number and name of the events attended will be documented as part of the Annual Report.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>At least two (2) community events will be attended during each permit year.</p> <p>The ability to request stormwater presentations and post-construction stormwater pollution prevention plans will be available year-round.</p>	Current



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
1.3 Stormwater Webpage	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Information Technology Department</b> Geographic Information Services Division</p>	<p>Develop and maintain a <a href="#">stormwater webpage</a> that conveys pertinent information regarding Gilbert's Stormwater Management Program with the goal of increasing knowledge and changing the behavior of the public so that pollutants in stormwater are reduced.</p> <p>The posted information includes an electronic copy of the Stormwater Management Plan, Annual Reports, Notice of Intent, brochures and other educational resource material.</p>	<p>A. Identify staff that will review web content to ensure subject matter and links to resources are relevant and accurate.</p> <p>B. Provide updated SWMP(s), Annual Reports and the current Notice of Intent to Discharge (NOI).</p> <p>C. Provide a link to the STORM website which contains stormwater related articles and calendar of stormwater related events.</p> <p>D. Provide links to educational resources and brochures.</p> <p>E. Provide a link to report stormwater quality complaints or potential illicit discharges.</p> <p>F. Provide a link to an email that will allow the general public to request to stormwater presentations and/or post-construction stormwater pollution prevention plans.</p> <p>G. Updates to the website will occur when content is no longer applicable to the program or whenever new content, or educational materials are available.</p>	<p>The website will be reviewed a minimum of one time per year to ensure that content is still relevant. Additional reviews may occur whenever new content is added.</p> <p>The number of links reviewed will be documented.</p> <p>The number of brochures reviewed or downloaded will be documented.</p> <p>The number of complaints received, and actions taken will be documented.</p> <p>The number of requests for stormwater presentations and post-construction stormwater pollution prevention plans will be documented.</p> <p>Applicable information associated with the BMP will be reported in each Annual Report during the permit term.</p> <p>The number of updates to the website will be documented.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>The website is available year-round.</p> <p>A complete review of the website will occur annually</p>	Current
1.4 Regional Coordination	<p><b>Public Works:</b> Environmental Compliance Division</p> <p>Environmental Compliance Manager Environmental Compliance Coordinator</p>	<p>Maintain membership and be an active participant in Stormwater Outreach for Regional Municipalities (STORM) and/or other professional organizations (i.e., AZ Water; MAG) with the goal of collectively promoting and distributing stormwater education and outreach throughout the greater Phoenix metropolitan area.</p> <p>Develop a program that allows the business community to become actively involved in promoting stormwater quality and protecting the environment (<a href="#">Green Gilbert Partnership Program</a>.)</p>	<p>A. Gilbert staff will partner with a local outreach group, STORM, or others to conduct public outreach activities.</p> <p>B. Gilbert staff will develop and implement the Green Gilbert Partnership Program to give local business an opportunity to show their commitment to helping the environment.</p>	<p>The number and type of outreach efforts associated with the STORM community will be tracked and documented as part of the Annual Report.</p> <p>The number of businesses enrolled during the permit year will be tracked and documented as part of the Annual Report.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	A minimum of two (2) STORM events will be attended during the permit year.	Current

## APPENDIX C MCM2 PUBLIC PARTICIPATION AND INVOLVEMENT BMPS DETAILS

- MCM 2.1 Community Hotline
- MCM 2.2 Community Email
- MCM 2.3 Stormwater Webpage
- MCM 2.4 Educational Events
- MCM 2.5 Local Outreach
- MCM 2.6 Volunteer Opportunities
- MCM 2.7 Regional Coordination
- MCM 2.8 Public Review Program
- MCM 2.9 Stenciling Program

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BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
2.1 Community Hotline	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Information Technology Department</b> Geographic Information Services Division</p>	Provide a phone number that is available to the general public with the intention of providing a dedicated source of information regarding Gilbert's SWMP, including, but not limited to general information, reporting of illicit discharges, and answering SWMP related questions.	As part of the <a href="#">stormwater webpage</a> , provide a phone number to report stormwater violations or to ask questions related to stormwater quality and the stormwater management plan.	<p>The number of calls associated with the reporting of illicit discharges or inquiring about the stormwater management plan will be tracked and reported in each Annual Report during the permit term.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term</p>	<p>The phone number will be available year-round.</p> <p>The phone number will be verified as part of the webpage review that will occur annually.</p>	Current
2.2 Community Email	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Information Technology Department</b> Geographic Information Services Division</p>	Provide an email address that is available to the general public with the intention of providing a dedicated source of information regarding Gilbert's SWMP, including, but not limited to general information, reporting of illicit discharges, and answering SWMP related questions.	As part of the <a href="#">stormwater webpage</a> , provide an email number to report stormwater violations or to ask questions related to stormwater quality and the stormwater management plan. .	<p>The number of calls associated with the reporting of illicit discharges or inquiring about the stormwater management plan will be tracked and reported in each Annual Report during the permit term.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term</p>	<p>The email address will be available year-round.</p> <p>The phone number will be verified as part of the webpage review, which will occur annually.</p>	Current
2.3 Stormwater Webpage	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Information Technology Department</b> Geographic Information Services Division</p>	<p>Develop and maintain a <a href="#">stormwater webpage</a> that conveys pertinent information regarding Gilbert's Stormwater Management Program with the goal of increasing knowledge and changing the behavior of the public so that pollutants in stormwater are reduced.</p> <p>The posted information includes an electronic copy of the Stormwater Management Plan, Annual Reports, Notice of Intent, brochures and other educational resource material.</p>	<p>A. Identify staff that will review web content to ensure subject matter and links to resources are relevant and accurate.</p> <p>B. Provide updated SWMP(s), Annual Reports and the current Notice of Intent to Discharge (NOI).</p> <p>C. Provide a link to the STORM website which contains stormwater related articles and calendar of stormwater related events.</p> <p>D. Provide links to educational resources and brochures.</p> <p>E. Provide a link to report stormwater quality complaints or potential illicit discharges.</p> <p>F. Provide a link to an email that will allow the general public to request stormwater presentations and/or post-construction stormwater pollution prevention plans.</p> <p>G. Updates to the website will occur when content is no longer applicable to the program or whenever new content, or educational materials are available.</p>	<p>A. The website will be reviewed a minimum of one time per year to ensure that content is still relevant. Additional reviews may occur whenever new content is added.</p> <p>B. The number of updates to the website will be documented.</p> <p>C. The number of links reviewed will be documented.</p> <p>D. The number of brochures reviewed or downloaded will be documented.</p> <p>E. The number of complaints received, and actions taken will be documented.</p> <p>F. The number of requests for stormwater presentations and post-construction stormwater pollution prevention plans will be documented.</p> <p>G. Applicable information associated with the BMP will be reported in each Annual Report during the permit term.</p> <p>H. Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>The website will be available year-round.</p> <p>A complete review of the website will occur annually</p>	Current

BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
2.4 Educational Events	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> <li>Environmental Compliance Coordinator</li> </ul>	<p>Identify and participate in educational events located in the Town with the goal of increasing knowledge and changing behavior of the public so that pollutants in stormwater are reduced.</p> <p>Allow residents to request a free presentation on the importance of stormwater quality and/or request Post-Construction Stormwater Pollution Prevent Plan through the <a href="#">stormwater webpage</a>.</p> <p>Target groups may include but are not limited to residents, residential communities, homeowner's associations, contractors/developers, business owners, commercial and industrial facilities.</p>	<p>A. Identify Community Events to be used for priorities for stormwater brochures (i.e., Gilbert Water Festival).</p> <p>B. Identify appropriate brochures</p> <p>C. Attend event Develop and print brochures.</p> <p>D. Handout Stormwater brochures and related material at Gilbert Water Festival and other Town events.</p> <p>E. Respond to request for stormwater presentations and/or post-construction stormwater pollution prevention plans.</p>	<p>The number of events, type of event and Stormwater Management materials distributed will be documented. A form to track the events attended and the material distributed is provided in <b>Appendix L</b>. The number and name of the events attended will be documented as part of the Annual Report.</p> <p>The number of citizens attending the event and number of citizens interacted with will be documented.</p> <p>The number of requests for stormwater presentations and post-construction stormwater pollution prevention plans will be documented. The number and name of the events attended will be documented as part of the Annual Report.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>At least two (2) community events will be attended during each permit year.</p> <p>The ability to request stormwater presentations and post-construction stormwater pollution prevention plans will be available year-round.</p>	Current
2.5 Local Outreach	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> <li>Environmental Compliance Coordinator</li> </ul>	<p>Develop a local outreach program that meets with homeowner associations (HOAs) and local businesses to discuss the importance of stormwater quality and provide information on best management practices that can be implemented to improve storm water quality.</p>	<p>A. Gilbert staff will be identified to engage the public as part of the local outreach program.</p> <p>B. Gilbert staff will reach out to a minimum of 10% of local HOAs during the permit year.</p> <p>C. Gilbert staff will reach out to a minimum of 5% of hospitals, restaurants, industrial businesses, commercial businesses, developers, and homebuilders, and small businesses annually to establish a point of contact that includes the business-specific list services.</p>	<p>The number of HOAs contacted will be tracked and reported as part of the Annual Report. The topics discussed with the HOAs will be noted as part of the documentation process.</p> <p>The number of local businesses contacted will be tracked and reported as part of the Annual Report. The topics discussed with the HOAs will be noted as part of the documentation process.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Local outreach to the HOAs and businesses will occur over the course of the permit year.</p>	Current
2.6 Volunteer Opportunities	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> <li>Environmental Compliance Coordinator</li> </ul>	<p>Develop a volunteer program that coordinates with the community to identify and/or perform projects that help reduce stormwater pollution and promote water quality.</p>	<p>A. Gilbert staff will be identified to engage the public as part of the Volunteer Opportunity Program.</p> <p>B. Gilbert staff will seek out participants from such groups as local schools, Boys and Girls Scouts, churches or other philanthropic organizations.</p> <p>C. A minimum of one (1) volunteer event will be organized per year.</p>	<p>The number of volunteer events will be tracked. The organization involved and the activities of the event will be documented. The number of events and a brief synopsis of the event will be reported as part of the Annual Report.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>One (1) volunteer opportunity will be conducted during the course of the permit year.</p>	Current



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
2.7 Regional Coordination	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> <li>Environmental Compliance Coordinator</li> </ul>	<p>Maintain membership and be an active participant in Stormwater Outreach for Regional Municipalities (STORM) and/or other professional organizations (i.e., AZ Water; MAG) with the goal of collectively promoting and distributing stormwater education and outreach throughout the greater Phoenix metropolitan area.</p> <p>Develop a program that allows the business community to become actively involved in promoting stormwater quality and protecting the environment (<a href="#">Green Gilbert Partnership Program</a>.)</p>	<p>A. Gilbert staff will partner with a local outreach group, STORM, or others to conduct public outreach activities.</p> <p>B. Gilbert staff will develop and implement the Green Gilbert Partnership Program to give local business an opportunity to show their commitment to helping the environment.</p>	<p>The number and type of outreach efforts associated with the STORM community will be tracked and documented as part of the Annual Report.</p> <p>The number of businesses enrolled during the permit year will be tracked and documented as part of the Annual Report.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	A minimum of two (2) STORM events will be attended during the permit year.	Current
2.8 Public Review Program	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> <li>Environmental Compliance Coordinator</li> </ul> <p><b>Information Technology Department</b> Geographic Information Services Division</p>	<p>Develop and maintain a program that allows for the public to comment on the documents submitted to ADEQ and or implemented within the Town.</p>	<p>Using the Town of Gilbert stormwater webpage provide a process that will allow the public to review the following items.</p> <ul style="list-style-type: none"> <li>Notice of Intent to Discharge (NOI)</li> <li>Stormwater Management Program (SWMP)</li> <li>Annual Report (AR)</li> </ul> <p>The documents will be made available on the <a href="#">stormwater webpage</a> and the review and comment periods will be set for 30 days. A notification on the webpage that the documents are open for comment will be added to the webpage at that time.</p> <p>In compliance with Section 4.2 of <a href="#">Permit AZG2021-002</a>, the SWMP must be available during normal business hours and posted on the permittee's website.</p>	<p>The number of comments on the NOI, SWMP and AR will be tracked. The types of comments and the responses to the comments will be documented. Both sets of information will be incorporated into the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Opportunities for the public to comment on the Stormwater Management Program and the NOI will be made available at the beginning of the permit term and when revisions have been made to the documents. The review period will extend for 30 days.</p> <p>The Annual Report will be made available for review after September 30<sup>th</sup> of the permit year. Comments to the report will be considered for inclusion in the following year's Annual Report.</p>	Current
2.9 Stenciling Program	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> <li>Environmental Compliance Coordinator</li> </ul> <p><b>Public Works:</b> Streets Division</p>	<p>Develop and maintain a program that allows residents and business to make inquiries about storm drain labeling stencils</p>	<p>Using the <a href="#">stormwater webpage</a>, provide a means of contacting the Public Works Stormwater Compliance Division regarding the stenciling program via email.</p> <p>Upon receipt of a request, the Public Works Department will provide a stencil on the storm drain that indicates that runoff entering the storm drain is discharged directly into the lake.</p>	<p>The number of inquiries regarding the stenciling program made during the given permit year will be tracked and documented as part of the Annual Report.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	Access to the webpage and subsequent email will be available through the permit term.	Current

## APPENDIX D MCM 3 ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM BMP DETAILS

- MCM 3.1 Storm Sewer System Mapping
- MCM 3.2 Legal Authority Review
- MCM 3.3 Visual Outfall Monitoring (Dry Weather)
- MCM 3.4 Visual Outfall Monitoring (Wet Weather)
- MCM 3.5 Illicit Discharge Identification and Elimination
- MCM 3.6 Unpermitted Facilities
- MCM 3.7 IDDE Staff Training
- MCM 3.8 Illicit Discharge On-line Reporting
- MCM 3.9 Rain Gage Installation

### QUICK LINKS

[Appendix A: MS4 Infrastructure Maps](#)

[Appendix B: MCM 1 Public Education and Outreach BMPs](#)

[Appendix C: MCM 2 Public Participation and Involvement BMP Details](#)

[Appendix D: MCM 3 Illicit Discharge Detection and Elimination Program BMP Details](#)

[Appendix E: MCM 4 Construction Activity Stormwater Runoff Control BMP Details](#)

[Appendix F: MCM 5 Post-Construction Stormwater Management in New Development and Redevelopment BMP Details](#)

[Appendix G: MCM 6 Pollution Prevention/Good Housekeeping for Municipal Operations BMP Details](#)

[Appendix H: Sampling and Analysis Plan](#)

[Appendix I: Notice of Intent](#)

[Appendix J: Annual Report](#)

[Appendix K: Annual Review and Revision Log](#)

[Appendix L: Forms](#)

[Appendix M: Site Specific SWPPP](#)

BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
3.1 Storm Sewer System Mapping	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Information Technology Department</b> Geographic Information Services Division</p>	<p>Prepare and maintain an up-to-date map of the MS4 infrastructure that has sufficient scope and detail to use as a reference during proactive inspections or during the investigations to identify and eliminate illicit discharges.</p>	<p>Identify staff that will be responsible for collecting data regarding newly constructed stormwater infrastructure. The collection of data will include cataloguing infrastructure attributes such as type and size from as-built plans. The location of the infrastructure will be georeferenced during field reconnaissance.</p> <p>Information will be passed to the Information Technology Department for the purpose of creating a map that includes, locations of discharges to the Waters of the United States; jurisdictional MS4 boundaries; new land annexations during the respective permit year; interconnections with other MS4s including linear drainage structures used for conveyance (Example: streets, channels, floodways, pipes, etc.); storm drain inlet structures (Example: catch basins, scuppers, etc.); outfalls; dry weather field screening (monitoring) locations including unique identifier, receiving water, dimensions, shape, spatial location (latitude/longitude), Physical condition, indicators of potential non-stormwater discharges; and detention/retention basins that are part of the MS4.</p>	<p>The number of new features added to the map will be tracked and reported in each Annual Report during the permit term.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Infrastructure information will be added to the GIS Database throughout the permit year once construction has been completed. Corrections, additions or revisions to the GIS database will be made upon notification or discovery.</p>	Current
3.2 Legal Authority Review	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Public Works</b> Office of the Director</p> <p><b>Town of Gilbert Legal Department</b></p>	<p>Implement proper enforcement procedures and actions through the preparation and adoption of ordinances, and town codes.</p>	<p>Assign staff from the Environmental Compliance Division and the Public Works Office of the Director to review the <a href="#">Chapter 30 Article 3 of the Town Code</a> and <a href="#">Town of Gilbert Ordinance 1590</a> to ensure compliance with the stormwater enforcement requirements set forth in Section 3.0 and Section 6.3.2 of the <a href="#">General Permit AZG2021-002</a>.</p> <p>Any revisions necessary to the Code or the Ordinance will be presented to the Town of Gilbert Legal Department. It is expected that the any revision will require Town Council action.</p>	<p>The Town Code and Town Ordinance will be reviewed as part of the annual review of the Storm Water Management Program. As part of the Annual Report, any revisions will be summarized. In the event no revisions were made during the permit year, a statement acknowledging that the review of the Code and Ordinance was performed, and no revisions were made, will be included.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>The Town Code and Town Ordinance will be reviewed once per year.</p>	Current



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3.3 Visual Monitoring (Dry Weather)	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul>	Detect and eliminate illicit discharges and connections to Gilbert’s MS4 through the implementation of annual dry-weather visual monitoring effort.	<p>A. Identify staff to perform routine dry weather monitoring at MS4 Outfalls.</p> <p>B. Conduct monitoring at the ten (10) monitoring locations as listed below. Dry weather monitoring cannot be conducted within 72 hours of a <a href="#">qualifying storm event</a>.</p> <table border="1"> <thead> <tr> <th>No.</th> <th>Outfall ID</th> <th>Location</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2033</td> <td>Queen Creek @ Ranch House Rd.</td> </tr> <tr> <td>2</td> <td>559</td> <td>Queen Creek @ Recker Rd.</td> </tr> <tr> <td>3</td> <td>107355</td> <td>Sonoqui Wash @ Higley Rd.</td> </tr> <tr> <td>4</td> <td>107333</td> <td>Queen Creek Rd. @ Eastern Maricopa Floodway</td> </tr> <tr> <td>5</td> <td>107740</td> <td>Sonoqui Wash west of Soboba Rd.</td> </tr> <tr> <td>6</td> <td>107744</td> <td>Sonoqui Wash @ Soboba Rd.</td> </tr> <tr> <td>7</td> <td>111035</td> <td>Queen Creek east of Ranch House Rd..</td> </tr> <tr> <td>8</td> <td>111976</td> <td>Western Canal @ Lindsay Rd.</td> </tr> <tr> <td>9</td> <td>112226</td> <td>Riggs Rd. @ Eastern Maricopa Floodway</td> </tr> <tr> <td>10</td> <td>113137</td> <td>Sonoqui Wash @ Recker Rd.</td> </tr> <tr> <td>11</td> <td>101409</td> <td>Western Canal North of Hearn Wy.</td> </tr> <tr> <td>12</td> <td>111973</td> <td>Western Canal @ Gilbert Ln.</td> </tr> <tr> <td>13</td> <td>115112</td> <td>Western Canal @ Neeley St.</td> </tr> </tbody> </table> <p>C. Monitoring will be documented using the Visual Inspection Form (<b>Appendix L</b>). Completed forms will be saved in Appendix L for future reference.</p> <p>D. If an illicit discharge is observed, additional investigations will be performed to determine the source.</p> <p>E. If necessary, enforcement actions, as described in Chapter 30, Article III of the Town Code, will be taken to eliminate the illicit discharge.</p>	No.	Outfall ID	Location	1	2033	Queen Creek @ Ranch House Rd.	2	559	Queen Creek @ Recker Rd.	3	107355	Sonoqui Wash @ Higley Rd.	4	107333	Queen Creek Rd. @ Eastern Maricopa Floodway	5	107740	Sonoqui Wash west of Soboba Rd.	6	107744	Sonoqui Wash @ Soboba Rd.	7	111035	Queen Creek east of Ranch House Rd..	8	111976	Western Canal @ Lindsay Rd.	9	112226	Riggs Rd. @ Eastern Maricopa Floodway	10	113137	Sonoqui Wash @ Recker Rd.	11	101409	Western Canal North of Hearn Wy.	12	111973	Western Canal @ Gilbert Ln.	13	115112	Western Canal @ Neeley St.	<p>Twenty (20) percent of the outfalls will be visually monitored during dry weather conditions. Additional monitoring efforts will be performed in response to complaints filed with the Town (On-line Reporting, Email and/or Hotline).</p> <p>Number of visual monitoring efforts (routine, complaint response, or follow-up) will be reported as part of the Annual Report. Any actions taken will be summarized as part of the Annual Report.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	Visual monitoring will occur annually over the permit term.	Current
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BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
3.4 Visual Monitoring (Wet Weather)	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul>	<p>Monitor stormwater discharges at MS4 outfalls during a qualifying storm event. To the extent practicable, the stormwater sampling should include the first-flush discharge.</p>	<p>A. Identify staff responsible for performing routine wet weather monitoring at MS4 Outfalls (See List in MCM 3.3), collecting of first-flush samples and maintaining the passive water samplers.</p> <p>B. Collect samples from passive samplers following a qualifying storm event.</p> <p>C. Collect samples using active samplers (pole mounted dipper/ladle).</p> <p>D. Take photos of the sample and provide comments on the following observations, which may indicate a potential illicit discharge or indicate an area that requires pollution prevention BMP.</p> <ul style="list-style-type: none"> <li>• color</li> <li>• clarity</li> <li>• floatables</li> <li>• odor</li> <li>• debris</li> <li>• sheen</li> </ul> <p>E. The findings will be documented on the Visual Monitoring Inspection Form (<b>Appendix L</b>).</p> <p><sup>1</sup> Staff members assigned to conduct monitoring activities must be aware of their surroundings at all times and cease monitoring activities whenever site conditions are determined to be unsafe or hazardous in nature.</p> <p><sup>2</sup> If possible, during active sampling will be conducting the wet weather visual monitoring efforts.</p> <p><sup>3</sup> Until a local rain gage has been installed, (Future best management practice MCM 3.9) precipitation data can be obtained from the FCDMC Rainfall webpage at <a href="http://Maricopa.gov_Rainfall-Data">Maricopa.gov_Rainfall-Data</a>.</p> <p><sup>4</sup> Should an illicit discharge or potential pollutant source be suspected, additional wet weather and dry weather monitoring efforts will occur, and appropriate actions will be taken (i.e., enforcement, implantation of additional BMPs).</p>	<p>Twenty (20) percent of the outfalls will be visually monitored during wet weather conditions. Additional monitoring efforts will be performed should an illicit discharge be suspected.</p> <p>Number of visual monitoring efforts (routine, complaint response, or follow-up) will be reported as part of the Annual Report. Any actions taken will be summarized as part of the Annual Report.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Visually monitoring will occur annually over the permit term.</p>	<p>Current</p>



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
3.5 Illicit Discharge Identification and Elimination	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Public Works:</b> Wastewater Division</p>	Implement a process to detect and eliminate illicit discharges and unpermitted connections to the MS4s.	<p>Assign staff to investigate potential illicit discharges. Sources that could necessitate an investigation include:</p> <ul style="list-style-type: none"> <li>dry weather visual monitoring,</li> <li>field observations*</li> <li>complaints received through the illicit discharge reporting system (MCM 3.8).</li> <li>routine inspections of storm sewer and sanitary sewer infrastructure (Routine inspections of MS4 infrastructure is part of the outfall/manhole inspection program conducted by the Environmental Compliance staff and is designed to complement the existing programs and serves to create a sound, well-rounded program for meeting the goal of the IDDE program. Routine inspections of the storm drain system are conducted by the Wastewater Division as part of the video/camera inspections of the sanitary sewer system.)</li> </ul> <p>Once a potential illicit discharge is reported the investigation will begin as soon as practicable. The steps in responding to a potential illicit discharge are as follows.</p> <ol style="list-style-type: none"> <li>Locate the reported discharge or evidence of a recent discharge.</li> <li>Determine if the discharge is prohibited by Chapter 30 Article II of the Municipal Town Code. If the discharge is not prohibited by the Code, contact the responsible party and provide information on how to minimize pollutants that may enter into the MS4.</li> <li>Tracking the discharge or evidence of a recent discharge by inspecting upstream sources, (streets, gutters, catch basins, laterals, mains, manholes, etc.), or reviewing as-built plans or GIS Data to determine storm drain connection points, laterals, mains, landmarks, etc. Video inspections maybe used when tracking through sub-surface infrastructure.</li> <li>Upon confirming an illicit discharge, contact the responsible party to inform them they need to cease discharging into the MS4 immediately and if necessary clean up pollutants.</li> <li>Conduct a reinspection within three (3) business days.</li> <li>Document findings and actions on the IDDE Form found in <b>(Appendix L)</b>.</li> </ol>	<p>Gilbert staff will investigate all reports of a potential illicit discharge regardless of source. The number of IDDE Inspections will be tracked and documented as part of the Annual Report for the permit year. Follow up actions will be summarized for each investigation and provided as supporting documentation.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p> <p>Completed forms will be stored in <b>(Appendix L)</b> of the SWMP.</p> <p>It should be noted that field observations will include the staff from the Environmental Compliance Division attending the occasional but scheduled release of the flow from the domestic-water wells. These discharges are considered to be allowable. However, the staff from the Environmental Compliance Division will be on hand to ensure that the release complies with all aspects of the permit.</p>	The means to report a violation will be active throughout the permit year.	Current



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
3.6 Unpermitted Facilities	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Development Services:</b> Business Registration and Licensing</p>	Identify unpermitted facilities and/or activities that are located in or discharge to the MS4.	<p>Assign staff to track the number of qualified construction sites (i.e., disturbance 1&gt; ac or part of a larger disturbance or planned development) and industrial sites that could require coverage under <a href="#">ADEQ's MSGP</a>.</p> <p>Audit (up to twelve) qualified construction sites for CGP coverage using the <a href="#">ADEQ's search engine</a>. If the Town suspects or has identified the construction site as a non-filer, the Town will send a report containing the facility name and location to ADEQ (<a href="mailto:AZPDES@azdeq.gov">AZPDES@azdeq.gov</a>) within thirty (30) days of discovery of a non-filer. Staff will also instruct the contractor or site operator that coverage under the ADEQ's CGP is required for their construction site and/or construction activity.</p> <p>Business Registration and Licensing Division will run reports to determine if any new industrial facilities have applied for business licenses within the Town. The businesses SIC codes will be cross-referenced to the Multi-Sector General Permit (MSGP) SIC code list to determine if the business is required for a MSGP. The Town will cross-reference the list of qualifying business with ADEQ's megasearch database (<a href="http://megasearch.azdeq.gov/megasearch/">http://megasearch.azdeq.gov/megasearch/</a>) if the business is not listed, the Town will mail an informational letter stating that the business owner should contact ADEQ to determine if MSGP coverage is needed. If the Town suspects or has identified the business as a non-filer, the Town will send a report containing the facility name and location to ADEQ (<a href="mailto:AZPDES@azdeq.gov">AZPDES@azdeq.gov</a>) within thirty (30) days of discovery.</p>	<p>The number of construction sites audited during the permit year will be tracked. The number of construction sites found not to have CGP coverage will be tracked. The number of industrial facilities contracted during the permit year will be tracked. The number of facilities found not to have MSGP coverage will be tracked. The data will be reported as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	Reviewing the permit status of construction sites and industrial facilities will occur throughout the year.	Current
3.7 IDDE Staff Training	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> <li>Environmental Compliance Coordinator</li> </ul>	Implement a training program on illicit discharge detection and elimination, stormwater quality and all facets of the SWMP.	Assign staff to oversee SWMP Training program that may include training opportunities generated by in-house staff or through a 3 <sup>rd</sup> party vendor ( <a href="#">neogov</a> ) to provide training on the SWMP, ADEQ IDDE Requirements, Gilbert's IDDE BMPs, Construction Sites and Post Construction Inspections and overall stormwater quality and pollution prevention. Training attendance will be tracked using the Training Log provided in ( <b>Appendix L</b> ) or certificates of completion if conducted by a 3 <sup>rd</sup> Party Vendor.	<p>The number of training opportunities will be tracked. The number of staff trained will be tracked. The topics will be documented. The data will be reported as part of the Annual Report for each the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	Training will be conducted throughout the year and will be attended by 100% of staff that are tasked with implementing any aspect of the SWMP.	



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
3.8 Illicit Discharge Reporting	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Information Technology Department</b> Geographic Information Services Division</p>	Develop and maintain measures that will allow the public to report a potential illicit discharge or stormwater violation for the purpose of eliminating illicit discharges and improving stormwater quality.	<p>Gilbert staff will actively respond to Stormwater Violation Reports stemming from the <a href="#">Stormwater Webpage</a>. The webpage provides three (3) methods for reporting a violation (on-line form, phone number, and email). Applicable complaints will be forwarded to the Environmental Compliance Coordinator for investigation.</p> <p>As part of the annual review of the Stormwater Management Program, the on-line form, phone number and email will be verified to ensure they are functioning as intended.</p>	<p>The number of complaints submitted through three (3) methods will be tracked and documented as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	The means to report a violation will be active throughout the permit year.	Current
3.9 Rain Gage Installation	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Public Works:</b> Streets Division</p>	Install a rain gage within a property owned by the Town of Gilbert to assist in timing collection of samples from a qualifying event as part of the IDDE requirements and characterization monitoring requirements.	In a collaborative effort between Gilbert staff, a viable location for a precipitation gage will be selected. The gage will be installed and connected to the existing Town emergency alert system with the intent of notifying members of the Environmental Compliance Division when a qualifying event is occurring. Future efforts will include maintaining and servicing the gage annually.	<p>Initially the measurable goal will be to install and activate the rain gage. Future measurable goals will include tracking the maintenance of the gage.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	Installation will occur once during the permit term. It is anticipated that maintenance will occur annually.	Future (2023)

## APPENDIX E MCM 4 CONSTRUCTION ACTIVITY STORMWATER RUNOFF CONTROL BMP DETAILS

- MCM 4.1 Inventory
- MCM 4.2 Plan Review
- MCM 4.3 Staff Training
- MCM 4.4 Contractor and Operator Education
- MCM 4.5 Inspection and Enforcement Procedures

### QUICK LINKS

[Appendix A: MS4 Infrastructures Maps](#)

[Appendix B: MCM 1 Public Education and Outreach BMPs](#)

[Appendix C: MCM 2 Public Participation and Involvement BMP Details](#)

[Appendix D: MCM 3 Illicit Discharge Detection and Elimination Program BMP Details](#)

[Appendix E: MCM 4 Construction Activity Stormwater Runoff Control BMP Details](#)

[Appendix F: MCM 5 Post-Construction Stormwater Management in New Development and Redevelopment BMP Details](#)

[Appendix G: MCM 6 Pollution Prevention/Good Housekeeping for Municipal Operations BMP Details](#)

[Appendix H: Sampling and Analysis Plan](#)

[Appendix I: Notice of Intent](#)

[Appendix J: Annual Report](#)

[Appendix K: Annual Review and Revision Log](#)

[Appendix L: Forms](#)

[Appendix M: Site Specific SWPPP](#)

BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
4.1 Construction Site Inventory	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Development Services</b> Engineering Plan Review Department</p>	<p>Prepare and maintain up-to-date inventory of all active construction sites and construction activities that are located within Town of Gilbert incorporated limits.</p>	<p>Using the tracking software (Lucity), Gilbert staff will enter and track on-going construction activities within the Town. Information used to track the construction projects will be generated when a project is submitted for plan review. Tracking of site comes from querying the data based by site address, which will allow inspectors to easily locate the site ahead of an inspection (MCM4.3) or for an audit (MCM 3.6). Construction sites will no longer be tracked once the final inspection has been completed.</p>	<p>All construction projects will be entered into the Lucity system for tracking. The number of active construction projects will be documented as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Data will be entered into Lucity throughout the course of the year.</p>	<p>Current</p>
4.2 Site Plan Review	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Development Services</b> Engineering Plan Review Department</p>	<p>Develop and implement a plan review process to review civil plans to ensure compliance with <a href="#">ADEQ's AZPES CGP</a>, <a href="#">General Permit AZGS2021</a>, <a href="#">Gilbert Municipal Code Article III</a> and <a href="#">Town Ordinance 1590 Sec. 30-56</a>. The authority to review plans is part of the <a href="#">Gilbert Municipal Town Code</a>.</p>	<p>Assign staff to perform plan reviews, all plan reviews will be conducted in accordance with the adopted plan review process.</p> <ul style="list-style-type: none"> <li>Civil Plans are submitted to the Town's Development Services Department and the project is logged into the Lucity System.</li> <li>As plans are reviewed, approval dates are documented in the Lucity System.</li> <li>The contractor is notified once plans have been approved such that a building permit can be issued.</li> <li>The approved plans are stamped with a reminder for the Contractor to review the associated stormwater requirements with ADEQ. The contractor is responsible for providing the Town with a copy of the Stormwater Pollution Prevention Plan (SWPPP<sup>1</sup>), with accompanying copy of the NOI, and Authorization to Discharge Letter with AZCON Number, and/or Erosion Control Plan (ECP<sup>2</sup>) before the contractor can begin earthwork.</li> </ul> <p><sup>1</sup> For construction sites or construction activities that disturb or will disturb one (1) or more acres within the permitted area, including those that are less than one (1) acre but are part of a larger common plan of development that will ultimately disturb greater than one (1) acre a Stormwater Pollution Prevention (SWPPP) will be required as part of the submittal.</p> <p><sup>2</sup> For sites that do not require an SWPPP, an erosion control plan, to be implemented during construction, will be required.</p>	<p>The number of plans reviewed, as entered in the Lucity System, will be documented as part of the Annual Report for the permit year. The number of Storm Water Pollution Prevention Plans submitted and the number of Erosion Control Plans reviewed will be documented as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Plan reviews will occur throughout the year.</p>	<p>Current</p>



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
4.3 Contractor and Operator Education Materials	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Development Services</b> Engineering Plan Review Department</p>	Develop/catalogue and distribute educational materials with specific messages for contractors and construction site operators.	<p>Throughout the permit term, assigned staff will distribute educational materials to contractors and operators. Opportunities when materials are distributed include;</p> <ul style="list-style-type: none"> <li>During initial plan review application (Hotlink to the web page).</li> <li>At the time when the building permit is issued. (Hard Copy Brochures)</li> <li>During Site Inspections (Hard Copy Brochures)</li> </ul> <p>Current brochures include:</p> <ul style="list-style-type: none"> <li>Construction Activities – Stormwater Pollution Prevention”</li> <li>“Construction BMPs”</li> <li>“Stormwater Pollution Prevention for Construction Sites”</li> </ul>	<p>The number of educational materials distributed will be documented in the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	Construction-site specific brochures and educational material will be available throughout the year via the webpage. Hardcopies of the material will be available throughout the year as part of the distribution efforts.	Current
4.4 Staff Training	<p><b>Public Works:</b> Environmental Compliance Division Environmental Compliance Manager</p>	Implement a training program that is specific to pollution prevention and illicit discharge elimination at construction sites and associated with construction activities.	<p>Assign staff to oversee SWMP Training program that may include training opportunities generated by in-house staff or through a 3<sup>rd</sup> party vendor (<a href="http://neogov">neogov</a>). Training topics specific to Construction Activity Stormwater Runoff Control include, but are not limited to;</p> <ul style="list-style-type: none"> <li>Plan review for stormwater quality, stormwater pollution prevention and erosion control,</li> <li>Construction sites inspections for storm water quality, stormwater pollution prevention and erosion control,</li> <li>and/or an Overview of the IDDE Program and the recognition of what is considered to be an allowable non-stormwater discharge.</li> </ul> <p>Training attendance will be tracked using the Training Log provided in (<b>Appendix L</b>) or certificates of completion if conducted by a 3<sup>rd</sup> Party Vendor.</p>	<p>The number of training opportunities will be tracked. The number of staff trained will be tracked. The topics will be documented. The data will be reported as part of Annual Report for each the permit year.</p>	Training will be conducted throughout the year and will be attended by 100% of staff that are tasked with implementing construction aspects of the SWMP.	Current

BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
4.5 Inspection and Enforcement Procedures	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Development Services</b> Inspection and Code Compliance Section</p>	Develop, implement, and enforce a program to reduce pollutants in stormwater runoff to the Gilbert's MS4 from construction activities.	<p>Gilbert staff will perform stormwater quality inspections of construction sites and construction activities based on the following frequency criteria (General Permit <a href="#">AZGS2021-002</a> Section 6.4.f). and using the form prepared by ADEQ and provided in <b>Appendix L</b>. The approved Stormwater Pollution Prevention Plan (SWPPP) and/or Erosion Control Plan (ECP) will serve as the basis for the inspection.</p> <p><u>GOAL FOR PRIVATE DEVELOPMENT PROJECTS:</u></p> <p><u>For sites disturbing 1 acre or more and within ¼ mile of an impaired, not attaining, or protected surface water</u></p> <ul style="list-style-type: none"> <li>➤ Weekly and, within 24 hours of a storm event having a precipitation amount of 0.5 inches in a 24-hour period.</li> </ul> <p><u>For sites not meeting the above</u></p> <ul style="list-style-type: none"> <li>➤ Within 1 month of the start of construction</li> <li>➤ and quarterly thereafter</li> <li>➤ and upon completion of construction prior to final approval or occupancy</li> </ul> <p><u>GOAL FOR CAPITAL IMPROVEMENT PROJECTS (CIP):</u></p> <p><u>For sites disturbing 1 acre or more and within ¼ mile of an impaired, not attaining, or protected surface water</u></p> <ul style="list-style-type: none"> <li>➤ Weekly and, within 24 hours of a storm event having a precipitation amount of 0.5 inches in a 24-hour period.</li> </ul> <p><u>For sites not meeting the above</u></p> <ul style="list-style-type: none"> <li>➤ Within 1 month of the start of construction</li> <li>➤ and quarterly thereafter</li> <li>➤ and upon completion of construction prior to final approval or occupancy</li> </ul> <p>The inspection procedure to be used by the Gilbert Inspectors includes the following tasks.</p> <p>A. Performing a visual inspection of the site/activity perimeter to;</p> <ul style="list-style-type: none"> <li>• identify discharge locations as presented on the SWPPP or ECP and evidence of new off-site discharges locations,</li> </ul>	<p>Gilbert staff will perform inspections of 100% of construction sites and construction activities with the intent of achieving 80% of the scheduled inspections during the course of the permit year. The inspections will be completed using the form provided in Appendix L.</p> <p>The number of construction sites inspected, and the frequency of the inspections will be documented as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p> <p>Completed inspection forms will be stored in Appendix L of the SWMP.</p>	Inspections will occur through the course of the year.	Current



			<ul style="list-style-type: none"> <li>• locate/identify the perimeter controls as shown on the SWPPP or ECP,</li> <li>• locate the posted AZCON# or NOI Certificate. (If none is evident, the inspector may request to see the documents. If at the completion of the inspection the documents are not observed, found or provided, Gilbert will notify ADEQ for follow-up.)</li> <li>• Document the findings on Section II of the Form.</li> </ul> <p>B. Upon notifying the facility operator, site supervisor, and/or NOI/SWPPP Point of Contract, proceed with the on-site inspection comparing the implemented best management practices (BMPs) with those presented on the SWPPP or Erosion Control Plan. (Note that the site representative will be allowed to accompany the inspector during the inspection. The on-site inspection, at a minimum, will;</p> <ul style="list-style-type: none"> <li>• locate/identify the erosion and sediment control best management practices controls as shown on the SWPPP or ECP,</li> <li>• identify/review/locate the good housekeeping BMPs implemented at the facility,</li> <li>• compare the implemented BMPs with those presented in the SWPPP and ECP noting omissions, revisions or discrepancies,</li> <li>• evaluate the effectiveness of the BMPs,</li> <li>• document the findings on Section III of the form and on the SWPPP or ECP.</li> </ul> <p>C. Upon completion of the inspection, the inspector will meet with site representatives to explain the outcome of the inspection and address any required corrective actions. If corrected actions are needed a Follow-Up Inspection can be scheduled within ten (10) business days from the date of the initial inspection. (It should be noted that because the SWPPP and ECP are meant to be living documents, the inspector, at their discretion, may review the on-site SWPPP or ECP to verify if any missing or omitted items were part of a documented revision).</p> <p>D. Failure to address the corrective actions will be enforced in accordance with the Enforcement Response Plan (ERP).</p>			
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## APPENDIX F MCM 5 POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT BMP DETAILS

- MCM 5.1 Stormwater Control Measures Inventory
- MCM 5.2 Site Plan Review
- MCM 5.3 Inspection and Enforcement Procedures
- MCM 5.4 Staff Training
- MCM 5.5 Post-Construction Educational Materials

### QUICK LINKS

[Appendix A: MS4  
Infrastructure Maps](#)

[Appendix B: MCM 1 Public  
Education and Outreach  
BMPs](#)

[Appendix C: MCM 2 Public  
Participation and Involvement  
BMP Details](#)

[Appendix D: MCM 3 Illicit  
Discharge Detection and  
Elimination Program BMP  
Details](#)

[Appendix E: MCM 4  
Construction Activity  
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BMP Details](#)

[Appendix F: MCM 5 Post-  
Construction Stormwater  
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[Appendix M: Site Specific  
SWPPP](#)



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
5.1 Stormwater Control Measures Inventory	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Development Services</b> Engineering Plan Review Department</p> <p><b>Information Technology Department</b> Geographic Information Services Division</p>	<p>Prepare and maintain an up-to-date inventory of post-construction stormwater control measures.</p>	<p>Using the tracking software (Lucity), Gilbert staff will enter new development and redevelopment projects such that post-construction stormwater control measures can be inventoried and scheduled for inspections.</p> <p>Once recorded, Gilbert Staff will inventory the post-construction stormwater control measures and categorize them such that they can be added to the database.</p>	<p>The number of new developments and redeveloped sites will be tracked. The number and type of post-construction stormwater control measures will be tracked. The data collected as part of MCM 5-1 will be documented as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Data will be entered into the Lucity system throughout the course of the year.</p>	<p>Current</p>
5.2 Site Plan Review	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Development Services</b> Engineering Plan Review Department</p>	<p>Develop and implement a plan review process to review civil plans to ensure compliance with <a href="#">General Permit AZGS2021</a>, <a href="#">Gilbert Municipal Code Article III</a> and <a href="#">Town Ordinance 1590 Sec. 30-57</a>. The authority to review plans is part of the <a href="#">Gilbert Municipal Town Code</a>.</p>	<p>Assign staff to perform plan reviews, All plan reviews will be conducted in accordance with the adopted plan review process.</p> <ul style="list-style-type: none"> <li>Civil Plans are submitted to the Town’s Development Services Department and the project is logged into the Lucity System.</li> <li>As plans are reviewed, approval dates are documented in the Lucity System.</li> <li>Plans are reviewed to verify that post-construction stormwater control measures are include and that general notes or recorded covenants, conditions and restrictions are in place that;                             <ul style="list-style-type: none"> <li>ensure that the stormwater measures are to be maintained in perpetuity,</li> <li>name the party responsible(s) for overseeing the operation and maintenance of the measure,</li> <li>ensure that Gilbert has the right to inspect the post-construction stormwater control measures,</li> <li>state that failure to maintain the stormwater control measures will result in a notice of violation,</li> <li>and provide the Town, at its discretion, the right to perform maintenance on the post-construction control measure, and the right to seek reimburse for the incurred cost.</li> </ul> </li> </ul>	<p>The number of plans reviewed, as entered in the Lucity System, will be documented as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Plan reviews will occur throughout the year.</p>	<p>Current</p>



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
5.3 Inspection and Enforcement Procedures	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Development Services</b> Inspection and Code Compliance Section</p>	<p>Develop, implement, and enforce an inspection program of public and private post-construction stormwater control measures, in order to reduce pollutants in stormwater runoff from entering to the MS4.</p>	<p>Gilbert staff will perform post-construction reviews for both publicly and privately owned and operated facilities and stormwater control measures (Note storm water control measures include but are not limited to culverts, channels, storm drains, catch basins, retention basins and drywells). The inspections will be documented using the form provided in <b>Appendix L</b>.</p> <p>Gilbert requires the owner/operator to properly maintain privately owned post-construction stormwater controls. This requirement is documented in the form of maintenance agreements, covenants, conditions and restrictions and is recorded on the final as-built plans, recorded with the deeds/plats, and entered into the Town's Lucity system. However, upon receiving a report of a potential stormwater quality violation or potential illicit discharge, Gilbert staff will inspect the privately owned and maintained stormwater control measures. These inspections will be documented using the form provided in Appendix L.</p> <p>In the event that the reported potential stormwater quality violation or potential illicit discharge is found to originate on a development or redevelopment located in County islands, Gilbert staff will work with Maricopa County to identify parties responsible for operating and maintaining the stormwater control measure.</p>	<p>Gilbert staff will inspect, at a minimum, 20% of its post-construction stormwater control measures annually (Public Facilities).</p> <p>Gilbert staff will inspect 100% of the stormwater quality violations or potential illicit discharges reported (Private Facilities).</p> <p>The number of inspections of publicly owned and operated stormwater control measures will be tracked. The number of inspections of privately owned and maintained stormwater quality measures will be tracked. A summary of maintenance on publicly owned stormwater control measures will be prepared. A summary of any corrective action taken on privately owned and maintained stormwater control measures will be prepared. The data collected as part of MCM 5.3.will be documented as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p> <p>Completed inspection forms will be stored in Appendix L of the SWMP.</p>	<p>Inspections will occur through the course of the year.</p>	<p>Current</p>
5.4 Staff Training	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul>	<p>Implement a training program that is specific to post-construction pollution prevention and illicit discharge elimination at development and redevelopment sites.</p>	<p>Assign staff to oversee SWMP Training program that may include training opportunities generated by in-house staff or through a 3<sup>rd</sup> party vendor (<a href="https://neogov.com">neogov</a>). Training topics specific to Construction Activity Stormwater Runoff Control include but are not limited to;</p> <ul style="list-style-type: none"> <li>Reviewing Plans for post-construction stormwater controls and required maintenance agreements.</li> <li>Inspection of publicly owned and maintained storm water quality measures.</li> <li>Inspection of privately owned and maintained storm water quality measures.</li> </ul> <p>Training attendance will be tracked using the Training Log provided in (<b>Appendix L</b>) or certificates of completion if conducted by a 3<sup>rd</sup> Party Vendor.</p>	<p>The number of training opportunities will be tracked. The number of staff trained will be tracked. The topics will be documented. The data will be reported as part of Annual Report for each the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Training will be conducted throughout the year and will be attended by 100% of staff that are tasked with implementing post-construction stormwater management aspects of the SWMP.</p>	<p>Current</p>



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
5.5 Post-Construction Education Materials	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Development Services</b> Engineering Plan Review Department</p>	Develop/catalogue and distribute educational materials with specific messages for owner/operators of stormwater control measures.	<p>Throughout the permit term, assigned staff will provide and distribute educational materials to owner/operators of post-construction stormwater control measures and general information about reducing stormwater pollutants in the MS4. Opportunities when materials are distributed include;</p> <ul style="list-style-type: none"> <li>During initial plan review application (Hotlink to the web page).</li> <li>At the time when the building permit is issued. (Hard Copy Brochures)</li> <li>During Site Inspections (Hard Copy Brochures)</li> </ul> <p>Current brochures include,</p> <ul style="list-style-type: none"> <li>“Storm Water Pollution Prevention: Mobile Businesses”</li> <li>“Drywells”</li> <li>“Storm Water Pollution Prevention: Auto Maintenance</li> </ul> <p>The Town of Gilbert will provide, upon request, Post-Construction Stormwater Pollution Prevention Plans for HOA's. Staff will respond to these requests, which are generated through the <a href="#">stormwater webpage</a>. The form used in replying to these requests is provided in <b>Appendix L</b>.</p>	<p>The number of educational materials distributed will be documented in the Annual Report for the permit year. The number of requests for Post-Construction Stormwater Pollution Prevention Plans will be reported in the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	Post-construction specific brochures and educational material will be available throughout the year via the webpage. Hardcopies of the material will be available throughout the year as part of the distribution efforts.	Current

## APPENDIX G MCM 6 POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS BMP DETAILS

- MCM 6.1a Inventory of Municipal Operations and Facilities
- MCM 6.1b Prioritization of Municipal Operations and Facilities
- MCM 6.2 Site Specific Storm Water Pollution Prevention Plans (High and Medium Risk Sites)
- MCM 6.3 Good Housekeeping Operations for Low-Risk Municipal Facilities and Operations
- MCM 6.4 Municipal Operation and Facility Inspections
- MCM 6.5 Street Sweeping
- MCM 6.6 Stormwater Infrastructure Maintenance and Cleaning Program
- MCM 6.7 Drywell and Inspection and Maintenance Program
- MCM 6.8 Pollution Prevention Measures - Municipal Maintenance Activities
- MCM 6.9 Staff Training
- Inventory of Prioritized Sites

### QUICK LINKS

[Appendix A: MS4 Infrastructure Maps](#)

[Appendix B: MCM 1 Public Education and Outreach BMP Details](#)

[Appendix C: MCM 2 Public Participation and Involvement BMP Details](#)

[Appendix D: MCM 3 Illicit Discharge Detection and Elimination Program BMP Details](#)

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BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
6.1a Inventory of Municipal Operations and Facilities	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Public Works:</b> Engineering Services</p> <p><b>Information Technology Department</b> Geographic Information Services Division</p>	Prepare and maintain an up-to-date inventory of municipal operations and facilities that may have the potential to discharge pollutants to the MS4.	Gilbert Public Works Department staff will develop and maintain a map and/or list of all facilities that can be utilized for conducting site inspections. Facilities may include, but are not limited to the Town Hall, police and fire stations, municipal pools, parks, town yards, well sites, airport, water and wastewater treatment facilities, fleet repair, etc.	<p>The map and/or list will be updated to reflect new municipal facilities constructed or redeveloped during the year, and any existing facility not previously identified. The number and types of revisions will be tracked. The data collected as part of MCM 6-1a will be documented as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	The map and/or list will be updated as necessary throughout the year.	Current
6.1b Prioritization of Municipal Operations and Facilities	<p><b>Public Works:</b> Environmental Compliance Division</p> <p>Environmental Compliance Manager</p>	Prioritize the municipal facilities inventory, ranking them from lowest to highest risk in terms of the potential for the discharge of pollutants to the MS4.	Gilbert Environmental Compliance staff will review the inspection records, type of operation and potential risk to discharge pollutants to the MS4 of all the municipal facilities. Following this review, a priority ranking will be assigned, and inspection schedule determined based on Section 6.6.2.c <a href="#">General Permit AZGS2021</a> . Facilities ranked may include, but are not limited to Town Hall, police and fire stations, municipal pools, parks, town yards, well sites, airport, water and wastewater treatment facilities, fleet repair, etc. The rankings will be represented on a map of the municipal operations or as part of a list of the operations. A list of the rankings is provided below ( <b>Site Rankings</b> ).	<p>The map and/or list will be updated to reflect new site prioritization or when the prioritization of a site has been revised. The number and types of revisions will be tracked. The data collected as part of MCM 6-1b will be documented as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	The map and/or list will be updated as necessary throughout the year.	Current
6.2 Site Specific Storm Water Pollution Prevention Plans (High and Medium Risk Sites)	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Public Works:</b> Engineering Services Division</p> <p><b>Public Works:</b> Household Hazardous Waste</p> <p><b>Public Works:</b> Streets Division</p> <p><b>Public Works:</b> Water and Wastewater Divisions</p>	Develop, implement and maintain site-specific Stormwater Pollution Prevention Plans (SWPPP) for high and medium risk municipal operations.	<p>Upon completion of the priority ranking, Gilbert Public Works staff will prepare site-specific (SWPPPs) for the high and medium risk sites. The SWPPP will contain the best management practices (BMPs) that will be implemented at the municipal operation. The SWPPPs will be evaluated and modified as necessary to prevent storm water pollution and illicit discharges from entering the MS4.</p> <p>The SWPPP will be implemented upon completion and will be evaluated during site inspections and as part of the Annual Review of the SWMP.</p> <p>The SWPPP will be stored in <b>Appendix M</b> of the SWMP.</p>	<p>The number of SWPPPs and the name and location of the sites for which the SWPPP was prepared will be documented as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	SWPPPs will be created throughout the year.	Current



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
6.3 Good Housekeeping Operations for Low-Risk Municipal Facilities and Operations	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Public Works:</b> Engineering Services Division</p> <p><b>Public Works:</b> Household Hazardous Waste</p> <p><b>Public Works:</b> Streets Division</p> <p><b>Public Works:</b> Water and Wastewater Divisions</p>	Develop and implement a good housekeeping program for low-risk facilities and municipal operations, which includes installing, and inspecting BMPS at low-risk municipal operations for the purpose of preventing, trash, floatable debris, pollutants and illicit discharges from entering the MS4.	<p>In an inter-division, cooperation effort, Public Works Department staff will develop, implement and maintain a series of BMPs at the low-risk municipal operations and facilities. Operations and facilities may include, but are not limited to the Town Hall, low-risk fire and police stations, parks, libraries, tech facilities, select well sites and public pools.</p> <p><u>LOW-RISK MUNICIPAL OPERATIONS BMPs</u></p> <p><u>Material/Chemical Storage:</u></p> <ul style="list-style-type: none"> <li>It is recognized that minor amounts of chemicals will be stored at each facility (i.e., cleaning products). These products will be kept indoors in their original containers. Pesticides and herbicides associated with landscaping efforts will be brought on-site at the time of need and not stored within the facility. Bulk amounts of materials or chemicals necessary for facility maintenance, or improvements will be brought on-site at the time of need and not stored within the facility.</li> </ul> <p><u>Litter Control</u></p> <ul style="list-style-type: none"> <li>Trash receptacles will be provided on site to collect small amounts of garbage and non-hazardous waste. The receptacles will have lids to prevent wind from carrying refuse out of the receptacle.</li> </ul> <p><u>Waste and Trash Removal:</u></p> <ul style="list-style-type: none"> <li>Removal of waste and trash will be based on a set schedule (trash receptacles).</li> </ul> <p><u>Training</u></p> <ul style="list-style-type: none"> <li>It is recognized that staff at these facilities will not be part of the routine training schedule. However, the Environmental Compliance Division, will provide when the opportunity arises, (i.e., after an inspection) to educate facility operators of the importance of stormwater quality and the Towns responsibilities in implementing its Stormwater Management Program.</li> </ul> <p><u>Inspections</u></p> <ul style="list-style-type: none"> <li>Site inspections will occur at least once during the permit year.</li> <li>Inspections will examine the following items                             <ul style="list-style-type: none"> <li>trash receptacles</li> </ul> </li> </ul>	<p>The number of inspections conducted, the names and locations of the inspections and the results will be tracked. The number of inspections and the name of the facilities inspected will be documented as part of the Annual Report for the permit year. Any corrective actions taken or BMPs modified for any of the low-risk sites inspected will be summarized as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	Implementation of the Good Housekeeping Operations as well as the inspections of the low-risk municipal facilities will occur throughout the year.	Current



			<ul style="list-style-type: none"> <li>✓ vehicle/equipment storage areas and parking lots</li> <li>✓ outdoor storage areas</li> <li>✓ drainage infrastructure (i.e., retention basins, culverts and storm drains, sumps)</li> <li>✓ common areas and landscape areas</li> <li>✓ facility specific areas identified by the Environmental Compliance Division</li> </ul> <p>The assigned staff will review the results of the inspection and, if necessary, escalate items that need attention such that work orders can be created in the Lucity asset management system. Inspections will be documented on the form provided in <b>Appendix L</b>. Upon completion inspection forms will be stored Appendix L.</p>			
6.4	<p>Municipal Operation and Facility Inspections</p> <p><b>Public Works:</b> Environmental Compliance Division Environmental Compliance Manager</p> <p><b>Public Works:</b> Engineering Services Division</p> <p><b>Public Works:</b> Household Hazardous Waste</p> <p><b>Public Works:</b> Water and Wastewater Divisions</p>	<p>Develop, and implement an inspection program of the BMPS installed at the municipal operations for the purpose of preventing, trash, floatable debris, pollutants and illicit discharges from entering from entering the MS4.</p>	<p>A. Gilbert Environmental Compliance staff will review the Stormwater Pollution Prevention Plans for each high and medium risk municipal operation. The number of inspections is provided in <b>Section 6.2</b> of the SWMP.</p> <p>B. Staff, accompanied by facility managers and maintenance staff, if necessary, will inspect the facility based on the BMPs presented on the SWPPP.</p> <p>C. The inspections will be performed to identify structures or other BMPs that are damaged, in need of repair or maintenance and to evaluate the effectiveness of a BMP. The inspection should also include the identification of possible pollutant sources for the facility and ensure that BMPs are in place that account for the potential pollutant source.</p> <p>D. Inspections will be documented using the form provided in <b>Appendix L</b>. Completed forms will be stored Appendix L for future reference.</p> <p>E. The assigned staff will review the results of the inspection and, if necessary, escalate items that need attention such that work orders can be created in the Lucity asset management system.</p>	<p>The number of inspections conducted, the names and locations of the inspections and the results will be tracked. The number of inspections and the name of the facilities inspected will be documented as part of the Annual Report for the permit year. Any corrective actions taken or BMPs modified for any of the low-risk sites inspected will be summarized as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Inspections of the high and medium risk municipal facilities will occur throughout the year.</p>	<p>Current</p>



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
6.5 Street Sweeping	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Public Works:</b> Streets Division</p>	<p>Maintain clean, safe streets and collect litter and sediment with the intent of capturing floatables and pollutants prior to entering the MS4 sewer system using equipment designed for cleaning paved surfaces. This effort will also reduce fugitive dust particulates from being entrained into the ambient air and keep gutters clear of dirt and refuse to ensure proper flow of water within the gutter and protection of asphalt surfaces along gutter line from deterioration due to water and dirt accumulation.</p>	<p>A. Public Works Streets Division staff will be assigned to street sweeping BMP.</p> <p>B. Sweeping will occur in a master schedule.</p> <p>C. Collected material will be brought to the Public Works South Area Service Center and/or the Public Works Field Operations Facility.</p> <p>D. Swept Material will be tested for hazardous characteristics as mandated by the recipient landfill operator. Note if materials are found to contain unusual material, the findings will be brought to the attention of the Public Works Director and/or the Environmental Compliance Manager.</p> <p>Note: Street sweepers will be maintained on a set schedule. Cleaning of the sweepers will be conducted only at the Fleet Maintenance Facilities where proper wash water capture control measures have been installed.</p>	<p>The total number of miles swept, and amount of material removed from the street (tons) will be tabulated and reported within the Annual Report.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Street Sweeping will occur throughout the year.</p>	<p>Current</p>
6.6 Stormwater Infrastructure Maintenance and Cleaning Program	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Public Works:</b> Streets Division</p> <p><b>Parks and Recreation</b> Park Maintenance Division</p> <p><b>Public Works:</b> Household Hazardous Waste</p> <p><b>Public Works:</b> Water and Wastewater Divisions</p>	<p>Maintain the publicly owned and operated stormwater control measures located within the MS4, removing trash, debris and sediment to restore capacity and prevent pollutants from entering the WOTUS, downstream.</p>	<p>A. Public Works staff within the various departments/divisions will be assigned to perform routine maintenance of the public publicly owned and operated stormwater control measures.</p> <p>B. Using water/vacuum trucks, pollutants will be removed from culverts, storm drains and catch basins.</p> <p>C. Collected material will be brought to the Public Works South Area Service Center and/or the Public Works Field Operations Facilities.</p> <p>D. Collected debris and sediment will be is tested for hazardous characteristics If unusual debris/sediment are identified, they will be brought to the attention of the Environmental Compliance staff for evaluation and proper disposal.</p>	<p>The number of facilities cleaned during the permit year will be tracked. The tons of debris removed from the stormwater control measures will be tracked. Any unusual debris found during testing will be documented. The data collected as part of MCM 6.6 will be incorporated into the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	<p>Maintenance of the stormwater controls will occur throughout the year.</p>	<p>Current</p>



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
6.7 Drywell and Inspection and Maintenance Program	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Public Works:</b> Streets Division</p> <p><b>Parks and Recreation</b> Park Maintenance Division</p> <p><b>Public Works:</b> Water and Wastewater Divisions</p>	Develop and implement an inspection and maintenance program of publicly owned and maintained drywells and, where applicable, the accompanying retention basins.	<p>Assigned Gilbert staff will inspect and as needed, schedule maintenance of the drywells located in public parks, street right-of-way and municipal facilities.</p> <p>Because drywells are located within retention basins, during the inspection of the drywell, the condition of the retention basin will be assessed. The purpose of the assessment is to address sources of sediment and remove trash and debris all of which can clog the drywell. Retention basin maintenance will be scheduled on an as-needed basis.</p>	<p>The number of drywells inspected during the permit year will be documented as part of the Annual Report. Maintenance efforts will be summarized as part of the submitted documentation.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	Drywell inspection and maintenance will occur throughout the permit year.	Current
6.8 Pollution Prevention Measures - Municipal Maintenance Activities	<p><b>Public Works:</b> Environmental Compliance Division</p> <ul style="list-style-type: none"> <li>Environmental Compliance Manager</li> </ul> <p><b>Public Works:</b> Streets Division</p>	Implement a program which uses specified BMPs, to prevent unauthorized discharges and pollutants that are a by-product of routine maintenance and repairs of public facilities.	<p>Activities to repair and replace pavement surfaces can lead to urban runoff pollution. Pollutants of concern include broken asphalt and concrete debris, saw-cutting slurry, concrete truck wash- out, sediment, fuel, oil, and other fluids from construction equipment. Urban runoff also can result from other cleaning activities such as graffiti removal and building cleaning. To prevent these pollutants from entering the MS4, BMPs will be implemented as part of the work operation. BMPs include, but are not limited to, the following:</p> <ul style="list-style-type: none"> <li>Conducting repairs and maintenance during periods of dry weather.</li> <li>Promptly sweeping up construction waste, sediment or saw-cut materials.</li> <li>Protecting storm drains and waterbodies by installing structural control measures such as wattles, filter socks, gravel/sandbag berms, and silt fences.</li> <li>Equipment maintenance to eliminate fluid leaks.</li> <li>Recycling material.</li> <li>Using, when possible, bio-degradable/non-hazardous chemicals during the repairs and maintenance efforts.</li> </ul>	<p>The number of maintenance activities where BMPs were implemented and a summary of the types of BMPs implemented will be documented as part of the Annual Report for the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	Repairs and maintenance of public owned and maintained municipal facilities will occur throughout the permit year. BMPs for pollution prevention will be implemented as part of these efforts.	Current



BMP Category	Responsible Department(s)/Staff Titles	Objective	Procedure	Measurable Goals & Documentation Retention	BMP Frequency	Implementation Status
6.9 Staff Training	<b>Public Works:</b> Environmental Compliance Division	Implement a training program that is specific to post-construction pollution prevention and illicit discharge elimination at development and redevelopment sites	<p>Assign staff to oversee SWMP Training program that may include training opportunities generated by in-house staff or through a 3<sup>rd</sup> party vendor (<a href="http://neogov">neogov</a>). Training topics specific to Good Housekeeping and Pollution Prevention include but are not limited to;</p> <ul style="list-style-type: none"> <li>• Inspection of publicly owned and maintained storm water quality measures.</li> <li>• Importance of Stormwater Pollution Prevention on publicly owned and operated facilities.</li> <li>• Developing, implementing, and maintaining site-specific SWPPPs.</li> <li>• Implementation and proper installation of spill prevention measures such as,                             <ul style="list-style-type: none"> <li>➤ Spill Kits</li> <li>➤ Drip Pans</li> <li>➤ Secondary containment devices</li> <li>➤ Chemical Storage and Hazardous Waste Disposal</li> </ul> </li> <li>• Implementation and proper use of sediment and pollution control measures such as,                             <ul style="list-style-type: none"> <li>➤ Silt Fences,</li> <li>➤ Straw Wattle</li> <li>➤ Filter socks</li> <li>➤ Sand and Gravel Berms</li> <li>➤ Vehicle/Tire Wash Facilities</li> <li>➤ Gravel beds/ Track Out Control Mats</li> </ul> </li> </ul> <p>Training attendance will be tracked using the Training Log provided in (<b>Appendix L</b>) or certificates of completion if conducted by a 3<sup>rd</sup> Party Vendor.</p>	<p>The number of training opportunities will be tracked. The number of staff trained will be tracked. The topics will be documented. The data will be reported as part of the Annual Report for each the permit year.</p> <p>Applicable records will be maintained for a minimum of three (3) years following the end of the permit term.</p>	Training will be conducted throughout the year and will be attended by of staff that are tasked with implementing or involved with the Implementation of the Good Housekeeping and Pollution Prevention Program	Current

## MUNICIPALLY OWNED AND OPERATED FACILITIES WITH PRIORITY RANKINGS

BUILDINGS			
FACILITY	LOCATION	SITE PRIORITY (L/M/H)	INSPECTION FREQUENCY
North Area Service Center (Fleet)	900 E. Juniper Ave.	H	4
South Area Service Center (Fleet)	4760 S. Greenfield Rd.	H	4
South Area Service Center (Equipment Yard)	4760 S. Greenfield Rd.	H	4
Household Hazard Waste	4760 S. Greenfield Rd.	H	4
FIRE STATIONS/FACILITIES			
FACILITY	LOCATION	SITE PRIORITY (L/M/H)	INSPECTION FREQUENCY
F.S. 1	2730 E. Williams Field Rd.	M	2
F.S. 2	2885 E. Guadalupe Rd.	M	2
F.S. 3	1011 E. Guadalupe Rd.	M	2
F.S. 4	909 E. Ray Rd.	M	1
F.S. 5	3630 E. Germann Rd.	M	2
F.S. 6	3595 E. Warner Rd.	M	2
F.S. 7	215 N. Cooper Rd.	M	2
F.S. 8	1095 E. Germann Rd.	M	4
F.S. 9	3355 E. Ocotillo Rd.	M	1
F.S. 10	1330 W. Guadalupe Rd.	M	2
F.S. 11	2860 E. Riggs Rd.	M	2
Fire Resource Building	2760 E. Williams Field Rd.	H	2
Fire Administration	85 E. Civic Center Dr.	L	1

### QUICK LINKS

[Appendix A: MS4 Infrastructure Maps](#)

[Appendix B: MCM 1 Public Education and Outreach BMP Details](#)

[Appendix C: MCM 2 Public Participation and Involvement BMP Details](#)

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POLICE STATIONS/FACILITIES			
FACILITY	LOCATION	SITE PRIORITY (L/M/H)	INSPECTION FREQUENCY
Police Patrol	215 N. Cooper Rd.	M	4
Public Safety Training	6860 S. Power Rd.	H	4
Police Administration	75 E. Civic Center Dr.	L	1
SWAT K9 Training	263 N. Cooper Rd.	H	4
Courts / Public Safety	55 E. Civic Center Dr.	M	2
OTHER MUNICIPAL BUILDINGS			
FACILITY	LOCATION	SITE PRIORITY (L/M/H)	INSPECTION FREQUENCY
Muni I	50 E. Civic Center Dr.	M	2
Muni II	90 E. Civic Center Dr.	M	2
WATER TREATMENT			
FACILITY	LOCATION	SITE PRIORITY (L/M/H)	INSPECTION FREQUENCY
North Water Treatment Plant	2865 E. Guadalupe Rd.	H	4
San Tan Vista Treatment Plant	3695 E. Ocotillo Rd.	H	4
WASTEWATER TREATMENT			
FACILITY	LOCATION	SITE PRIORITY (L/M/H)	INSPECTION FREQUENCY
5 MG Reclaimed WRPS	4375 S. Greenfield Rd.	M	2
Neely	402 N. Neely St.	H	4
Riparian Preserve	2757 Guadalupe Rd.	M	2

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WELLS /RESERVOIR SITE			
FACILITY	LOCATION	SITE PRIORITY (L/M/H)	INSPECTION FREQUENCY
W.S. 3 (SRP)	201 E. Watertank Rd.	M	2
W.S. 4 (SRP)	2639 E. Elliot Rd.	M	2
Booster 5	1060 N. Nevada St.	M	2
W.S. 7	925 S. Islands Dr. East	M	2
W.S. 8	2835 E. Guadalupe Rd.	M	2
W.S. 12	1020 E. Juniper Ave.	M	2
W.S. 14	149 W. Vaughn Ave.	M	2
Lindsay Reservoir	2025 S. Lindsay Rd.	M	2
W.S. 15 (SRP)	785 N. Cooper Rd.	M	2
W.S. 16 (SRP)	1200 S. Island Dr. East	M	2
W.S. 17 (SRP)	1580 E. Elliot Rd.	M	2
W.S. 19	3270 S. Recker Rd.	M	2
Reservoir 20 Pump Station	8330 S. Power Rd.	M	2
W.S. 20	4785 E. Queen Creek Rd.	M	2
W.S. 21	4387 N. Enclave Rd.	M	2
Booster 21	4340 E. Riggs Rd.	M	2
W.S. 22	4858 S. Recker Rd.	M	2
W.S. 23 (SRP)	3011 E. Baseline Rd.	M	2
W.S. 24	2710 E. Williams Field Rd.	M	2
W.S. 25 / Turner Ranch Reservoir	4425 E. Elliot Rd.	M	2
W.S. 26	5539 E. Baseline Rd.	M	2
W.S. 27 / Freeman Farms Reservoir	6235 S. Greenfield Rd.	M	2
W.S. 28	2820 E. Riggs Rd.	M	2
W.S. 29	3664 S. 156th St.	M	2
Reservoir 30/Booster Site 30	2029 E. Germann Rd.	M	2
W.S. 30	4164 S. Val Vista Dr.	M	2
Reservoir 31	1525 S. 174th St.	M	2
W.S. 31	4012 E. Ray Rd.	M	2

## QUICK LINKS

[Appendix A: MS4 Infrastructure Maps](#)

[Appendix B: MCM 1 Public Education and Outreach BMP Details](#)

[Appendix C: MCM 2 Public Participation and Involvement BMP Details](#)

[Appendix D: MCM 3 Illicit Discharge Detection and Elimination Program BMP Details](#)

[Appendix E: MCM 4 Construction Activity Stormwater Runoff Control BMP Details](#)

[Appendix F: MCM 5 Post-Construction Stormwater Management in New Development and Redevelopment BMP Details](#)

[Appendix G: MCM 6 Pollution Prevention/Good Housekeeping for Municipal Operations BMP Details](#)

[Appendix H: Sampling and Analysis Plan](#)

[Appendix I: Notice of Intent](#)

[Appendix J: Annual Report](#)

[Appendix K: Annual Review and Revision Log](#)

[Appendix L: Forms](#)

[Appendix M: Site Specific SWPPP](#)



LIFT STATIONS			
FACILITY	LOCATION	SITE PRIORITY (L/M/H)	INSPECTION FREQUENCY
# 1 NASC	900 E. Juniper Ave.	H	4
# 2 Neely	400 W. Guadalupe Rd.	M	2
# 3 Rancho Del Verde	395 W. Ray Rd.	H	4
# 4 Spring Meadows	429 E. Saratoga St.	M	2
# 5 Candlewood	407 S. Cooper Rd.	H	4
# 6 Western Skies	1091 S. Sandstone St.	H	4
# 7 Commerce	410 N. Neely	M	2
# 8 Islands	1990 W. Elliot Rd.	H	4
# 9 San Tan	3345 S. Higley Rd.	H	4
# 10 Crossroads	2072 S. Greenfield Rd.	H	4
# 11 Gilbert Commons	2595 S. Gilbert Rd.	H	4
# 12 Layton Lakes	4732 S. Lindsay Rd.	H	4
# 13 Baseline	2679 E. Baseline Rd.	M	2
# 14 Turner Ranch	4352 E. Guadalupe Rd.	H	4
# 15 GYSA	Soccer Fields	L	2
# 16 Greenfield Storm	1484 S. Santan Village Pkwy.	M	4
# 17 Freeman Farms	6069 S. Marion Ct.	H	4

## QUICK LINKS

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## APPENDIX H SAMPLING AND ANALYSIS PLAN

Characterization Monitoring Chemical List  
Sampling and Analysis Plan

### QUICK LINKS

[Appendix A: MS4 Infrastructure Maps](#)

[Appendix B: MCM 1 Public Education and Outreach BMP Details](#)

[Appendix C: MCM 2 Public Participation and Involvement BMP Details](#)

[Appendix D: MCM 3 Illicit Discharge Detection and Elimination Program BMP Details](#)

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# GILBERT SAMPLING AND ANALYSIS PLAN (STORM WATER MANAGEMENT PROGRAM- APPENDIX- H)

December 2023



**Prepared for:**

Town of Gilbert  
Project #SW0120  
50 East Civic Center Drive  
Gilbert, Arizona 85296

**Submitted by:**

JE Fuller  
Project #: P3839.01  
40 E. Helen Street,  
Tucson AZ 85705



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## SECTION 1 INTRODUCTION

This Sampling and Analysis Plan (SAP) has been prepared for the Town of Gilbert to comply with the Arizona Department of Environmental Quality's (ADEQ) Arizona Pollution Discharge Elimination System General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems to Protected Surface Waters [AZG2021-002](#) (Permit) for the regulating stormwater discharges from Small Municipal Separate Storm Sewer Systems (MS4). The SAP is intended to provide the details required by the Permit and, while it is part of the Town's Stormwater Management Plan (SWMP), it can be used as a stand-alone document.

### 1.1 SAMPLING AND ANALYSIS PLAN OBJECTIVES

There are multiple objectives for this plan:

- Establish sampling protocols and methods for stormwater monitoring and sampling, in order to characterize stormwater runoff from the Town's MS4, as required under the Permit.
- Provide sampling locations for the Town of Gilbert's five (5) characterization monitoring outfalls, which are identified as 559, 107355, 107333, 111976, and 112226 and are intended to monitor stormwater quality for discharges into the Eastern Maricopa Floodway (EMF) via Queen Creek and Sonoqui Wash, and the Consolidated Canal which are listed at "Protected Surface Waters" by ADEQ. This MS4 does not discharge into any impaired, non-attaining waters, or Outstanding Arizona Water (OAW).
- Document sampling and analysis methods and equipment for collecting representative samples of stormwater that maximize resources.

### 1.2 CONTACT INFORMATION

The following table outlines the personnel responsible for overseeing the Town of Gilbert Stormwater Management Plan and who will serve as the main points of contact overseeing the sampling and analysis processes.

**TABLE 1: SWMP CONTACT INFORMATION**

SWMP Contact Information
<b>Hondo Judd</b> Town of Gilbert, Environmental Compliance Manager 4760 S. Greenfield Rd Gilbert, AZ 85297 Phone: (480) 620-1012 Email: <a href="mailto:hondo.judd@gilbertaz.gov">hondo.judd@gilbertaz.gov</a>

### 1.3 REASON FOR ANALYTICAL MONITORING

- Characterization Monitoring Required by ADEQ per permit number AZG2021-002
- Impaired Waters Monitoring without a TMDL
- Impaired Waters Monitoring with a TMDL
- Outstanding Arizona Water (OAW) Monitoring

## SECTION 2 SAMPLING PROCESS

The general approach for this SAP is to collect a grab sample of stormwater at three different outfalls during the first 30 minutes of a “qualifying storm event”. For the purpose of this document, a grab sample is defined as a single sample manually collected at one location during a short time period. Sample collection will occur one (1) time per outfall within the first three (3) years of the permit. The following sections outline the procedures that should be followed for safely accessing the outfalls and collecting a representative ‘first flush’ stormwater sample.

### 2.1 QUALIFYING STORM EVENT

Characterization monitoring shall be collected during a qualifying storm event. As defined in Section 7.2.2 of AZG2021-002, a qualifying storm event is an event that results in an amount of rainfall equal to or greater than 0.1 inches and results in a discharge within the first 24-hours of the event.

Until such time that a Town of Gilbert owned/operated rain gauge becomes available, local rain gages will be used to identify a “qualifying storm event” These gages may include those operated by The Maricopa County Flood Control District (<https://alert.fcd.maricopa.gov/alert/Google/v3/gmap.html>).

### 2.2 SAMPLING PERSONNEL

The following table outlines the personnel responsible for collecting, packing, and delivering samples to a laboratory.

**TABLE 2: SAMPLING PERSONNEL**

Position	Staff Name	Email	Specific Responsibility
Environmental Compliance Inspection Technician		environmentalcompliance@gilbertaz.gov	
Environmental Compliance Inspection Technician		environmentalcompliance@gilbertaz.gov	
Stormwater Utility Technician		environmentalcompliance@gilbertaz.gov	
Stormwater Utility Technician		environmentalcompliance@gilbertaz.gov	

### 2.3 LOCATION OF DESCRIPTION OF OUTFALLS

The MS4 is located in Gilbert, Arizona. Gilbert has identified five (5) outfalls within its MS4 area that will be used for characterization monitoring. The runoff from four (4) outfalls (Figure 3) is discharged into the Eastern Maricopa Floodway (EMF) via Queen Creek and Sonoqui Wash, while the remaining outfall (111976) discharges into the into the Consolidated canal at its intersection with Western Canal (Figure 2). A list of the identified outfalls and corresponding locations is presented in Table 3.

**TABLE 3: OUTFALL LOCATIONS AND DESCRIPTIONS**

Outfall ID	Description	Receiving Water	Longitude	Latitude
559	Queen Creek @ Recker Rd.	EMF	-111.703	33.263
107355	Sonoqui Wash @ Higley Rd.	EMF	-111.720	33.249
107333	Queen Creek Rd. @ Eastern Maricopa Floodway	EMF	-111.725	33.263
111976	Western Canal @ Lindsay Rd.	Consolidated Canal	-111.774	33.357
112226	Riggs Rd. @ Eastern Maricopa Floodway	EMF	-111.738	33.219

Outfall 559 discharges into the Queen Creek Canal through a smaller circular storm drain on the east side of S Recker Rd. Stormwater discharges just downstream of a large 6-barrel box culvert. There is a passive sampler in the storm drain but this location can also be sampled actively from the top of the circular culvert during a storm event. This location can be accessed from N Recker Rd.

Outfall 107355 discharges into Sonoqui Wash just downstream of a large box culvert on the east side of S Higley Rd. At this location stormwater discharges from storm drain outlets on either side of the culvert. This location will be sampled passively in one of the storm drain pipes. An active sample can be collected at this location from the top of either storm drain outlet.

Outfall 107333 discharges into the EMF on the south side of E Queen Creek Rd. The outfall discharges from a circular storm drain on the east side of the floodway. This location will be passively sampled but can also be accessed from E Queen Creek Rd during a storm event for active sampling, if needed. Due to the steep slope and loose terrain in this location, passive sampling is recommended at this location if possible.

Outfall 111976 discharges into the south side of the Western Canal on the west side of N Lindsay Rd just before the canal joins the Consolidated Canal. This location will be passively sampled with equipment placed inside the storm drain.

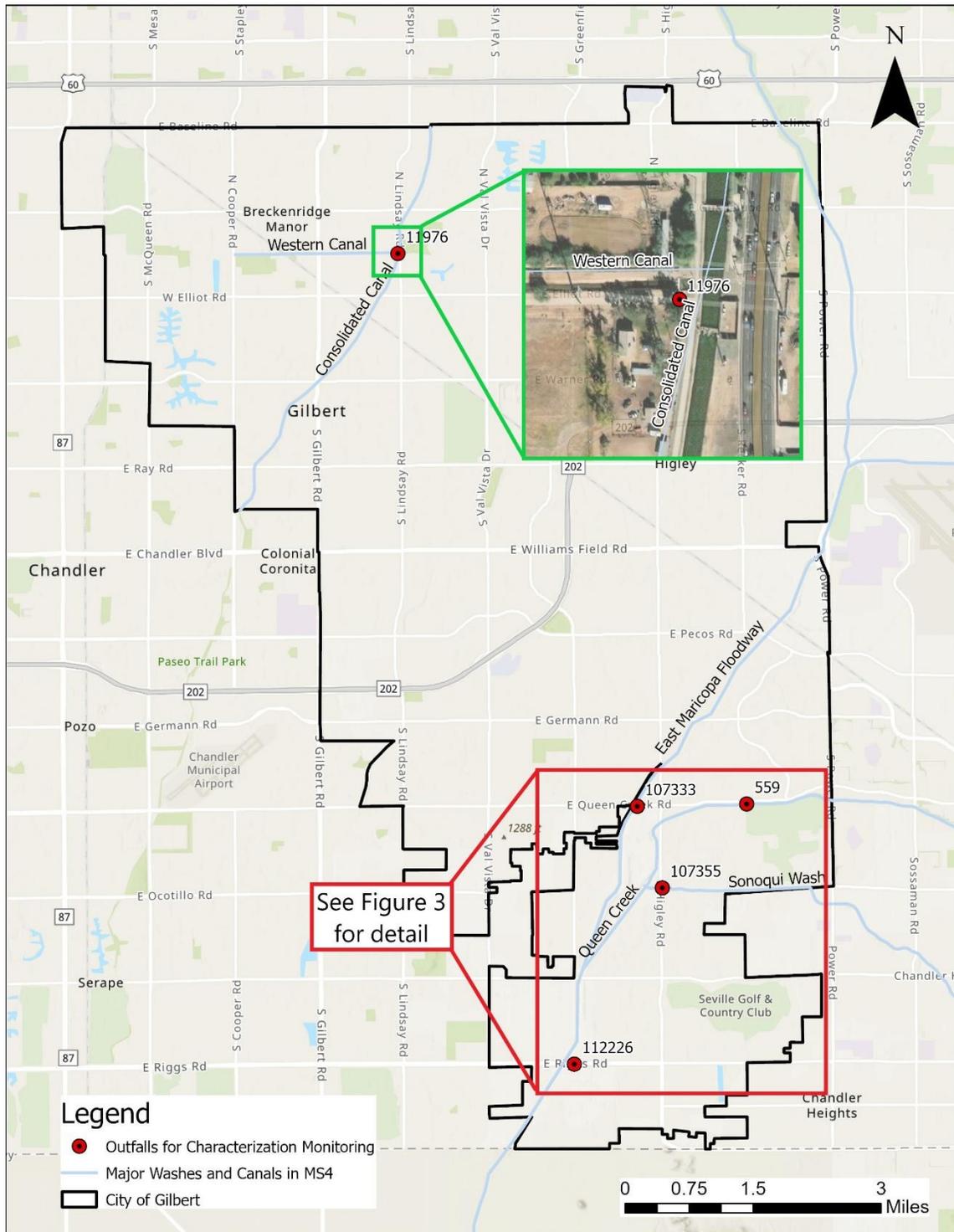
Outfall 112226 discharges on the east side of the EMF on the southside of E Riggs Rd. This outfall discharges into a small channel approximately 600 feet upstream of the EMF, where it then flows into the EMF. This site will be equipped with passive sampling equipment and can also be sampled actively during a storm event from E Riggs Rd, from either side of the outfall.

Figure 1 shows photos of Outfalls 559, 107355, 107333, and 112226. No photo is available for Outfall 111976.

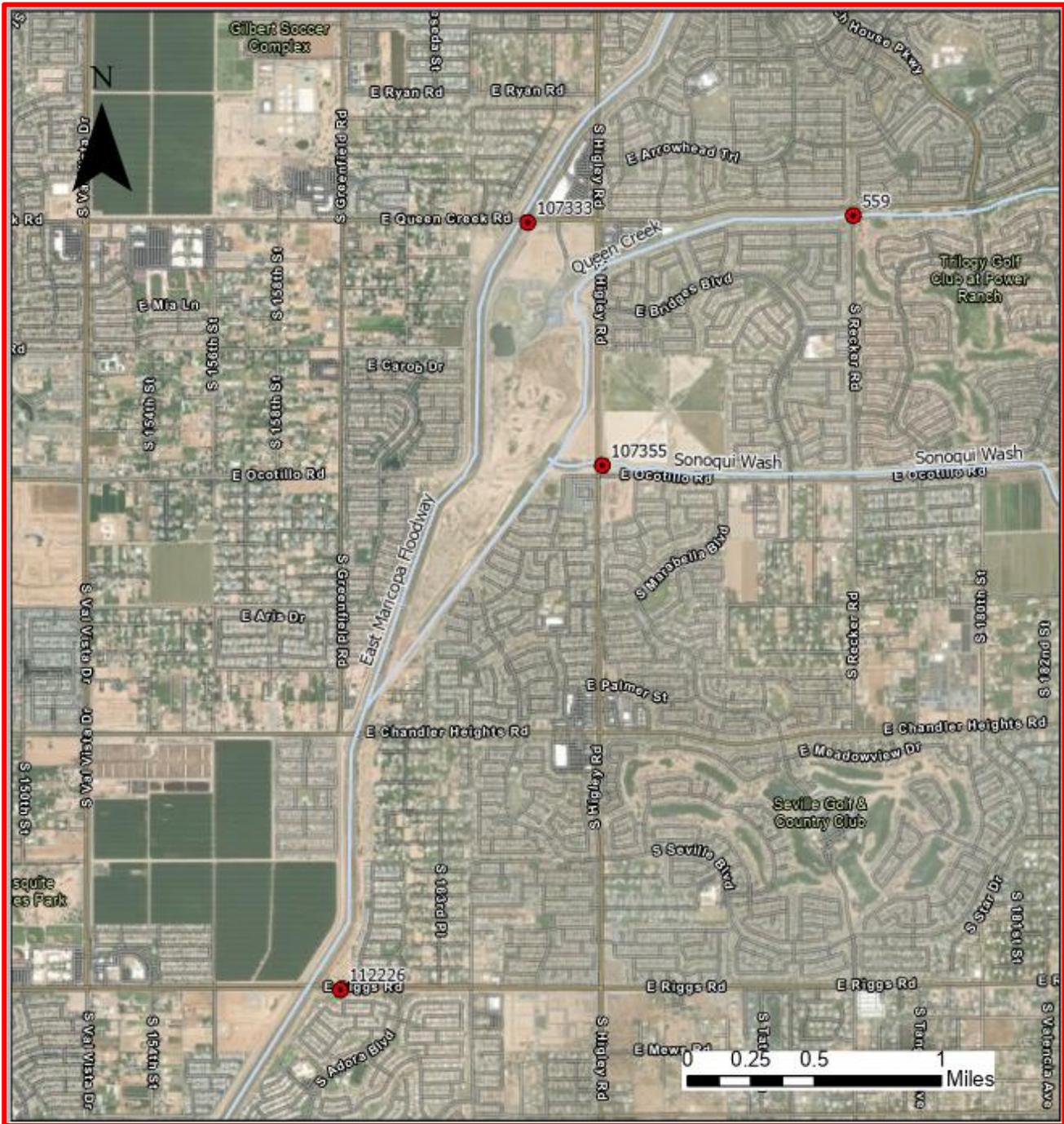


*Figure 1: Outfall photo log for characterization monitoring locations*

A map depicting the locations of the five (5) outfalls is presented on Figure 2, with details for the southern outfalls in Figure 3. In compliance with Section 6.3.7.b. of the General Permit, the Town will visually monitor a minimum of 20% of the outfalls annually.



**Figure 2: Outfall Locations Map**



**Figure 3: Outfall Locations Map (East Maricopa Floodway)**

## 2.4 SAMPLING PROCEDURES

The objective of this SAP is to characterize the stormwater runoff from the MS4 and therefore, there will be no testing of parameters in the field. All analysis will be completed by the testing laboratory. The testing laboratory may provide sample containers and labels and may also provide information about required sample preservation and sample delivery methods. The testing laboratory should also be consulted to determine the appropriate sample volume required for each analyte. The complete list of constituents being analyzed can be found in [Appendix A](#). All laboratory analysis must be conducted according to test procedures specified in [40 CFR 136](#).

### 2.4.1 ACTIVE SAMPLING

The following procedures will be used to collect a manual grab sample (sample) at each of the identified outfall locations.

1. Review weather forecasts in anticipation of a [“qualifying storm event”](#).
2. Collect the following materials prior to arriving at the collection site:
  - Sample Collection Form(s) for each outfall
  - Chain of Custody (COC) forms and seal
  - Camera (or Cell Phone with Camera)
  - Sample labels
  - Waterproof Ink Pen
  - Ladle used for sample collection
  - Sample collection containers
  - Sample preservation compounds (if needed)
  - Personal protective equipment (PPE)
  - Traffic Control Equipment (Cones, Signs, Barricades, Light bar etc.)
3. Photograph flow discharging the site at the time of collection with time/date stamp.
4. Collect a sample of stormwater at the downstream side of the outfall location directly from the outfall structure within 30 minutes of a “qualifying storm event”.
  - i. Rinse collecting equipment with site water.
  - ii. Collect sample from the center of flowing water directly from the outfall, if possible, avoiding uncharacteristic debris.
  - iii. Bring sample to a clean location for transference to the collection container.
  - iv. Remove sample container lid, ensuring that you do not contaminate the neck, lid or inside of the container with fingers, particles or dripping water.
  - v. Fill container to the proper volume as determined by the testing laboratory and secure the lid. If necessary, repeat step “i” and “ii” until the required volume is obtained. The required volume will be predetermined by the laboratory.
  - vi. If a preservative is to be used, once the appropriate volume has been achieved, mix the preservative through the sample by rotating the container top to bottom.
  - vii. Secure the sample lid and remove any dirt or debris from the outside of the container.
5. Complete the sample label provided by the testing laboratory with waterproof ink and adhere to sample container. Ensure that the following information is included on the label.

- i. Sample identifier (e.g.: Out-886\_YYMMDD)
  - ii. Sampler initials
  - iii. Sample collection date/time
  - iv. Type of preservation used, if any.
6. Photograph the collected sample with the sample label visible.
7. Complete field documentation using the Stormwater MS4 Sample Collection Form found in [Appendix B](#).
8. Complete the chain of custody (COC) form found in [Appendix B](#) at the end of the Stormwater MS4 collection form.
9. If preservation of the samples is needed, follow all instructions given by the laboratory for sample preservation.
10. Deliver sample promptly (typically within 5-hours) to the laboratory that will be performing the analysis, along with a list of analytes being tested for, which is found in [Appendix A](#).
11. Relinquish the samples to the laboratory personnel. Sign and date COC forms.
12. Review local rain gage information to verify that the storm event is a “qualifying storm event”.

Note that the characterization monitoring effort may also include visual monitoring. If performed, the visual monitoring will be documented on the Visual Monitoring Form Provided in [Appendix B](#).

#### 2.4.2 PASSIVE SAMPLING

As part of the monitoring process, the Town of Gilbert has installed passive samplers within culverts at the listed outfall locations. These samplers may be used to collect storm water for Characterization Monitoring under the following conditions.

1. The rainfall event is considered to be a “qualifying event.”
2. The sampler will provide a sufficient volume of water to satisfy the testing requirements predetermined by the testing laboratory.
3. The sample can be retrieved such that the sample can be delivered to the laboratory within the required timeframe dictated by the testing laboratory (typically within 5 hours of collection).

In the event that the above conditions are satisfied, the passive sampling procedures are as follows.

1. Review weather forecasts in anticipation of a “qualifying storm event”.
2. Collect the following materials prior to arriving at the collection site:
  - Sample Collection Form(s) for each outfall
  - Chain of Custody (COC) forms and seal
  - Camera (or Cell Phone with Camera)
  - Sample labels
  - Waterproof Ink Pen
  - Sample collection containers
  - Sample preservation compounds (if needed)
  - Personal protective equipment (PPE)
  - Traffic Control Equipment (Cones, Signs, Barricades, Light bar etc.)
3. If actively flowing, photograph flow discharging the site at the time of collection with time/date stamp.
4. When it is safe to do so,
  - i. Retrieve the passive stormwater sampler
  - ii. Bring sampler to a clean location for transference to the collection container.
  - iii. Remove sampler container lid, ensuring that you do not contaminate the neck, lid or inside of the container with fingers, particles or dripping water.
  - iv. Fill collection container to the proper volume as determined by the testing laboratory and secure the lid. The required volume will be predetermined by the laboratory.
  - v. If a preservative is to be used, once the appropriate volume has been achieved, mix the preservative through the sample by rotating the container top to bottom.
  - vi. Secure the sample lid and remove any dirt or debris from the outside of the container.
5. Complete the sample label provided by the testing laboratory with waterproof ink and adhere to sample container. Ensure that the following information is included on the label.
  - i. Sample identifier (e.g.: Out-10-49-008\_YYMMDD)
  - ii. Sampler initials
  - iii. Sample collection date/time
  - iv. Type of preservation used, if any.

6. Photograph the collected sample with the sample label visible.
7. Complete field documentation using the Stormwater MS4 Sample Collection Form found in [Appendix B](#).
8. Complete the chain of custody (COC) form found in [Appendix B](#) at the end of the Stormwater MS4 collection form.
9. If preservation of the samples is needed, follow all instructions given by the laboratory for sample preservation.
10. Deliver sample promptly (typically within 5-hours) to the laboratory that will be performing the analysis, along with a list of analytes being tested for, which is found in [Appendix A](#).
11. Relinquish the samples to the laboratory personnel. Sign and date COC forms.
12. Review local rain gage information to verify that the storm event is a “qualifying storm event”.

## 2.5 SAFETY PROCEDURES

- Sampling personnel shall wear appropriate personal protective equipment (PPE) when collecting samples. This includes, but is not limited to, close toed shoes, safety vest, and gloves at the time of collection. If there is the potential for coming into contact with hazardous materials, then chemical resistant gloves shall be worn.
- Personnel should not collect a sample if there is lightning in the area and should remain at a safe distance from rapidly moving water, keeping in mind that water levels in washes and canals can rise quickly during a storm event.
- If personnel are working close to or in a roadway to collect a sample, traffic cones should be placed in the roadway to ensure an adequate distance is kept between personnel and oncoming traffic. Vehicle hazard lights will be activated and, if equipped, the vehicle lightbar will be turned on.
- If, at any time, the sampling personnel feel that the sample cannot be collected safely, activities should immediately be stopped, and personnel should move to a safe location.

## SECTION 3 ANALYTICAL PROCESSES

### 3.1 ANALYTICAL METHODS

Samples will be analyzed by the testing laboratory for all parameters required by ADEQ's Stormwater Characterization Monitoring Requirements. Each sample will be tested for constituents in the following classes: metals, inorganics, VOC's, semi-VOC's- acid extractable, semi-VOC's- bases/neutrals, and PCB's/pesticides. A complete list of constituents being tested can be found in **Error! Reference source not found..** It should be noted that the constituents presented are particular to those required for Characterization Monitoring. Any additional analytical monitoring constituents as required by ADEQ will be tested for as part of this process. These additional constituents will be added to those compiled in [Appendix A](#).

### 3.2 LABORATORY CONTACT INFORMATION

Testing will be conducted by a laboratory certified by the [Arizona Department of Health Services](#). For this process, the following laboratory will be used.

**TABLE 4: TESTING FACILITY CONTACT INFORMATION**

Testing Facility	
Laboratory Name:	_____
Address:	_____
Hours of Operation: Open:	_____ Close _____
Phone: (480) 782-2387	Fax: _____
Contact:	Email: _____

All laboratory analysis must be conducted according to test procedures specified in 40 CFR 136. The laboratory results must identify analytical methods and limits of detections for each analyte.

### 3.3 TESTING RESULTS AND RECORD KEEPING REQUIREMENTS

Records of monitoring information must include the results of each stormwater monitoring event using the Stormwater Collection Form, found in [Appendix B](#), and laboratory analyses.

All results must be submitted within 30 days of receipt from the testing laboratory on an electronic Discharge Monitoring Report (eDMR) via a myDEQ account as prescribed in the 2020 CGP, Part 7.5(3)(d).

All results, including the sample collection form, will be incorporated into this document or Storm Water Management Plan. Records will be retained for a period of 3 years following the expiration of the current Permit.

Should the results indicate that the site is noncompliant, the Arizona Department of Environmental Quality will be notified in writing at the following address within 5 business days.

Arizona Department of Environmental Quality  
1110 W. Washington Street  
Mail Code 5515 B-1  
Phoenix, AZ 85007  
FAX 602.771.4505

If there is a danger to human health, notification can be made via phone to ADEQ's Phone Number: **602.771.2330**.

## APPENDIX A STORMWATER CHARACTERIZATION MONITORING PARAMETERS

## Stormwater Characterization Monitoring Requirements

All permittees shall conduct stormwater characterization monitoring for the parameters listed in below.

PARAMETER	UNITS	MONITORING FREQUENCY	MONITORING TYPE
<b>METALS</b>			
Antimony	µg/L	1x during first 3.5 years of permit term	Discrete
Barium	µg/L	1x during first 3.5 years of permit term	Discrete
Beryllium	µg/L	1x during first 3.5 years of permit term	Discrete
Cadmium	µg/L	1x during first 3.5 years of permit term	Discrete
Nickel	µg/L	1x during first 3.5 years of permit term	Discrete
Mercury	µg/L	1x during first 3.5 years of permit term	Discrete
Silver	µg/L	1x during first 3.5 years of permit term	Discrete
Thallium	µg/L	1x during first 3.5 years of permit term	Discrete
<b>INORGANICS</b>			
Cyanide	µg/L	1x during first 3.5 years of permit term	Discrete
<b>VOLATILE ORGANIC COMPOUNDS (VOCs)</b>			
Acrolein	µg/L	1x during first 3.5 years of permit term	Discrete
Acrylonitrile	µg/L	1x during first 3.5 years of permit term	Discrete
Benzene	µg/L	1x during first 3.5 years of permit term	Discrete
Carbon tetrachloride	µg/L	1x during first 3.5 years of permit term	Discrete
Chlorobenzene	µg/L	1x during first 3.5 years of permit term	Discrete

PARAMETER	UNITS	MONITORING FREQUENCY	MONITORING TYPE
Dibromochloromethane	µg/L	1x during first 3.5 years of permit term	Discrete
Chloroethane	µg/L	1x during first 3.5 years of permit term	Discrete
2-chloroethylvinyl ether	µg/L	1x during first 3.5 years of permit term	Discrete
Chloroform	µg/L	1x during first 3.5 years of permit term	Discrete
Bromodichloromethane	µg/L	1x during first 3.5 years of permit term	Discrete
1,2-dichlorobenzene	µg/L	1x during first 3.5 years of permit term	Discrete
1,3-dichlorobenzene	µg/L	1x during first 3.5 years of permit term	Discrete
1,4-dichlorobenzene	µg/L	1x during first 3.5 years of permit term	Discrete
1,1-dichloroethane	µg/L	1x during first 3.5 years of permit term	Discrete
1,2-dichloroethane	µg/L	1x during first 3.5 years of permit term	Discrete
1,3-dichloropropylene	µg/L	1x during first 3.5 years of permit term	Discrete
Ethylbenzene	µg/L	1x during first 3.5 years of permit term	Discrete
Bromomethane	µg/L	1x during first 3.5 years of permit term	Discrete
Chloromethane	µg/L	1x during first 3.5 years of permit term	Discrete
Methylene chloride	µg/L	1x during first 3.5 years of permit term	Discrete
1,1,2,2-tetrachloroethane	µg/L	1x during first 3.5 years of permit term	Discrete
Tetrachloroethylene	µg/L	1x during first 3.5 years of permit term	Discrete
Toluene	µg/L	1x during first 3.5 years of permit term	Discrete
1,2-trans-dichloroethylene	µg/L	1x during first 3.5 years of permit term	Discrete
1,1,1-trichloroethane	µg/L	1x during first 3.5 years of permit term	Discrete

PARAMETER	UNITS	MONITORING FREQUENCY	MONITORING TYPE
1,1,2-trichloroethane	µg/L	1x during first 3.5 years of permit term	Discrete
Trichloroethylene	µg/L	1x during first 3.5 years of permit term	Discrete
Vinyl chloride	µg/L	1x during first 3.5 years of permit term	Discrete
Xylene	µg/L	1x during first 3.5 years of permit term	Discrete
<b>SEMI-VOCS - ACID EXTRACTABLE</b>			
2-chlorophenol	µg/L	1x during first 3.5 years of permit term	Discrete
2,4-dichlorophenol	µg/L	1x during first 3.5 years of permit term	Discrete
2,4-dimethylphenol	µg/L	1x during first 3.5 years of permit term	Discrete
4,6-dinitro-o-cresol	µg/L	1x during first 3.5 years of permit term	Discrete
2,4-dinitrophenol	µg/L	1x during first 3.5 years of permit term	Discrete
2-nitrophenol	µg/L	1x during first 3.5 years of permit term	Discrete
4-nitrophenol	µg/L	1x during first 3.5 years of permit term	Discrete
p-chloro-m-cresol	µg/L	1x during first 3.5 years of permit term	Discrete
Pentachlorophenol	µg/L	1x during first 3.5 years of permit term	Discrete
Phenol	µg/L	1x during first 3.5 years of permit term	Discrete
2,4,6-trichlorophenol	µg/L	1x during first 3.5 years of permit term	Discrete
<b>SEMI-VOCS – BASE/NEUTRALS</b>			
Acenaphthene	µg/L	1x during first 3.5 years of permit term	Discrete
Acenaphthylene	µg/L	1x during first 3.5 years of permit term	Discrete
Anthracene	µg/L	1x during first 3.5 years of permit term	Discrete
Benz(a)anthracene	µg/L	1x during first 3.5 years of permit term	Discrete



PARAMETER	UNITS	MONITORING FREQUENCY	MONITORING TYPE
Benzo(a)pyrene	µg/L	1x during first 3.5 years of permit term	Discrete
Benzo(b)fluoranthene	µg/L	1x during first 3.5 years of permit term	Discrete
Benzo(g,h,i)perylene	µg/L	1x during first 3.5 years of permit term	Discrete
Benzo(k)fluoranthene	µg/L	1x during first 3.5 years of permit term	Discrete
Chrysene	µg/L	1x during first 3.5 years of permit term	Discrete
Dibenzo(a,h)anthracene	µg/L	1x during first 3.5 years of permit term	Discrete
3,3'-dichlorobenzidine	µg/L	1x during first 3.5 years of permit term	Discrete
Diethyl phthalate	µg/L	1x during first 3.5 years of permit term	Discrete
Dimethyl phthalate	µg/L	1x during first 3.5 years of permit term	Discrete
Di-n-butyl phthalate	µg/L	1x during first 3.5 years of permit term	Discrete
2,4-dinitrotoluene	µg/L	1x during first 3.5 years of permit term	Discrete
2,6-dinitrotoluene	µg/L	1x during first 3.5 years of permit term	Discrete
Di-n-octyl phthalate	µg/L	1x during first 3.5 years of permit term	Discrete
1,2-diphenylhydrazine (as azobenzene)	µg/L	1x during first 3.5 years of permit term	Discrete
Fluoranthene	µg/L	1x during first 3.5 years of permit term	Discrete
Fluorene	µg/L	1x during first 3.5 years of permit term	Discrete
Hexachlorobenzene	µg/L	1x during first 3.5 years of permit term	Discrete
Hexachlorobutadiene	µg/L	1x during first 3.5 years of permit term	Discrete
Hexachlorocyclopenta di ene	µg/L	1x during first 3.5 years of permit term	Discrete
Hexachloroethane	µg/L	1x during first 3.5 years of permit term	Discrete



PARAMETER	UNITS	MONITORING FREQUENCY	MONITORING TYPE
Indeno(1,2,3-cd)pyrene	µg/L	1x during first 3.5 years of permit term	Discrete
Isophorone	µg/L	1x during first 3.5 years of permit term	Discrete
Naphthalene	µg/L	1x during first 3.5 years of permit term	Discrete
Nitrobenzene	µg/L	1x during first 3.5 years of permit term	Discrete
N-nitrosodimethylamine	µg/L	1x during first 3.5 years of permit term	Discrete
N-nitrosodi-n-propylamine	µg/L	1x during first 3.5 years of permit term	Discrete
N-nitrosodiphenylamine	µg/L	1x during first 3.5 years of permit term	Discrete
Phenanthrene	µg/L	1x during first 3.5 years of permit term	Discrete
Pyrene	µg/L	1x during first 3.5 years of permit term	Discrete
1,2,4-trichlorobenzene	µg/L	1x during first 3.5 years of permit term	Discrete
PCB / PESTICIDES			
Aldrin	µg/L	1x during first 3.5 years of permit term	Discrete
Alpha-BHC	µg/L	1x during first 3.5 years of permit term	Discrete
Beta-BHC	µg/L	1x during first 3.5 years of permit term	Discrete
Gamma-BHC	µg/L	1x during first 3.5 years of permit term	Discrete
Delta-BHC	µg/L	1x during first 3.5 years of permit term	Discrete
Chlordane	µg/L	1x during first 3.5 years of permit term	Discrete
4,4'-DDT	µg/L	1x during first 3.5 years of permit term	Discrete
4,4'-DDE	µg/L	1x during first 3.5 years of permit term	Discrete
4,4'-DDD	µg/L	1x during first 3.5 years of permit term	Discrete



PARAMETER	UNITS	MONITORING FREQUENCY	MONITORING TYPE
Dieldrin	µg/L	1x during first 3.5 years of permit term	Discrete
Alpha-endosulfan	µg/L	1x during first 3.5 years of permit term	Discrete
Beta-endosulfan	µg/L	1x during first 3.5 years of permit term	Discrete
Endosulfan sulfate	µg/L	1x during first 3.5 years of permit term	Discrete
Endrin	µg/L	1x during first 3.5 years of permit term	Discrete
Endrin aldehyde	µg/L	1x during first 3.5 years of permit term	Discrete
Heptachlor	µg/L	1x during first 3.5 years of permit term	Discrete
Heptachlor epoxide	µg/L	1x during first 3.5 years of permit term	Discrete
PCB-1242	µg/L	1x during first 3.5 years of permit term	Discrete
PCB-1254	µg/L	1x during first 3.5 years of permit term	Discrete
PCB-1221	µg/L	1x during first 3.5 years of permit term	Discrete
PCB-1232	µg/L	1x during first 3.5 years of permit term	Discrete
PCB-1248	µg/L	1x during first 3.5 years of permit term	Discrete
PCB-1260	µg/L	1x during first 3.5 years of permit term	Discrete
PCB-1016	µg/L	1x during first 3.5 years of permit term	Discrete
Toxaphene	µg/L	1x during first 3.5 years of permit term	Discrete

**Notes:**

1. The permittee shall include any additional parameters in stormwater sampling as specified by Part 5.0 Water Quality Standards of this permit.
2. The permittee shall collect discrete samples and shall attempt to include the “first flush” (first 30 minutes of stormwater discharge) of a qualifying storm event whenever possible to do so. Auto Sampling equipment may be used, if available.
3. When analyzing for metals, the permittee shall assume a 1:1 total dissolved ratio for purposes of reporting and comparison with SWQS. Alternatively, the permittee may test for dissolved metals, if appropriate field filtering is completed. Hardness data must also be collected and used to calculate the corresponding SWQS for certain metals as indicated by SWQS rules.

## **APPENDIX B FORMS**

Stormwater Sample Collection Form

Chain of Custody Form

Visual Monitoring Form

## Stormwater Characterization Monitoring Collection Form

(Complete a separate form for each outfall sampled)

Facility Sample Information			
Name:	Town of Gilbert	AZPMS4 Auth. No.	
Outfall Identifier:	559 - Queen Creek @ Recker Road	Photo of Site	
General Location:	_____		
	_____		
	_____		
Sampling Personnel Information			
Person(s)/Title(s) collecting sample:			
Email:		Phone	
Person(s)/Title(s) assisting with sample:			
Email:		Phone	
Field Sampling Data			
Nature of Discharge: <input type="checkbox"/> Stormwater <input type="checkbox"/> Snowmelt <input type="checkbox"/> Other (explain): _____			
Date & Time Storm Event:	Date & Time Sample Collected:		
Rainfall Amount (inches):	Gage Source/Location (If used to determine rainfall amount)		
Was the sample taken in first 30 minutes of storm? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was the sample taken at least 72 hours after a previous storm event?*	If no, to either provide explanation:	
	<input type="checkbox"/> Yes <input type="checkbox"/> No		
* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.			
Field Sampling Data			
Purpose for Sampling	<input type="checkbox"/> Characterization <input type="checkbox"/> Analytical <input type="checkbox"/> TDML Based <input type="checkbox"/> ADEQ Request <input type="checkbox"/> Other		
Type of Sample	<input type="checkbox"/> Grab <input type="checkbox"/> Auto sampler <input type="checkbox"/> Passive sampler <input type="checkbox"/> Other _____		
Field Instrument Calibration Data: (Auto Sampler only)	Date of Last Calibration: _____ Method of Calibration: _____		
Quantity of Sample	Number of Laboratory Containers		or Number of ml (ml)
Unique Sample Identifier (To be matched to Identifier on COC)			
Laboratory Testing Parameters (Maybe provided by Testing Lab)	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Type and Amount: _____		

Preservatives Added to Samples	<input type="checkbox"/> Yes <input type="checkbox"/> No    If Yes, Type and Amount: _____		
<b>Field Observation Data</b>			
Indicators of Stormwater Pollution Observed? (May be based on a Visual Assessment)	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Do the observations indicate an illicit discharge?	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Do the observations indicate require further investigation?	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Additional observations of sampling procedures and conditions at the time of sampling:			
Description of problems encountered, or deviations made from the Sampling and Analysis Plan (SAP):			
<b>Certification Statement</b>			
"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."			
A. Printed Name:		B. Title:	
C. Signature:		D. Date Signed:	
Email:		Phone	
<b>Chain of Custody</b>			
Laboratory: Name:			
Laboratory: Address		Phone:	
Custodian Name		Title:	
Custodian Signature		Date Signed	
COC Identifier	Used as validation of information in		
Email:		Phone	

## Stormwater Characterization Monitoring Collection Form

(Complete a separate form for each outfall sampled)

Facility Sample Information			
Name:	Town of Gilbert	AZPMS4 Auth. No.	
Outfall Identifier:	107355 - Sonoqui Wash @ Higley Rd.		
General Location:	Photo of Site		
<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div>			
Sampling Personnel Information			
Person(s)/Title(s) collecting sample:			
Email:		Phone	
Person(s)/Title(s) assisting with sample:			
Email:		Phone	
Field Sampling Data			
Nature of Discharge: <input type="checkbox"/> Stormwater <input type="checkbox"/> Snowmelt <input type="checkbox"/> Other (explain):			
Date & Time Storm Event:	Date & Time Sample Collected:		
Rainfall Amount (inches):	Gage Source/Location (If used to determine rainfall amount)		
Was the sample taken in first 30 minutes of storm? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was the sample taken at least 72 hours after a previous storm event?*	If no, to either provide explanation:	
<small>* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.</small>			
Field Sampling Data			
Purpose for Sampling	<input type="checkbox"/> Characterization <input type="checkbox"/> Analytical <input type="checkbox"/> TDML Based <input type="checkbox"/> ADEQ Request <input type="checkbox"/> Other		
Type of Sample	<input type="checkbox"/> Grab <input type="checkbox"/> Auto sampler <input type="checkbox"/> Passive sampler <input type="checkbox"/> Other _____		
Field Instrument Calibration Data: (Auto Sampler only)	Date of Last Calibration: _____ Method of Calibration: _____		
Quantity of Sample	Number of Laboratory Containers _____ or Number of ml _____ (ml)		
Unique Sample Identifier (To be matched to Identifier on COC)			
Laboratory Testing Parameters (Maybe provided by Testing Lab)	<input type="checkbox"/> Yes <input type="checkbox"/> No    If Yes, Type and Amount: _____		

Preservatives Added to Samples	<input type="checkbox"/> Yes <input type="checkbox"/> No    If Yes, Type and Amount: _____		
<b>Field Observation Data</b>			
Indicators of Stormwater Pollution Observed? (May be based on a Visual Assessment)	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Do the observations indicate an illicit discharge?	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Do the observations indicate require further investigation?	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Additional observations of sampling procedures and conditions at the time of sampling:			
Description of problems encountered, or deviations made from the Sampling and Analysis Plan (SAP):			
<b>Certification Statement</b>			
"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."			
A. Printed Name:		B. Title:	
C. Signature:		D. Date Signed:	
Email:		Phone	
<b>Chain of Custody</b>			
Laboratory: Name:			
Laboratory: Address		Phone:	
Custodian Name		Title:	
Custodian Signature		Date Signed	
COC Identifier	Used as validation of information in		
Email:		Phone	

## Stormwater Characterization Monitoring Collection Form

(Complete a separate form for each outfall sampled)

Facility Sample Information			
Name:	Town of Gilbert	AZPMS4 Auth. No.	
Outfall Identifier:	107333 - Queen Creek Rd @ EMF	Photo of Site	
General Location:	_____		
	_____		
	_____		
Sampling Personnel Information			
Person(s)/Title(s) collecting sample:			
Email:		Phone	
Person(s)/Title(s) assisting with sample:			
Email:		Phone	
Field Sampling Data			
Nature of Discharge: <input type="checkbox"/> Stormwater <input type="checkbox"/> Snowmelt <input type="checkbox"/> Other (explain):			
Date & Time Storm Event:	Date & Time Sample Collected:		
Rainfall Amount (inches):	Gage Source/Location (If used to determine rainfall amount)		
Was the sample taken in first 30 minutes of storm? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was the sample taken at least 72 hours after a previous storm event?*	If no, to either provide explanation:	
	<input type="checkbox"/> Yes <input type="checkbox"/> No		
* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.			
Field Sampling Data			
Purpose for Sampling	<input type="checkbox"/> Characterization <input type="checkbox"/> Analytical <input type="checkbox"/> TDML Based <input type="checkbox"/> ADEQ Request <input type="checkbox"/> Other		
Type of Sample	<input type="checkbox"/> Grab <input type="checkbox"/> Auto sampler <input type="checkbox"/> Passive sampler <input type="checkbox"/> Other _____		
Field Instrument Calibration Data: (Auto Sampler only)	Date of Last Calibration: _____ Method of Calibration: _____		
Quantity of Sample	Number of Laboratory Containers		or Number of ml (ml)
Unique Sample Identifier (To be matched to Identifier on COC)			
Laboratory Testing Parameters (Maybe provided by Testing Lab)	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Type and Amount: _____		

Preservatives Added to Samples	<input type="checkbox"/> Yes <input type="checkbox"/> No    If Yes, Type and Amount: _____		
<b>Field Observation Data</b>			
Indicators of Stormwater Pollution Observed? (May be based on a Visual Assessment)	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Do the observations indicate an illicit discharge?	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Do the observations indicate require further investigation?	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Additional observations of sampling procedures and conditions at the time of sampling:			
Description of problems encountered, or deviations made from the Sampling and Analysis Plan (SAP):			
<b>Certification Statement</b>			
"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."			
A. Printed Name:		B. Title:	
C. Signature:		D. Date Signed:	
Email:		Phone	
<b>Chain of Custody</b>			
Laboratory: Name:			
Laboratory: Address		Phone:	
Custodian Name		Title:	
Custodian Signature		Date Signed	
COC Identifier	Used as validation of information in		
Email:		Phone	

## Stormwater Characterization Monitoring Collection Form

(Complete a separate form for each outfall sampled)

Facility Sample Information			
Name:	Town of Gilbert	AZPMS4 Auth. No.	
Outfall Identifier:	111976 - Western Canal @ Lindsay Rd.	Photo of Site	
General Location:	_____		
	_____		
	_____		
Sampling Personnel Information			
Person(s)/Title(s) collecting sample:			
Email:		Phone	
Person(s)/Title(s) assisting with sample:			
Email:		Phone	
Field Sampling Data			
Nature of Discharge: <input type="checkbox"/> Stormwater <input type="checkbox"/> Snowmelt <input type="checkbox"/> Other (explain):			
Date & Time Storm Event:	Date & Time Sample Collected:		
Rainfall Amount (inches):	Gage Source/Location (If used to determine rainfall amount)		
Was the sample taken in first 30 minutes of storm? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was the sample taken at least 72 hours after a previous storm event?*	If no, to either provide explanation:	
	<input type="checkbox"/> Yes <input type="checkbox"/> No		
* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.			
Field Sampling Data			
Purpose for Sampling	<input type="checkbox"/> Characterization <input type="checkbox"/> Analytical <input type="checkbox"/> TDML Based <input type="checkbox"/> ADEQ Request <input type="checkbox"/> Other		
Type of Sample	<input type="checkbox"/> Grab <input type="checkbox"/> Auto sampler <input type="checkbox"/> Passive sampler <input type="checkbox"/> Other _____		
Field Instrument Calibration Data: (Auto Sampler only)	Date of Last Calibration: _____ Method of Calibration: _____		
Quantity of Sample	Number of Laboratory Containers		or Number of ml (ml)
Unique Sample Identifier (To be matched to Identifier on COC)			
Laboratory Testing Parameters (Maybe provided by Testing Lab)	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Type and Amount: _____		

Preservatives Added to Samples	<input type="checkbox"/> Yes <input type="checkbox"/> No    If Yes, Type and Amount: _____		
<b>Field Observation Data</b>			
Indicators of Stormwater Pollution Observed? (May be based on a Visual Assessment)	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Do the observations indicate an illicit discharge?	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Do the observations indicate require further investigation?	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Additional observations of sampling procedures and conditions at the time of sampling:			
Description of problems encountered, or deviations made from the Sampling and Analysis Plan (SAP):			
<b>Certification Statement</b>			
"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."			
A. Printed Name:		B. Title:	
C. Signature:		D. Date Signed:	
Email:		Phone	
<b>Chain of Custody</b>			
Laboratory: Name:			
Laboratory: Address		Phone:	
Custodian Name		Title:	
Custodian Signature		Date Signed	
COC Identifier	Used as validation of information in		
Email:		Phone	

## Stormwater Characterization Monitoring Collection Form

(Complete a separate form for each outfall sampled)

Facility Sample Information			
Name:	Town of Gilbert	AZPMS4 Auth. No.	
Outfall Identifier:	112226 - Riggs Rd. @ EMF	Photo of Site	
General Location:	_____		
	_____		
	_____		
Sampling Personnel Information			
Person(s)/Title(s) collecting sample:			
Email:		Phone	
Person(s)/Title(s) assisting with sample:			
Email:		Phone	
Field Sampling Data			
Nature of Discharge: <input type="checkbox"/> Stormwater <input type="checkbox"/> Snowmelt <input type="checkbox"/> Other (explain):			
Date & Time Storm Event:	Date & Time Sample Collected:		
Rainfall Amount (inches):	Gage Source/Location (If used to determine rainfall amount)		
Was the sample taken in first 30 minutes of storm? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was the sample taken at least 72 hours after a previous storm event?*	If no, to either provide explanation:	
	<input type="checkbox"/> Yes <input type="checkbox"/> No		
* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.			
Field Sampling Data			
Purpose for Sampling	<input type="checkbox"/> Characterization <input type="checkbox"/> Analytical <input type="checkbox"/> TDML Based <input type="checkbox"/> ADEQ Request <input type="checkbox"/> Other		
Type of Sample	<input type="checkbox"/> Grab <input type="checkbox"/> Auto sampler <input type="checkbox"/> Passive sampler <input type="checkbox"/> Other _____		
Field Instrument Calibration Data: (Auto Sampler only)	Date of Last Calibration: _____ Method of Calibration: _____		
Quantity of Sample	Number of Laboratory Containers		or Number of ml (ml)
Unique Sample Identifier (To be matched to Identifier on COC)			
Laboratory Testing Parameters (Maybe provided by Testing Lab)	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Type and Amount: _____		

Preservatives Added to Samples	<input type="checkbox"/> Yes <input type="checkbox"/> No    If Yes, Type and Amount: _____		
<b>Field Observation Data</b>			
Indicators of Stormwater Pollution Observed? (May be based on a Visual Assessment)	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Do the observations indicate an illicit discharge?	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Do the observations indicate require further investigation?	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____		
Additional observations of sampling procedures and conditions at the time of sampling:			
Description of problems encountered, or deviations made from the Sampling and Analysis Plan (SAP):			
<b>Certification Statement</b>			
"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."			
A. Printed Name:		B. Title:	
C. Signature:		D. Date Signed:	
Email:		Phone	
<b>Chain of Custody</b>			
Laboratory: Name:			
Laboratory: Address		Phone:	
Custodian Name		Title:	
Custodian Signature		Date Signed	
COC Identifier	Used as validation of information in		
Email:		Phone	



## Chain of Custody

**Laboratory ID:**

**Sample ID:**

<b>Client Name/Address</b>		<b>Project Name:</b>		<b>Outfall ID:</b>	
		<b>Project Number:</b>			
		<b>Report to: Name:</b>		<b>Phone No.</b>	
		<b>Email:</b>			
<b>Sampler:</b>	<b>Preservative:</b>	<b>Seals:</b>	<b>Total Containers:</b>	<b>Temperature:</b>	

Lab #	Client ID	Date	Time	Matrix	# of Cont.	Tested Constituents	Comments/Appearance

<b>Relinquished by:</b>	<b>Received by:</b>			

## Stormwater Management Program – Visual Monitoring Report Form

SECTION A GENERAL INFORMATION	
Inspection Date:	Time:
Outfall Location:	<input type="checkbox"/> <b>Outfall 2033</b> - Queen Creek at Ranch House Rd. (Long: 111.6947, Lat: 33.2633) <input type="checkbox"/> <b>Outfall 559</b> - Queen Creek at Recker Rd. (Long: 111.7032, Lat: 33.2634) <input type="checkbox"/> <b>Outfall 107355</b> - Sonoqui Wash at Higley Rd. (Long: 111.7203, Lat: 33.2491) <input type="checkbox"/> <b>Outfall 107333</b> - Queen Creek Rd. at Eastern Maricopa Floodway (Long: 111.7254, Lat: 33.2630) <input type="checkbox"/> <b>Outfall 107740</b> - Sonoqui Wash west of Soboba Rd. (Long: 111.7117, Lat: 33.2486) <input type="checkbox"/> <b>Outfall 107744</b> - Sonoqui Wash at Soboba Rd. (Long: 111.7073, Lat: 33.2485) <input type="checkbox"/> <b>Outfall 111035</b> - Queen Creek east of Ranch House Rd. (Long: 111.6917, Lat: 33.2649) <input type="checkbox"/> <b>Outfall 111976</b> - Western Canal at Lindsay Rd. (Long: 111.7737, Lat: 33.3572) <input type="checkbox"/> <b>Outfall 112226</b> - Riggs Road and Eastern Maricopa Floodway (Long: 111.7382, Lat: 33.2191) <input type="checkbox"/> <b>Outfall 113137</b> - Sonoqui Wash at Recker Rd (Long: 111.7033, Lat: 33.2488) <input type="checkbox"/> <b>Outfall 101409</b> - Western Canal north of Cottonwood Dr/Hearn Wy. (Long: 111.7855, Lat: 33.3572) <input type="checkbox"/> <b>Outfall 111973</b> - Western Canal at Gilbert Ln. (Long: 111.7890, Lat: 33.3571) <input type="checkbox"/> <b>Outfall 115112</b> - Western Canal west of Neely St. (Long: 111.7968, Lat: 33.3571)
Staff Present at Time of Monitoring:	Name:
	Phone:
	Email:
	Department:
Type of Monitoring:	<input type="checkbox"/> Dry Weather <input type="checkbox"/> Wet Weather <input type="checkbox"/> Characterization



Was Flow Observed:	<input type="checkbox"/> Yes <input type="checkbox"/> No <i>Notify the Stormwater Programs Coordinator immediately if any visual observations may be an active upstream discharge that could not be identified or determined at the time of the inspection.</i>
Structure Type:	<input type="checkbox"/> Channel <input type="checkbox"/> Manhole <input type="checkbox"/> Catch Basin <input type="checkbox"/> Other _____
Dominant Watershed Land:	<input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Other _____

**SECTION B WEATHER CONDITIONS**

Rainfall Intensity:	<input type="checkbox"/> No Rain <input type="checkbox"/> Heavy <input type="checkbox"/> Moderate <input type="checkbox"/> Light
Rain Gage Data:	Total Inches: _____ Storm Duration: _____ Peak Intensity: _____
Flow Intensity: <i>(If no flow meter present.)</i>	<input type="checkbox"/> Substantial <input type="checkbox"/> Moderate <input type="checkbox"/> Light <i>(above curb)                      (below curb)                      (gutter only)</i>
Flow Rate: <i>(Flow Meter Reading):</i>	_____ <input type="checkbox"/> gpm <input type="checkbox"/> cfs

**SECTION C VISUAL OBSERVATIONS (DISCHARGE SAMPLE)**

Odor:	<input type="checkbox"/> None <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Rotten Eggs <input type="checkbox"/> Sour Milk <input type="checkbox"/> Other _____
Color:	<input type="checkbox"/> None <input type="checkbox"/> Red <input type="checkbox"/> Yellow <input type="checkbox"/> Brown <input type="checkbox"/> Green <input type="checkbox"/> Grey <input type="checkbox"/> White <input type="checkbox"/> Other
Clarity:	<input type="checkbox"/> Clean <input type="checkbox"/> Cloudy <input type="checkbox"/> Opaque
Solids:	<input type="checkbox"/> None <input type="checkbox"/> Floating <input type="checkbox"/> Suspended <input type="checkbox"/> Settled
Floatables:	<input type="checkbox"/> None <input type="checkbox"/> Trash/Litter <input type="checkbox"/> Sewage (Toilet Paper) <input type="checkbox"/> Petroleum <input type="checkbox"/> Soap/Suds/Foam <input type="checkbox"/> Oily Sheen <input type="checkbox"/> Other _____



<b>SECTION D VISUAL OBSERVATIONS (OTHER)</b>	
Deposits/Staining:	<input type="checkbox"/> None <input type="checkbox"/> Sediment <input type="checkbox"/> Oily <input type="checkbox"/> Rusty <input type="checkbox"/> Other _____
Vegetation Growth:	<input type="checkbox"/> None <input type="checkbox"/> Normal <input type="checkbox"/> Excessive <input type="checkbox"/> Inhibitive <input type="checkbox"/> Other _____
Structural Conditions:	<input type="checkbox"/> Normal <input type="checkbox"/> Cracking <input type="checkbox"/> Corrosion <input type="checkbox"/> Repairs Needed
Biological:	<input type="checkbox"/> None <input type="checkbox"/> Mosquito Larvae/Pupa <input type="checkbox"/> Algae <input type="checkbox"/> Other _____

<b>SECTION E – WORK ORDER NOTES</b>	
Work Order created for maintenance or repairs?	<input type="checkbox"/> Yes <input type="checkbox"/> No                      Work Order # _____
Description	

<b>SECTION F - SIGNATURES</b>			
Inspector:	Signature:	Date:	
	Title:	Dept:	

## APPENDIX C LABORATORY RESULTS

## APPENDIX I NOTICE OF INTENT

### QUICK LINKS

[Appendix A: MS4 Infrastructure Maps](#)

[Appendix B: MCM 1 Public Education and Outreach BMP Details](#)

[Appendix C: MCM 2 Public Participation and Involvement BMP Details](#)

[Appendix D: MCM 3 Illicit Discharge Detection and Elimination Program BMP Details](#)

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[Appendix K: Annual Review and Revision Log](#)

[Appendix L: Forms](#)

[Appendix M: Site Specific SWPPP](#)



# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



1110 West Washington Street Phoenix, Arizona 85007  
(602) 771-2300 [www.azdeq.gov](http://www.azdeq.gov)

## **NOI for Arizona Pollutant Discharge Elimination System (AZPDES) Small Municipal Separate Storm Sewer Systems (MS4s) General Permit**

**ID #: AZSM69233**

### **Main Office**

1110 W. Washington Street . Phoenix, AZ 85007  
(602)771-2300

### **Southern Regional Office**

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(520)628-6733

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# NOI Summary

## Company Information

**Name :** TOWN OF GILBERT  
4760 S GREENFIELD RD  
GILBERT  
AZ , 85297

**Question: Which of your companies/agencies is this for?**

TOWN OF GILBERT

**Question: Verify the information for**

Answer: TOWN OF GILBERT MS4

**Question: Which of the following best describes operator type?**

Answer: Town

**Estimated population:** Population greater than 100,000

**Question: Who is the MS4 contact?**

Answer:

**Contact Name:** Hondo Judd  
**Title:** Manager  
**Department:** Environmental Compliance  
**Phone#:** 4806201012  
**Email Address:** hondo.judd@gilbertaz.gov  
**Address:** 4760 S. Greenfield Rd.  
Gilbert, AZ, 85297

**Question: Has another government entity agreed to satisfy any permit obligations?**

Answer: No

**Question: Has an Illicit Discharge Detection and Elimination (IDDE) enforcement authority or other regulatory mechanism been established?**

Answer: Yes

Name	Title/Code/Citation	Effective Date
------	---------------------	----------------

Town Gilbert	Code Sec. 30-54	09/30/2018
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**Question: Has a Construction Site Stormwater Runoff enforcement authority or other regulatory mechanism been established?**

Answer: Yes

Name	Title/Code/Citation	Effective Date
Town Gilbert	Code Sec. 30-54	09/30/2018

**Question: Has a Post-Construction Stormwater Management enforcement authority or other regulatory mechanism been established?**

Answer: Yes

Name	Title/Code/Citation	Effective Date
Town Gilbert	Code Sec. 30-54	09/30/2018

**Question: Is stormwater sewer mapping 100 percent complete?**

Answer: Yes

**Question: Is outfall mapping 100 percent complete?**

Answer: Yes

**Number of outfalls mapped:** 5

**Question: Is identification of receiving waters information 100 percent complete?**

Answer: Yes

**Question: For Minimum Control Measure 1: Public Education and Outreach, what are the Best Management Practices (BMPs)?**

Answer:

**BMP Name:** Outreach

**Category:** Brochures

**Personnel Position/Department:** Hondo Judd Manager/Public works

**BMP Description :**

Brochures and other printed materials developed and updated to distribute at various Town events, neighborhood meetings, outreach opportunities, employee training sessions and/or IDDE related response calls. Hand out 100 brochures.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 07/01/2018

**Targeted Audience:** Residents, business owners and operators **Frequency:** 1 Annually

**Milestone Description:**

The following brochures were and made available in several locations this year; General Stormwater Pollutants, Drywells, Vehicle Maintenance, Household Hazardous Waste Collection Facility, Lake Communities Stormwater Pollution Prevention, Landscaping, Pool Draining, Carpet Cleaning and Pest Control Industry. 176 brochures were handed out over FY18. (>100%)

**BMP Name:** Local Outreach Group

**Category:** Regional Municipal Outreach Group

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Yearly membership with Stormwater Outreach for Regional Municipalities as funding allows.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Targeted Audience:** Public/Industry **Frequency:** 1 Monthly

**Milestone Description:**

Town continued membership and participation with Storm members to develop outreach.

**BMP Name:** Webpage

**Category:** Webpage

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Develop webpage on Town website. Have relevant and up-to-date materials for the public. The general permit available on webpage.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Targeted Audience:** All people living and working in Gilbert **Frequency:** 4 Annually

**Milestone Description:**

Updates were made to the webpage as necessary this year as well as the updated SWMP and new brochures made available for download.

---

**BMP Name:** Display/Posters

**Category:** Display/ Posters

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Create and implement stormwater curriculum to be utilized in classrooms.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Targeted Audience:** Residents and Students **Frequency:** 1 Annually

**Milestone Description:**

Developed classroom program for our use upon request. Had Environmental Education Exchange develop teacher guide in accordance with ADE Curriculum Standard to go along with Stormwater in the Desert Activity Book. Provided content for Water Wise Gilbert Newsletter (950 subscribers).

---

**BMP Name:** Special Event

**Category:** Special Event

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Attend Town and other local events to share education with the public.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Targeted Audience:** General Public **Frequency:** 8 Annually

**Milestone Description:**

Attended eight events. In those events 2542 direct contacts to members of the community were made.

---

**BMP Name:** Restaurant Brochures

**Main Office**

1110 W.Washington Street . Phoenix, AZ 85007  
(602)771-2300

**Southern Regional Office**

400 W.Congress Street . Suite 433 . Tucson, AZ 85701  
(520)628-6733

[www.azdeq.gov](http://www.azdeq.gov)

**Category:** Brochures

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

***BMP Description :***

Develop Materials Restaurants for Good Housekeeping.

***Is another government entity responsible for this BMP ?*** No

**Measurable Goals:**

***Start Date:*** 07/01/2017

***Targeted End Date:*** 06/30/2018

***Targeted Audience:*** Restaurants owners ***Frequency:*** 1 Annually  
and operators

***Milestone Description:***

Finalized brochure for restaurant good housekeeping for pollution prevention.

---

***BMP Name:*** Educational Materials

***Category:*** Promotional/Educational Items

***Personnel Position/Department:*** Hondo Judd/Manager/Public Works

***BMP Description :***

New promotional items ordered in FY18 include; rain gauges, rockin ray paper clip holder, notebooks to be used throughout FY19.

***Is another government entity responsible for this BMP ?*** No

**Measurable Goals:**

***Start Date:*** 07/01/2017

***Targeted End Date:*** 06/30/2018

***Targeted Audience:*** General Public ***Frequency:*** 1 Annually

***Milestone Description:***

At the 8 events attended; 545 doggie waste bag dispensers were handed out as well as, 200 collapsible dog bowls, 150 grocery bags, 94 pencils, 298 frisbees, and 172 middle school activity booklets, 320 elementary activity books, 49 STorm stamp markers, 30 clean up after your pet reminder stickers.

**Question: For Minimum Control Measure 2: Public Involvement and Participation, what are the Best Management Practices (BMPs)?**

Answer:

***BMP Name:*** Public Reporting

***Category:*** Public Participation

***Personnel Position/Department:*** Hondo Judd/Manager/Public Works

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**BMP Description :**

Provide a place for residents to request information or report violations.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Frequency:** 1 Annually

**Milestone Description:**

When reports come in they are all taken seriously and investigated. Residents are always able to get information concerning specific stormwater issues from the website or through direct contact with the Department.

**BMP Name:** Industrial/Commercial Business Outreach

**Category:** Public Involvement

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Visit 5% of industrial/commercial businesses in Gilbert annually.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Frequency:** 1 Annually

**Milestone Description:**

On-going project to compile full list of businesses for tracking to reach goal. When complaints came in sites were visited and information was given to manager. Approximately 20% of target reached.

**BMP Name:** Volunteer Opportunities

**Category:** Public Participation

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Coordinate with the community to identify and/ or perform projects that help reduce stormwater pollution and raise pollution prevention awareness.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Frequency:** 1 Annually

**Milestone Description:**

Worked with ASU Volunteer to improve and advertise stormwater content for middle school. Utilized citizen advisory panel to develop plans for FY19 volunteer opportunities. Reached 100% of goal.

---

**BMP Name:** Stormwater Advisory Committee

**Category:** Public Participation

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Establish committee of community members, host meetings to make improvements to the program.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Frequency:** 1 Annually

**Milestone Description:**

Citizen Advisory Committee started in June of 2018. Ongoing meetings scheduled.

---

**BMP Name:** Public Notice

**Category:** Public Involvement

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

NOI and SWMP available for download and public review on webpage.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Frequency:** 1 Annually

**Milestone Description:**

Finalized updated SWMP and made available on the website.

---

**BMP Name:** Stormwater Advisory Committee Continued

**Category:** Public Participation

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

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**BMP Description :**

Continue to work with Advisory Committee to focus outreach efforts.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 3 Annually

**Milestone Description:**

Meet October 2018 and every 4 months after.

**Question: For Minimum Control Measure 3: Illicit Discharge Detection and Elimination Program, what are the Best Management Practices (BMPs)?**

Answer:

**BMP Name:** Implement IDDE Program

**Category:** Implement IDDE Program

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Investigate 100% of IDDE reports and/or complaints.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Frequency:** 1 Daily

**Milestone Description:**

There were 28 reported violations in FY18 and all 28 were investigated. Relevant information was relayed to the appropriate parties.

**BMP Name:** Stormwater Sewer Mapping

**Category:** Staff Training

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Have 100% of stormwater infrastructure in the Town mapped on GIS.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Frequency:** 1 Annually

**Milestone Description:**

The Town's entire stormwater infrastructure has been mapped on the Town GIS system and continues to be updated whenever there is construction.

---

**BMP Name:** IDDE Program

**Category:** Implement IDDE Program

**Personnel Position/Department:** Hondo Judd/Manager/PublicWorks

**BMP Description :**

Inspect and Maintain Town owned Stormwater infrastructure. CCTV 20% storm system annually.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Frequency:** 1 Annually

**Milestone Description:**

Wastewater maintains the pump stations, Streets maintains the storm drains, curb inlets, catch basins, etc. and Environmental Compliance Group annually (at least) inspects all Town owned infrastructure.

---

**BMP Name:** Dry Weather Screening

**Category:** Dry Weather Screening

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Inspect 18 active identified discharge points quarterly. Repair, replace, or clean when necessary.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Frequency:** 4 Annually

**Milestone Description:**

Quarterly inspections of outfalls into the Sonoqui Wash, East Maricopa Floodway, Queen Creek Wash, and Freestone Park were completed.

---

**BMP Name:** Wet Weather Screening

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[www.azdeq.gov](http://www.azdeq.gov)

**Category:** Wet Weather Monitoring

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

***BMP Description :***

Five identified discharge points into the Sonoqui wash were monitored during wet weather (twice in wet seasons and twice in dry season) for illicit discharges.

***Is another government entity responsible for this BMP ?*** No

**Measurable Goals:**

***Start Date:*** 07/01/2017

***Targeted End Date:*** 06/30/2018

***Frequency:*** 10 Annually

***Milestone Description:***

Wet weather inspections were completed at the five identified outfalls on the Sonoqui Wash twice during the wet season. There were no signs of illicit discharges.

---

***BMP Name:*** Implement Stormwater Ordinance for Town

***Category:*** Implement IDDE Program

***Personnel Position/Department:*** Hondo Judd/Manager/Public Works

***BMP Description :***

Town ordinance to include enforcement of stormwater pollution.

***Is another government entity responsible for this BMP ?*** No

**Measurable Goals:**

***Start Date:*** 07/01/2017

***Targeted End Date:*** 06/30/2018

***Frequency:*** 1 Annually

***Milestone Description:***

Chapter 30 Article III Ordinance 1590 of Gilbert Town Code covers enforcement rights for stormwater pollution.

---

***BMP Name:*** Training

***Category:*** Staff Training

***Personnel Position/Department:*** Hondo Judd/Manager/Public Works

***BMP Description :***

Train Town employees annually in relevant positions for stormwater pollution prevention.

***Is another government entity responsible for this BMP ?*** No

**Measurable Goals:**

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**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Frequency:** 1 Annually

**Milestone Description:**

Annual training for Public Works employees, Planning and Development inspectors, and Fleet. Training for Police and Fire to be established.

---

**BMP Name:** Unpermitted Facilities and Activities

**Category:** Written IDDE Procedures

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Town will work to identify unpermitted facilities and activities that are discharging to the MS4.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2017

**Targeted End Date:** 06/30/2018

**Frequency:** 1 Annually

**Milestone Description:**

Upon application for business licenses within the Town new industrial facilities will be run annually by the Business Licensing Department and the SIC codes will be cross referenced.

---

**BMP Name:** Wet Weather Sampling

**Category:** Wet Weather Monitoring

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Water sampling devices will be installed at the 5 identified locations to allow for monitoring of any flow when staff members are not able to get to the outfall during the time of flow.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

Install collection devices during the spring of 2019.

---

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**BMP Name:** Storm Infrastructure Mapping

**Category:** GIS Mapping

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Have 100% of stormwater infrastructure in the Town mapped on GIS.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

The Town's entire stormwater infrastructure has been mapped on the Town GIS system and continues to be updated whenever there is construction.

---

**BMP Name:** Investigating IDDE Reports/Complaints

**Category:** Implement IDDE Program

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Investigate 100% of reports and complaints made to the Town of illicit discharges.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

As illicit discharge reports and complaints are made 100% will be investigated and eliminated.

---

**BMP Name:** Inspect and Maintain stormwater infrastructure

**Category:** Infrastructure Maintenance

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Quarterly inspections of all Town owned facilities and outfalls by Environmental Compliance group. To be completed throughout the reporting period.

**Is another government entity responsible for this BMP ?** No

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**Measurable Goals:**

**Start Date:** 07/01/2018  
**Targeted End Date:** 06/30/2019  
**Frequency:** 1 Two times per year

**Milestone Description:**

Within the year 20% of Town-owned stormwater infrastructure will be inspected and then will either be cleaned or CCTV'd/both, depending on findings.

---

**BMP Name:** Dry weather monitoring  
**Category:** Dry Weather Screening  
**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Conduct quarterly inspections of the 18 outfalls into the Sonoqui Wash, East Maricopa Floodway, Queen Creek Wash, and Western Canal.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018  
**Targeted End Date:** 06/30/2019  
**Frequency:** 1 Annually

**Milestone Description:**

Inspect 18 identified active discharge points, quarterly. Clean, repair, or replace when necessary.

---

**BMP Name:** IDDE Training  
**Category:** Staff Training  
**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Train Town employees annually in relevant positions for stormwater pollution prevention. To include IDDE, Good Housekeeping, and Ground Control training.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018  
**Targeted End Date:** 06/30/2019  
**Frequency:** 1 Annually

**Milestone Description:**

Complete Annual training for Public Works staff, field employees, onsite, inspectors offsite inspectors, and fleet. Training for Police and Fire to be established.

---

**BMP Name:** Unpermitted Business

**Category:** Unpermitted Facilities and Activities

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

***BMP Description :***

Town will work to identify unpermitted facilities and activities that are discharging to the MS4.

***Is another government entity responsible for this BMP ?*** No

**Measurable Goals:**

***Start Date:*** 07/01/2018

***Targeted End Date:*** 06/30/2019

***Frequency:*** 1 Annually

***Milestone Description:***

Upon application for business licenses within the Town new industrial facilities will be run annually by the Business Licensing Department and the SIC codes will be cross referenced and reported to ADEQ if in need of a MSGP.

**Question: For Minimum Control Measure 4: Construction Activity Stormwater Runoff Control, what are the Best Management Practices (BMPs)?**

Answer:

**BMP Name:** Construction Inspections

**Category:** Inspections

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

***BMP Description :***

Inspect 25% of active construction sites in the next fiscal year. Inspect Construction Sites to State, County, and Town regulations and standards. Maintain an inventory of all active construction sites within Town boundaries that disturb 1 acre or more.

***Is another government entity responsible for this BMP ?*** No

**Measurable Goals:**

***Start Date:*** 07/01/2018

***Targeted End Date:*** 06/30/2019

***Frequency:*** 1 Annually

***Milestone Description:***

Inspect sites as they receive their NOI from ADEQ and as necessary throughout the reporting period.

---

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**BMP Name:** Construction Site Plan Review

**Category:** Site Plan Review

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Site Plan Review is conducted by Planning and Development Services and is completed for any new construction in the Town. Plan review procedures are assessed annually to confirm plans are being routed properly and complete records are being maintained.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

Site Plan Reviews are conducted to catch any illicit connections at 100% of new sites.

---

**BMP Name:** Education and Public Involvement

**Category:** Construction Operator Training

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Conduct 2 additional seminars and workshops with other municipalities and ADEQ.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

Two workshops held in Phoenix Metro area.

---

**BMP Name:** Ground Control Training

**Category:** Erosion/ Sediment Control

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Staff training for onsite and offsite inspectors who deal with contractors; Ground Control.

**Is another government entity responsible for this BMP ?** No

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**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

Offsite and onsite inspectors, within Development Services, have been trained to identify illicit discharges and inadequate BMPs.

**BMP Name:** Waste Control Inspections

**Category:** Control Wastes

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Inspect 25% of active construction sites in the next fiscal year. Inspect Construction Sites to State, County, and Town regulations and standards. As sites are inspected, we will ensure proper disposal and waste is maintained and proper BMPs are in place.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

As these sites are inspected, we will document and ensure 100% compliance of proper procedures are being followed with waste management. Infractions will be documented and these sites will be revisited to ensure compliance.

**Question: For Minimum Control Measure 5: Post-Construction Stormwater Management in New Development and Redevelopment, what are the Best Management Practices (BMPs)?**

Answer:

**BMP Name:** Site Plan Reviews

**Category:** Site Plan Reviews

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Storm drainage system technical design manual review and assessment.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

Some design specification meetings and training events took place in FY18 between Environmental Compliance and Development Services along with local contractors.

---

**BMP Name:** Structural/Non-Structural

**Category:** Structural/Non-Structural BMP

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Procedures implemented for the identification of parties responsible for various components of the drainage system.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

Long-term operation and maintenance controls inspected and issues resolved.

---

**BMP Name:** Inventory

**Category:** Inventory

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Stormwater control inventory of new development and redevelopment sites.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

Once construction is complete the contractor submits as-built plans. The Town finalizes these plans and post-construction structural stormwater control measures that discharge to the MS4 are catalogued in the Town's geodatabase. Everything privately and publicly owned is documented within the GIS system.

---

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**BMP Name:** O&M

**Category:** O&M Procedures

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Procedures have been implemented to identify parties responsible for the diff components of the infrastructure. Inspections will be conductd annually or as needed.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

As questions or complaints arise, we will inspect or contact the property owner on the items that are out of compliance.

**Question: What are the municipal facilities that are part of MCM 6: Pollution Prevention and Good Housekeeping?**

Answer:

**Facility Name:** Household Hazardous Waste Collection Facility

**Type of Facility:** Hazardous Household Waste Facility

**Priority:** High

**Pollution Prevention Plan:** Yes

**Inspection Schedule:** Quarterly

**Training Schedule:** Annual

---

**Facility Name:** Fire Stations (11)

**Type of Facility:** Fire/Police Stations

**Priority:** High

**Pollution Prevention Plan:** Yes

**Inspection Schedule:** Quarterly

**Training Schedule:** Annual

---

**Facility Name:** Public Works Yards (North & South)

**Type of Facility:** Maintenance Yards/Fleet Facilities

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**Priority:** High  
**Pollution Prevention Plan:** Yes  
**Inspection Schedule:** Quarterly  
**Training Schedule:** Annual

---

**Facility Name:** Police Stations (2)  
**Type of Facility:** Fire/Police Stations  
**Priority:** High  
**Pollution Prevention Plan:** Yes  
**Inspection Schedule:** Quarterly  
**Training Schedule:** Annual

---

**Facility Name:** All Town-owned stormwater infrastructure  
**Type of Facility:** Municipal Operations  
**Priority:** High  
**Pollution Prevention Plan:** Yes  
**Inspection Schedule:** Quarterly  
**Training Schedule:** Annual

---

**Facility Name:** Lift Stations (12)  
**Type of Facility:** Municipal Operations  
**Priority:** High  
**Pollution Prevention Plan:** Yes  
**Inspection Schedule:** Quarterly  
**Training Schedule:** Annual

---

**Facility Name:** Well Sites (25)  
**Type of Facility:** Municipal Operations  
**Priority:** High  
**Pollution Prevention Plan:** Yes  
**Inspection Schedule:** Quarterly

**Training Schedule:** Annual

---

**Facility Name:** Civic Center Campus

**Type of Facility:** Municipal Operations

**Priority:** High

**Pollution Prevention Plan:** Yes

**Inspection Schedule:** Quarterly

**Training Schedule:** Annual

---

**Facility Name:** Parks

**Type of Facility:** Parks,Golf Courses,Green Belts

**Priority:** High

**Pollution Prevention Plan:** Yes

**Inspection Schedule:** Quarterly

**Training Schedule:** Annual

**Question: For Minimum Control Measure 6: Pollution Prevention and Good Housekeeping, what are the Best Management Practices (BMPs)?**

Answer:

**BMP Name:** Quarterly Inspections

**Category:** Inspections

**Facility Information:**

All Town-owned stormwater infrastructure

Household Hazardous Waste Collection Facility

Fire Stations (11)

Public Works Yards (North & South)

Lift Stations (12)

Well Sites (25)

Civic Center Campus

Parks

Police Stations (2)

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

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Inspect and Maintain town-owned infrastructure. To include catch basins, retention basins, storm drains inlets, drywells, and other conveyances of stormwater.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

Complete inspections on all town-owned facilities every quarter.

---

**BMP Name:** Stormwater Inventory

**Category:** Inventory

**Facility Information:**

All Town-owned stormwater infrastructure

Household Hazardous Waste Collection Facility

Fire Stations (11)

Public Works Yards (North & South)

Police Stations (2)

Lift Stations (12)

Well Sites (25)

Civic Center Campus

Parks

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Have 100% of stormwater infrastructure in the Town mapped on GIS.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

The Town's entire stormwater infrastructure has been mapped on the Town GIS system and continues to be updated whenever there is construction.

---

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**BMP Name:** O&M SOP implementation

**Category:** O&M Procedures

**Facility Information:**

All Town-owned stormwater infrastructure  
Household Hazardous Waste Collection Facility  
Fire Stations (11)  
Public Works Yards (North & South)  
Police Stations (2)  
Lift Stations (12)  
Well Sites (25)  
Civic Center Campus  
Parks

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Create SOPs for the cleaning, repair, and replacement of all town-owned stormwater infrastructure.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

Implement the developed SOP's for O&M activities.

**BMP Name:** Quarterly Street Sweeping

**Category:** Maintenance Schedule

**Facility Information:**

All Town-owned stormwater infrastructure  
Household Hazardous Waste Collection Facility  
Fire Stations (11)  
Public Works Yards (North & South)  
Police Stations (2)  
Lift Stations (12)  
Well Sites (25)  
Civic Center Campus

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Parks

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Sweep major arterial streets and residential streets four times a year at minimum.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Quarterly

**Milestone Description:**

Sweep and report miles and tonnage of material removed.

**BMP Name:** Annual Training

**Category:** Training

**Facility Information:**

All Town-owned stormwater infrastructure

Household Hazardous Waste Collection Facility

Fire Stations (11)

Public Works Yards (North & South)

Police Stations (2)

Lift Stations (12)

Well Sites (25)

Civic Center Campus

Parks

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

IDDE, Good Housekeeping, and Ground Control training will be offered annually to field personnel.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

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Annual training to all relevant Town employees will be provided either in person or via the online training module (silkroad) and monitored by the Environmental Compliance Division.

---

**BMP Name:** SSO Prevention

**Category:** Maintenance Activities

**Facility Information:**

All Town-owned stormwater infrastructure

Household Hazardous Waste Collection Facility

Fire Stations (11)

Public Works Yards (North & South)

Police Stations (2)

Civic Center Campus

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Clean 20% of sanitary sewer lines and CCTV 15% to prevent sanitary sewer overflows.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

Periodic inspections are completed to ensure that 20% of sanitary sewer lines and CCTV 15%.

---

**BMP Name:** Hazardous Waste Collection

**Category:** Household Hazardous Waste Elimination

**Facility Information:**

Household Hazardous Waste Collection Facility

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Collect household hazardous waste at our HHW facility, eliminating IDDE of household products. Collection of HHW from all divisions throughout the Town.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

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**Targeted End Date:** 06/30/2019

**Frequency:** 1 Daily

**Milestone Description:**

The facility is open 3 times a week for the public to drop off unwanted or old household hazardous waste. The goal is to collect, recycle, and find the best method for disposal.

---

**BMP Name:** Fire station Inspections

**Category:** Inspections

**Facility Information:**

Fire Stations (11)

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Inspect fire department facilities. To include catch basins, retention basins, storm drains inlets, drywells, retention overflow pipes, and other conveyances of stormwater.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Quarterly

**Milestone Description:**

Complete inspections on all fire department facilities every quarter.

---

**BMP Name:** Public Works Inspections

**Category:** Inspections

**Facility Information:**

Public Works Yards (North & South)

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Inspect public works facilities. To include catch basins, retention basins, storm drains inlets, drywells, retention overflow pipes, and other conveyances of stormwater.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Quarterly

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**Milestone Description:**

Complete inspections on public works facilities every quarter.

---

**BMP Name:** Parks Infrastructure Maintenance

**Category:** Maintenance Activities

**Facility Information:**

Parks

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Ensure the free flowing of stormwater into the basins through cleaning, repairing, and replacing the stormwater infrastructure.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

All internal customer complaints for any blockages are assessed, cleaned, and maintained. They are processed and tracked through the work order management system.

---

**BMP Name:** Lift Station Infrastructure Maintenance

**Category:** Maintenance Activities

**Facility Information:**

Lift Stations (12)

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

Ensure the free flowing of stormwater into the basins through cleaning, repairing, and replacing the stormwater infrastructure.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

All internal customer complaints for any blockages are assessed, cleaned, and maintained. They are processed and tracked through the work order management system.

---

**BMP Name:** Well Site Infrastructure Maintenance

**Category:** Maintenance Activities

**Facility Information:**

Well Sites (25)

**Personnel Position/Department:** Hondo Judd/Manager/Public Works

**BMP Description :**

All internal customer complaints for any blockages are assessed, cleaned, and maintained.

**Is another government entity responsible for this BMP ?** No

**Measurable Goals:**

**Start Date:** 07/01/2018

**Targeted End Date:** 06/30/2019

**Frequency:** 1 Annually

**Milestone Description:**

All internal customer complaints for any blockages are assessed, cleaned, and maintained. They are processed and tracked through the work order management system.

**Question: Does the MS4 have outfalls that discharge to any of the following: waters listed in Arizona Administrative Code (R18-11 Article 1 - Appendix B); impaired/not-attaining waters; or Outstanding Arizona Waters?**

Answer:

No

**Question: Has a dry-weather visual outfall monitoring program been implemented?**

Answer: Yes

**Implementation Date:** 01/01/2018

**Question: How many outfalls will be included in the dry-weather outfall monitoring program?**

Answer:

**Estimated number of municipal stormwater outfalls:** 5

**Percentage of municipal stormwater outfalls that will be monitored each year under the dry-weather monitoring program:** 100

**Question: Will visual wet-weather monitoring be conducted?**

Answer: Yes

**Question: Where will visual wet-weather monitoring be conducted?**

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Answer:

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	8053	33.249127	-111.720305
2	Outfall	8413	33.248553	-111.711686
3	Outfall	11484	33.248764	-111.703273
4	Outfall	886	33.263416	-111.703195
5	Outfall	812	33.263296	-111.694748

**Question: For each outfall or field screening point for visual wet-weather monitoring, what is the receiving water?**

Answer:

Sr.No.	Outfall Name/Number	Outfall or Field Screening Point	Receiving Water	Receiving Water Type
1	8053	Outfall	UNKNOWN EPHEMERAL WATER	
2	8413	Outfall	UNKNOWN EPHEMERAL WATER	
3	11484	Outfall	UNKNOWN EPHEMERAL WATER	
4	886	Outfall	UNKNOWN EPHEMERAL WATER	
5	812	Outfall	UNKNOWN EPHEMERAL WATER	

**Question: Where will analytical discharge monitoring be conducted?**

Answer: No

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# CERTIFICATION OF SUBMISSION

**HONDO JUDD**

You validated your identity by answering your personal security question and password on myDEQ at **07:43 AM** on **06/04/2019**. At this time, you certified the summary information above by checking that you agreed to the following statement:

## **Pursuant to A.R.S. § 41-1030:**

(1) ADEQ shall not base a licensing decision, in whole or in part, on a requirement or condition not specifically authorized by statute or rule. General authority in a statute does not authorize a requirement or condition unless a rule is made pursuant to it that specifically authorizes the requirement or condition.

(2) Prohibited licensing decisions may be challenged in a private civil action. Relief may be awarded to the prevailing party against ADEQ, including reasonable attorney fees, damages, and all fees associated with the license application.

(3) ADEQ employees may not intentionally or knowingly violate the requirement for specific licensing authority. Violation is cause for disciplinary action or dismissal, pursuant to ADEQ's adopted personnel policy. ADEQ employees are still afforded the immunity in A.R.S. §§ 12-821.01 and 12-820.02.

## **Certify your submission:**

By checking this box I certify under penalty of law that this submittal was prepared by me, or under my direction or supervision of personnel appropriately qualified to properly gather and evaluate the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I understand that all information submitted to ADEQ is public record unless otherwise identified by law as confidential. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

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## APPENDIX J ANNUAL REPORT

Stormwater Annual Report – 2022/2023 {To be Inserted}

Stormwater Annual Report – 2023/2024 {To be Inserted}

Stormwater Annual Report – 2024/2025{To be Inserted}

Stormwater Annual Report – 2025/2026 {To be Inserted}

### QUICK LINKS

[Appendix A: MS4 Infrastructure Maps](#)

[Appendix B: MCM 1 Public Education and Outreach BMP Details](#)

[Appendix C: MCM 2 Public Participation and Involvement BMP Details](#)

[Appendix D: MCM 3 Illicit Discharge Detection and Elimination Program BMP Details](#)

[Appendix E: MCM 4 Construction Activity Stormwater Runoff Control BMP Details](#)

[Appendix F: MCM 5 Post-Construction Stormwater Management in New Development and Redevelopment BMP Details](#)

[Appendix G: MCM 6 Pollution Prevention/Good Housekeeping for Municipal Operations BMP Details](#)

[Appendix H: Sampling and Analysis Plan](#)

[Appendix I: Notice of Intent](#)

[Appendix J: Annual Report](#)

[Appendix K: Annual Review and Revision Log](#)

[Appendix L: Forms](#)

[Appendix M: Site Specific SWPPP](#)

## APPENDIX K ANNUAL REVIEW AND REVISION LOG

### QUICK LINKS

[Appendix A: MS4 Infrastructure Maps](#)

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[Appendix C: MCM 2 Public Participation and Involvement BMP Details](#)

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[Appendix L: Forms](#)

[Appendix M: Site Specific SWPPP](#)



SWMP Annual Review Date	Completed By: {Signature}	SWMP Revised (Y/N)	Revision Date	Revision Completed by: (Print)	Revision Summary
<u>2023</u>					
<u>2024</u>					
<u>2025</u>					
<u>2026</u>					
<u>2027</u> (If extended)					
<u>2028</u> (If extended)					



## APPENDIX L FORMS

Public Event Tracking Form  
IDDE Complaint Inspection Form  
Construction Inspection Form (ADEQ Version)  
Post-Construction Inspection Form  
Visual Monitoring Form  
Employee Training Form  
Facility Activities Form  
Chemical Tracking Form  
Good Housekeeping/Facility Inspection Form  
HOA SWPPP and Stormwater Maintenance Plan Form

## QUICK LINKS

[Appendix A: MS4  
Infrastructure Maps](#)

[Appendix B: MCM 1 Public  
Education and Outreach  
BMPs](#)

[Appendix C: MCM 2 Public  
Participation and Involvement  
BMP Details](#)

[Appendix D: MCM 3 Illicit  
Discharge Detection and  
Elimination Program BMP  
Details](#)

[Appendix E: MCM 4  
Construction Activity  
Stormwater Runoff Control  
BMP Details](#)

[Appendix F: MCM 5 Post-  
Construction Stormwater  
Management in New  
Development and  
Redevelopment BMP Details](#)

[Appendix G: MCM 6 Pollution  
Prevention/Good  
Housekeeping for Municipal  
Operations BMP Details](#)

[Appendix H: Sampling and  
Analysis Plan](#)

[Appendix I: Notice of Intent](#)

[Appendix J: Annual Report](#)

[Appendix K: Annual Review  
and Revision Log](#)

[Appendix L: Forms](#)

[Appendix M: Site Specific  
SWPPP](#)

## Stormwater Management Program – Public Event Report Form

Contact Information
Name:
Phone:
Address:

Event Information	
Name:	Location:
Date(s):	Time:
Type of Event:	
Event Description:	
Estimated Attendance:	
Estimated # of Attendees with Direct Discussion of Stormwater Pollution Prevention:	
Type and # of Brochures Distributed:	
Type and # of Handouts Distributed:	
Type of Displays Utilized:	
Other:	



Case #. \_\_\_\_\_

## Stormwater Management Program – Illicit Discharge investigation Form

{Insert Map of Outfall Location}

**LOCATION MAP**

Section A INSPECTION TRACKING INFORMATION	
Notice:	<input type="checkbox"/> 1 <sup>st</sup> Notice <input type="checkbox"/> 2 <sup>nd</sup> Notice
Person Taking the Complaint:	
How was the complaint filed?	<input type="checkbox"/> On-line Form <input type="checkbox"/> Phone Call <input type="checkbox"/> Email <input type="checkbox"/> In Person
Name of Inspector:	
Inspection Date:	Time of Inspection:
Weather Conditions:	

SECTION B SITE LOCATION: (SEE LOCATION MAP)		
ADDRESS:		
Latitude:	Longitude:	
Section:	Township:	Range:
Closest Cross-Streets:		
Upstream Land Use:	<input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Other: _____	

Case #. \_\_\_\_\_

**Photo of Illicit Discharge Site 1  
(Two Photos Minimum)**

{Insert Photo of Illicit Discharge}

**Photo of Illicit Discharge Site 1  
(Additional Photos can be added as attachments)**

{Insert Photo of Illicit Discharge}

SECTION C ILLICIT DISCHARGE DESCRIPTION	
TYPE OF ILLICIT DISCHARGE	GENERAL DESCRIPTION
<input type="checkbox"/> Trash/Debris/Vegetation/	_____
<input type="checkbox"/> Hazardous Material Spill	_____
<input type="checkbox"/> Chemical Spill	_____
<input type="checkbox"/> Sediment Laden Flow	_____
<input type="checkbox"/> Non-stormwater Flow	_____
<input type="checkbox"/> Other: _____	
Was there stormwater runoff present at the time of the inspection?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Flow Description:	<input type="checkbox"/> Light (above curb) <input type="checkbox"/> Moderate (below curb) <input type="checkbox"/> Substantial (gutter only)



If the illicit discharge contains hazardous materials, immediately clear the area and report the spill to the City of Chandler Fire.



Case #. \_\_\_\_\_

SECTION D RESPONSIBLE PARTY INFORMATION POLLUTANTS/PARAMETERS MONITORED				
POTENTIAL SOURCE	CHECK ALL THAT APPLY	ADDRESS OF SOURCE	CONTACT NAME	CONTACT PHONE NUMBER
Private Resident	<input type="checkbox"/>			
Commercial Facility	<input type="checkbox"/>			
Industrial Facility	<input type="checkbox"/>			
Public Facility	<input type="checkbox"/>			
Other	<input type="checkbox"/>			

SECTION E COMPLAINT CLOSE OUT		
TYPE OF ACTIONS	DESCRIPTION OF ACTION (INCLUDE DATES IF POSSIBLE)	
Notice of Violation	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
Follow-up Inspection	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
Clean up Request	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
Plan of Action Request	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
Civil Penalty	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
Criminal Lawsuit	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
Arbitration	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
Appeal	<input type="checkbox"/> Yes <input type="checkbox"/> No	
No Action	<input type="checkbox"/> Yes <input type="checkbox"/> No	



Case #. \_\_\_\_\_

**SECTION F COMMENTS (ADD ADDITIONAL INFORMATION PERTINENT TO FUTURE INSPECTIONS)**


**SECTION G 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 this system, or those persons directly responsible for gathering the information, I believe the information submitted is 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."*

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Phone: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



Case #. \_\_\_\_\_

# TOWN OF GILBERT

## Public Works Environmental Compliance Division NOTICE TO COMPLY

**This notice is not a ticket or a citation**

Date:		Time:	<input type="checkbox"/> AM <input type="checkbox"/> PM	Inspection No:	<input type="checkbox"/> 1st <input type="checkbox"/> 2nd <input type="checkbox"/> 3rd <input type="checkbox"/> Other
Responsible Party:	<input type="checkbox"/> Residential <input type="checkbox"/> Business <input type="checkbox"/> HOA	Address or Neighborhood			

It is our sincere intent to protect the health, safety and welfare of the citizens of The Town, by ensuring that its streets, alleys, storm drainage system and other rights-of-ways remain clean and safe. This effort is regulated by the Arizona Department of Environmental Quality and requires The Town to reduce or remove pollutants from the storm drain system. The Town's storm drain system includes streets and gutters. In some cases, the storm drains lead to common area retention basins where pets and children play. In order to protect the environment and your neighbors, we ask that you do your part. *(Storm Water Pollution Prevention Ordinance #1590, GILBERT TOWN CODE ARTICLE III)*

VIOLATION AND CORRECTIVE ACTION NEEDED	
<u>Specific Location:</u>	<input type="checkbox"/> Front Yard <input type="checkbox"/> Side Yard <input type="checkbox"/> Rear Yard <input type="checkbox"/> Alley <input type="checkbox"/> Town Right-of-Way <input type="checkbox"/> Drainageway <input type="checkbox"/> Other : _____
DESCRIPTION OF VIOLATION: (CHECK ALL THAT APPLY)	_____ Unauthorized dumping/discharge to the storm drain system <input type="checkbox"/> Motor Oil <input type="checkbox"/> Antifreeze/Other Automotive Fluid <input type="checkbox"/> Paint <input type="checkbox"/> Unknown Substance <input type="checkbox"/> landscape waster <input type="checkbox"/> Pet Waste <input type="checkbox"/> Trash <input type="checkbox"/> Pesticide/Fertilizer <input type="checkbox"/> excessive dirt or gravel <input type="checkbox"/> Pool filter backwash or pool water with excess chemicals/algae causing residue <input type="checkbox"/> Other : _____
	_____ Leaking vehicle that has or may result in storm drain pollution
	_____ Open container of hazardous material stored outdoors
	_____ Abandoned household hazardous waste
REQUIRED ACTION	_____ _____
A REINSPECTION WILL BE CONDUCTED ON	Date: _____ 20__ Time: _____ <input type="checkbox"/> AM <input type="checkbox"/> PM

Failure to Comply may result in civil infraction, in accordance with *Town of Gilbert Stormwater Enforcement Response Plan*

Thank you in advance for your cooperation in making the Town of Gilbert Chandler a better place to live and work. For more information go to The Town of Gilbert Stormwater Webpage (<https://www.gilbertaz.gov/departments/public-works/environmental-compliance/stormwater>).

If for any reason, you have difficulty complying with the corrective action(s) listed above or need further information, please contact the inspector listed below.

Inspector: \_\_\_\_\_ Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**Materials Distributed:**  Notice to Comply  Brochure  Town Code  Town Ordinance  Other

Applicable Regulations:

- Storm Water Pollution Prevention Ordinance #1590
- GILBERT TOWN CODE ARTICLE III
- National Pollutant Discharge Elimination System (NPDES Permit: (40 Code of Federal Regulations Part 122)
- Arizona Pollutant Discharge Elimination System (AZPDES) Permit (Arizona Administrative Code R18-9-A902)

**REMEMBER: ONLY RAIN IN THE STORM DRAIN!**



# 2020 Construction General Permit (CGP) Routine Inspection Report Form

## Section I. General Information (see instructions)

Name of Project	CGP Authorization No.	AZCN- _____	Inspection Date
-----------------	-----------------------	-------------	-----------------

Check box when using this form to inspect an inactive/unstaffed construction site (this option applies to an entire site only). See Part 4.2(4) of the permit. Inspect the site immediately before becoming inactive/unstaffed and every 6 months thereafter and within 24 hours of each storm event of 0.5 inch or greater in 24 hours.

Inspector Name, Title and Contact Information	Name: _____ Title: _____
	Contact information: _____

Present Phase of Construction	_____
-------------------------------	-------

**Inspection Schedule (all days are calendar days)** *(Note: you may be subject to different inspection frequencies in different areas of the site. Check all that apply. \* See Part 4.2 for qualifications)*

- Routine Schedule:**  Within 7 days\*  Within 14 days\* and within 24 hours of a 0.5" storm event  
 Once per month, but not within 14 days of the previous inspection and within 24 hours of a 0.25" storm event

- Reduced Schedule:** once per month (but not within 14 days of the previous inspection) and before an anticipated storm event and within 24 hours of the end of each storm event of 0.5 inch or greater in 24 hours.  
 Once per month (in stabilized areas)  
 Once per month (where discharges are unlikely based on seasonal rainfall patterns)  
 Once per month (where winter conditions exist and earth-disturbing activities are being conducted)

**Outfalls within 1/4 mile of an impaired water or outstanding Arizona water (OAW):**  Every 7 days and within 24 hours of a 0.5" storm event

**Was this inspection triggered by either a 0.25" or 0.5" storm event?**  Yes  No

**If yes, duration of storm event:**  < 1 hour  < 6 hrs  > 6 hrs

**If yes, how was the storm event determined (either 0.25" or 0.5")?**

Rain gauge on site  Weather station representative of site. Specify weather station source: \_\_\_\_\_

**Total rainfall amount that triggered the inspection (in inches):** \_\_\_\_\_

**Identify all sources of non-stormwater discharges occurring at the site and the associated control measures in place**

sources of non-stormwater discharges:	control measures associated with the non-stormwater discharges:
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____

**Adverse or Unsafe Conditions for Inspection**

Did you determine that any portion of the site was unsafe for inspection per CGP Part 4.2(6)?  Yes  No

If “yes”, complete the following:

- Describe the conditions that prevented you from conducting the inspection in this location:
  
- Location(s) where conditions were found:

**Note:** Inspections may be postponed when adverse or unsafe conditions exist such as local flooding, high winds, or electrical storms, or situations that otherwise make inspections unsafe. However, the inspection must resume as soon as conditions are safe.

**Section II. Description of Discharges and Condition of the Discharge Locations (CGP Part 4.3(10))** (see instructions)

Outfall(s)	Observations <i>(Note: discharges may not occur at every outfall on the site after a storm event. Check all that apply.)</i>
1.	Describe the discharge: <input type="radio"/> Stormwater <input type="radio"/> Non-stormwater <input type="radio"/> None Since the last inspection, do you see any evidence of erosion, sediment accumulation and/ or other pollutants that can be attributed to your discharge? <input type="radio"/> Yes <input type="radio"/> No
<i>If yes, describe the characteristics of the discharge (color, odor, clarity, etc.) specify the location(s) of these conditions, and indicate whether modification, maintenance, or corrective action is needed to correct the problem. Also, describe any visible signs of erosion or sediment accumulation.</i>	
2.	Describe the discharge: <input type="radio"/> Stormwater <input type="radio"/> Non-stormwater <input type="radio"/> None Since the last inspection, do you see any evidence of erosion, sediment accumulation and/ or other pollutants that can be attributed to your discharge? <input type="radio"/> Yes <input type="radio"/> No
<i>If yes, describe the characteristics of the discharge (color, odor, clarity, etc.) specify the location(s) of these conditions, and indicate whether modification, maintenance, or corrective action is needed to correct the problem. Also, describe any visible signs of erosion or sediment accumulation.</i>	
3.	Describe the discharge: <input type="radio"/> Stormwater <input type="radio"/> Non-stormwater <input type="radio"/> None Since the last inspection, do you see any evidence of erosion, sediment accumulation and/ or other pollutants that can be attributed to your discharge? <input type="radio"/> Yes <input type="radio"/> No
<i>If yes, describe the characteristics of the discharge (color, odor, clarity, etc.) specify the location(s) of these conditions, and indicate whether modification, maintenance, or corrective action is needed to correct the problem. Also, describe any visible signs of erosion or sediment accumulation.</i>	

**Section III. Condition and Effectiveness of All On-site Control Measures (Erosion and Sediment (E&S)), Stabilization and Pollution Prevention (P2) Practices (CGP Part 3.3 through 3.5)** (see instructions)

Description of Control Measures	Type of Control Measure: ▪ Erosion and Sediment (E&S) ▪ Stabilization ▪ Pollution Prevention (P2)	Additional controls required?	Repairs or other maintenance needed? <sup>1</sup>	Corrective action required? <sup>1, 2</sup> Date of discovery	Specify stabilization method (mulch, rock, planted vegetation, etc.)
1.	<input type="radio"/> E&S <input type="radio"/> Stabilization <input type="radio"/> P2	<input type="radio"/> Yes  <input type="radio"/> No	<input type="radio"/> Yes  <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	

**Notes** (e.g., provide details about needed additional control measures, maintenance performed, etc.)

Description of Control Measures	Type of Control Measure: ▪ Erosion and Sediment (E&S) ▪ Stabilization ▪ Pollution Prevention (P2)	Additional controls required?	Repairs or other maintenance needed? <sup>1</sup>	Corrective action required? <sup>1, 2</sup> Date of discovery	Specify stabilization method (mulch, rock, planted vegetation, etc.)
2.	<input type="radio"/> E&S <input type="radio"/> Stabilization <input type="radio"/> P2	<input type="radio"/> Yes  <input type="radio"/> No	<input type="radio"/> Yes  <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	

**Notes** (e.g., provide details about needed additional control measures, maintenance performed, etc.)

**Note 1:** The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A necessary stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 3.1 and/or Part 3.2; 2) One of the prohibited discharges in Part 1.4 is occurring or has occurred; or 3) ADEQ or USEPA determines that modifications to the control measures are necessary to meet the requirements of Part 3.

**Note 2:** If answering “Yes” (i.e., a site condition that meets one or more of the three criteria in Note 1 above requires a corrective action), you must complete a Corrective Action Report. See Part 5 of the permit for more information.



## Section VI. Certification and Signature (CGP Appendix B. 9.)

### Section IV.A. – Certification and Signature by Contractor or Subcontractor performing the inspections (if applicable)

Check one of the following:

- No instances of non-compliance were discovered during this inspection and the project was in full compliance with the SWPPP and permit.
- Inspection follow-up is required, in accordance with Parts 4.5(1) and 4.5(2) of the permit.

*“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.”*

Signature of Contractor or Subcontractor: \_\_\_\_\_ Title: \_\_\_\_\_

Printed name : \_\_\_\_\_ Date: \_\_\_\_\_

Business / Agency: \_\_\_\_\_ Phone number: \_\_\_\_\_

### Section IV.B. – Certification and Signature by Permittee (permittee / operator or a duly authorized representative is required to sign)

Check one of the following:

- No instances of non-compliance were discovered during this inspection and the project was in full compliance with the SWPPP and permit.
- Inspection follow-up is required, in accordance with Parts 4.5(1) and 4.5(2) of the permit.

*“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.”*

Signature of Permittee or  
“Duly Authorized Representative”: \_\_\_\_\_ Title: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

Business / Agency: \_\_\_\_\_ Phone number: \_\_\_\_\_



## Stormwater Management Program – Post Construction Inspection Form

Section A General Information			
Development/Business Name:			
Type of Development Business:	<input type="checkbox"/> HOA <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Other _____		
Development Plan. No.			
Responsible Party/Property Manager:	Name:		
	Phone:		
	Email:		
Type of Inspection: <i>(If compliant, fill out Section C)</i>	<input type="checkbox"/> Routine <input type="checkbox"/> Complaint <input type="checkbox"/> Field Observation <input type="checkbox"/> Post-Storm Event <input type="checkbox"/> Reinspection Date/Time _____ <input type="checkbox"/> Other		
Date of Inspection:		Start/End Time	
Inspector Information:	Name:		
	Phone:		
	Email:		
	Department		

Section B Inspection Information				
<p><i>Number the Post-Construction Control Measures identified in the Development/Grading Plan (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.</i></p> <ul style="list-style-type: none"> <li><i>Identify if maintenance or corrective action is needed.</i></li> <li><i>If maintenance is needed, fill out section B of this template</i></li> <li><i>If corrective action is needed, fill out section G of this template</i></li> </ul>				
	Inspected Structural Control Measure/Location	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes <span style="color: red;">{Describe}</span>
1	Drainage Ditches	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
2	Retention Basins	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
3	Scuppers/Inlets	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	



**Section B Inspection Information**

Number the Post-Construction Control Measures identified in the Development/Grading Plan (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.

- Identify if maintenance or corrective action is needed.
- If maintenance is needed, fill out section B of this template
- If corrective action is needed, fill out section G of this template

	<b>Inspected Structural Control Measure/Location</b>	<b>Control Measure is Operating Effectively?</b>	<b>If No, In Need of Maintenance, Repair, or Replacement?</b>	<b>Maintenance or Corrective Action Needed and Notes {Describe}</b>
4	Storm Drain	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
5	Drywell	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
6		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
7		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
8		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
9		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
10		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
11		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
12		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
13		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
14		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair	



**Section B Inspection Information**

*Number the Post-Construction Control Measures identified in the Development/Grading Plan (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.*

- *Identify if maintenance or corrective action is needed.*
- *If maintenance is needed, fill out section B of this template*
- *If corrective action is needed, fill out section G of this template*

	<b>Inspected Structural Control Measure/Location</b>	<b>Control Measure is Operating Effectively?</b>	<b>If No, In Need of Maintenance, Repair, or Replacement?</b>	<b>Maintenance or Corrective Action Needed and Notes {Describe}</b>
			<input type="checkbox"/> Replacement	
15		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
16		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input checked="" type="checkbox"/> Repair <input type="checkbox"/> Replacement	

**Section C - Summary of Complaint**

Describe the complaint that facilitated the inspection.

**Section D - Summary of Reinspection Findings**



Summarize the inspection observations that would require corrective actions. If taken, attach photos to the end to this document.



<b>Section E – Summary of Corrective Actions</b>
Describe any additional measures needed to comply with the permit requirements.

<b>Section F - Notes</b>
Use this space for any additional notes or observations from the inspection:

<b>Section G - Signatures</b>			
Inspector:	Signature:	Date:	
	Title:	Dept:	
On-Site Rep:	Signature:	Date:	
	Title:	Company	



## Stormwater Management Program – Visual Monitoring Report Form

SECTION A GENERAL INFORMATION	
Inspection Date:	Time:
Outfall Location:	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Outfall 2033</b> - Queen Creek at Ranch House Rd. (Long: 111.6947, Lat: 33.2633)</li> <li><input type="checkbox"/> <b>Outfall 559</b> - Queen Creek at Recker Rd. (Long: 111.7032, Lat: 33.2634)</li> <li><input type="checkbox"/> <b>Outfall 107355</b> - Sonoqui Wash at Higley Rd. (Long: 111.7203, Lat: 33.2491)</li> <li><input type="checkbox"/> <b>Outfall 107333</b> - Queen Creek Rd. at Eastern Maricopa Floodway (Long: 111.7254, Lat: 33.2630)</li> <li><input type="checkbox"/> <b>Outfall 107740</b> - Sonoqui Wash west of Soboba Rd. (Long: 111.7117, Lat: 33.2486)</li> <li><input type="checkbox"/> <b>Outfall 107744</b> - Sonoqui Wash at Soboba Rd. (Long: 111.7073, Lat: 33.2485)</li> <li><input type="checkbox"/> <b>Outfall 111035</b> - Queen Creek east of Ranch House Rd. (Long: 111.6917, Lat: 33.2649)</li> <li><input type="checkbox"/> <b>Outfall 111976</b> - Western Canal at Lindsay Rd. (Long: 111.7737, Lat: 33.3572)</li> <li><input type="checkbox"/> <b>Outfall 112226</b> - Riggs Road and Eastern Maricopa Floodway (Long: 111.7382, Lat: 33.2191)</li> <li><input type="checkbox"/> <b>Outfall 113137</b> - Sonoqui Wash at Recker Rd (Long: 111.7033, Lat: 33.2488)</li> <li><input type="checkbox"/> <b>Outfall 101409</b> - Western Canal north of Cottonwood Dr/Hearn Wy. (Long: 111.7855, Lat: 33.3572)</li> <li><input type="checkbox"/> <b>Outfall 111973</b> - Western Canal at Gilbert Ln. (Long: 111.7890, Lat: 33.3571)</li> <li><input type="checkbox"/> <b>Outfall 115112</b> - Western Canal west of Neely St. (Long: 111.7968, Lat: 33.3571)</li> </ul>
Staff Present at Time of Monitoring:	Name:
	Phone:
	Email:
	Department:
Type of Monitoring:	<input type="checkbox"/> Dry Weather <input type="checkbox"/> Wet Weather <input type="checkbox"/> Characterization



Was Flow Observed:	<input type="checkbox"/> Yes <input type="checkbox"/> No <i>Notify the Stormwater Programs Coordinator immediately if any visual observations may be an active upstream discharge that could not be identified or determined at the time of the inspection.</i>
Structure Type:	<input type="checkbox"/> Channel <input type="checkbox"/> Manhole <input type="checkbox"/> Catch Basin <input type="checkbox"/> Other _____
Dominant Watershed Land:	<input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Other _____

**SECTION B WEATHER CONDITIONS**

Rainfall Intensity:	<input type="checkbox"/> No Rain <input type="checkbox"/> Heavy <input type="checkbox"/> Moderate <input type="checkbox"/> Light
Rain Gage Data:	Total Inches: _____ Storm Duration: _____ Peak Intensity: _____
Flow Intensity: <i>(If no flow meter present.)</i>	<input type="checkbox"/> Substantial <input type="checkbox"/> Moderate <input type="checkbox"/> Light <i>(above curb)                      (below curb)                      (gutter only)</i>
Flow Rate: <i>(Flow Meter Reading):</i>	_____ <input type="checkbox"/> gpm <input type="checkbox"/> cfs

**SECTION C VISUAL OBSERVATIONS (DISCHARGE SAMPLE)**

Odor:	<input type="checkbox"/> None <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Rotten Eggs <input type="checkbox"/> Sour Milk <input type="checkbox"/> Other _____
Color:	<input type="checkbox"/> None <input type="checkbox"/> Red <input type="checkbox"/> Yellow <input type="checkbox"/> Brown <input type="checkbox"/> Green <input type="checkbox"/> Grey <input type="checkbox"/> White <input type="checkbox"/> Other
Clarity:	<input type="checkbox"/> Clean <input type="checkbox"/> Cloudy <input type="checkbox"/> Opaque
Solids:	<input type="checkbox"/> None <input type="checkbox"/> Floating <input type="checkbox"/> Suspended <input type="checkbox"/> Settled
Floatables:	<input type="checkbox"/> None <input type="checkbox"/> Trash/Litter <input type="checkbox"/> Sewage (Toilet Paper) <input type="checkbox"/> Petroleum <input type="checkbox"/> Soap/Suds/Foam <input type="checkbox"/> Oily Sheen <input type="checkbox"/> Other _____



<b>SECTION D VISUAL OBSERVATIONS (OTHER)</b>	
Deposits/Staining:	<input type="checkbox"/> None <input type="checkbox"/> Sediment <input type="checkbox"/> Oily <input type="checkbox"/> Rusty <input type="checkbox"/> Other _____
Vegetation Growth:	<input type="checkbox"/> None <input type="checkbox"/> Normal <input type="checkbox"/> Excessive <input type="checkbox"/> Inhibitive <input type="checkbox"/> Other _____
Structural Conditions:	<input type="checkbox"/> Normal <input type="checkbox"/> Cracking <input type="checkbox"/> Corrosion <input type="checkbox"/> Repairs Needed
Biological:	<input type="checkbox"/> None <input type="checkbox"/> Mosquito Larvae/Pupa <input type="checkbox"/> Algae <input type="checkbox"/> Other _____

<b>SECTION E – WORK ORDER NOTES</b>	
Work Order created for maintenance or repairs?	<input type="checkbox"/> Yes <input type="checkbox"/> No                      Work Order # _____
Description	

<b>SECTION F - SIGNATURES</b>			
Inspector:	Signature:	Date:	
	Title:	Dept:	



## Stormwater Management Program – Employee Training Form

### Training Information

Training Date: \_\_\_\_\_ Instructor: \_\_\_\_\_

Title of Training: \_\_\_\_\_

Location of Training: \_\_\_\_\_

Description of Training: \_\_\_\_\_

### Attendees

	Department	Trainee Name (Printed):	Employee Signature:	Email
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				

Instructor: \_\_\_\_\_ Signature: \_\_\_\_\_

Note: Training records need to be retained as part of the SWMP.



## Stormwater Management Program – Summary of Chemical Tracking

Chemical/ Pollutant <sup>1</sup>	Amount Stored	Packaging/ Stored Location <sup>2</sup>	Storage Date <sup>3</sup>	Removal Date <sup>4</sup>	Reportable Quantity	Verified by (Print Name/Signature/Date) <sup>5</sup>
						_____ Printed Name: _____ Date:
						_____ Printed Name: _____ Date:
						_____ Printed Name: _____ Date:
						_____ Printed Name: _____ Date:
						_____ Printed Name: _____ Date:
						_____ Printed Name: _____ Date:

1. Insert names of chemicals or pollutants that are located on site. (Hydraulic Fluid)
2. Indicate where it is stored (e.g. Drum/Outside Shed #2)
3. Provide a date when the material was brought onto the site.
4. If no longer on site, provide a date when the material was permanently removed.
5. Printed name of the person maintaining the list and date it was updated.
6. Use as many forms as necessary





## Stormwater Management Program – Municipal Operations Inspections Forms

Facility Name:	Risk Rating: <input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low
Address:	Inspection Schedule: <input type="checkbox"/> 1/yr <input type="checkbox"/> 2/yr <input type="checkbox"/> 4/yr
City: _____ State: _____ Zip Code: _____	
Inspector:	Phone Number:
Date of Inspection:	Time of Inspection: _____ AM/PM

### SECTION A SEDIMENT CONTROL MEASURES

Structural Control Measure (e.g. Basins, 3-sided Bins, Tarps)	Control Measure Operating Effectively?	If No, is it in need of Repair or Replacement?	Corrective Action Needed and Notes (Describe the Action Identify needed maintenance and repairs of any failed control measures that need replacement)
	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

### Observations

Describe the facility's overall condition where controlling scour, erosion and potential sediment discharge are concerned. Is the site well-kept or in need of a being cleaned up?



**SECTION B Storage Areas**

Name/Description of Storage Area	Location of Storage Area	Are any containers leaking or in need of replacement?	Is there any spilled material in the storage area?	Recommended Corrective Actions (Identify any recommendations for the storage site including replacement of containers or changes to reduce spills.)
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	

**Observations**

Describe the facility's overall condition where trash and debris are concerned. Is the site well-kept or in need of a being cleaned up?



**SECTION C WASTE MANAGEMENT**

Name/Description of Waste Container	Location of container?	Is it container need replacing?	Is there any trash around the container?	Recommended Corrective Actions (Identify any recommendations for the storage site including replacement of containers adding new containers or moving containers to better serve the facility.)
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	

**Observations**

Describe the facility's overall condition where trash and debris are concerned. Is the site well-kept or in need of a being cleaned up?



**SECTION D SPILL KIT MANAGEMENT**

Name/Description of Spill Kit	Location of Spill Kit?	Does the kit need replacing?	Is there any spilt absorbent around the kit?	Recommended Corrective Actions (Identify any recommendations for the improving the effectiveness and ease of access for the kit to better serve the facility.)
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	

**Observations**

Describe the facility's overall condition where trash and debris are concerned. Is the site well-kept or in need of a being cleaned up?



**SECTION E Pollution and Spill Prevention Management**

Name/Description of Control Measure	Location of Control Measure	Does the control measure need replacing?	Are there any spilt pollutants around the control measure?	Recommended Corrective Actions (Identify any recommendations for the site to improve prevent spills or pollutant releases to better serve the facility.)
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	

**SECTION F Observations**

Describe the facility's overall condition where pollution and spill prevention are concerned.



**SECTION G OTHER RECOMMENDATIONS**

Describe any recommendations you feel are necessary to improve the Good Housekeeping Plan for the Facility:

**Section H Verification**

Inspector:	Signature:	Date:	
	Title:	Dept:	



# Stormwater Pollution Prevention Plan

**This is a working document intended to assist in monitoring and planning for private storm system maintenance. Review and update this document frequently to keep the information up-to-date.**

**Environmental.Compliance@GilbertAZ.gov 480-503-6243**

## Property Management Contact

Company:  
Name:  
Number:  
Email:  
Address:

## Additional Site Contacts

Stormwater Maintenance:  
Landscaping:

## Areas of Concern and Additional Notes

(i.e. Drywells should be inspected annually and cleaned as recommended).

# Maintenance Plan

<b>Weekly Pre/Post Storm</b>	<ul style="list-style-type: none"> <li>• Illicit discharges from residents (leaking vehicles, pool draining, unidentifiable)</li> <li>• Standing Water</li> <li>• Debris at storm drain inlets</li> <li>• Post storm: clogged outlets</li> </ul>		
<b>Annual</b>	<b>Project</b>	<b>Vendor</b>	<b>Price Est.</b>
	Drywell Inspection		0.00
<b>Total</b>			0
<b>Long Term Maintenance and Upgrades</b>	<b>Project</b>	<b>Vendor</b>	<b>Price Est.</b>
<b>Total</b>			0

## APPENDIX M SITE SPECIFIC SWPPP

### QUICK LINKS

[Appendix A: MS4 Infrastructure Maps](#)

[Appendix B: MCM 1 Public Education and Outreach BMPs](#)

[Appendix C: MCM 2 Public Participation and Involvement BMP Details](#)

[Appendix D: MCM 3 Illicit Discharge Detection and Elimination Program BMP Details](#)

[Appendix E: MCM 4 Construction Activity Stormwater Runoff Control BMP Details](#)

[Appendix F: MCM 5 Post-Construction Stormwater Management in New Development and Redevelopment BMP Details](#)

[Appendix G: MCM 6 Pollution Prevention/Good Housekeeping for Municipal Operations BMP Details](#)

[Appendix H: Sampling and Analysis Plan](#)

[Appendix I: Notice of Intent](#)

[Appendix J: Annual Report](#)

[Appendix K: Annual Review and Revision Log](#)

[Appendix L: Forms](#)

[Appendix M: Site Specific SWPPP](#)





# Site Specific Stormwater Pollution Prevention Plans for Town of Gilbert Facilities

The following documents will overview the procedures and practices implemented to minimize potential negative impacts of Town operations on the storm drain system.

Green	Green heading indicates there is little to no potential for stormwater pollution at this facility due to limited infrastructure or limited use of hazardous material.
Yellow	Yellow heading indicates a moderate potential for stormwater pollution due to a combination of materials used or stored on site, and stormwater infrastructure.
Red	Red heading indicates a high potential for stormwater pollution due to operations performed and stormwater infrastructure present.

This is a working document. Information may be modified and improved at any time to reflect current conditions, changes to regulations, or staffing .

Contact Environmental Compliance with suggestions, questions, or concerns.

**Environmental.Compliance@gilbertaz.gov of 480-503-6243**

# SWPPP: South Area Service Center

<b>Location</b>	4760 S Greenfield Rd, Gilbert AZ, 85297
<b>Site Contacts</b>	<p>Solid Waste: Manager - Paul Montes  Streets: Supervisor - Conrad Ramon, Superintendent - Kory Parker, Manager - Curtis Yardley  Parks: Supervisor - Doug Hurley  Water: Utility Supervisor - Manuel Sanchez  Waste Water: Manager - interim Ken Snow  PD: Matthew Delleart</p> <p style="text-align: center;"><b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b>  Contact in the case of a spill or for guidance</p>
<b>Contaminants of Concern</b>	<ul style="list-style-type: none"> <li>• Automotive Fluids</li> <li>• Fuel</li> <li>• Sediment</li> <li>• Pathogens</li> <li>• Bulk Hazardous Materials <ul style="list-style-type: none"> <li>– Phosphorodithioic Acid</li> <li>– 5W30 Motor Oil</li> <li>– Dex 6 Automatic Transmission Fluid</li> <li>– Iso68 Hydraulic Fluid</li> <li>– Elite Grease</li> <li>– Heptane</li> <li>– Mobil 1 V-twin 20W-50</li> <li>– Synthetic ATF</li> <li>– White Mineral Oil Petroleum</li> <li>– Diesel Fuel</li> <li>– Natural Gasoline</li> <li>– 5W-20 Synthetic Motor Oil</li> <li>– 15W-40</li> <li>– Hydraulic AW 68</li> </ul> </li> </ul> <p style="text-align: center;"><b>Identify location of SDS book and update with any new materials</b></p>
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Fleet Services and Storage</li> <li>• Solid Waste Vehicle Parking</li> <li>• Fueling Stations</li> <li>• Wash Rack</li> <li>• Household Hazardous Waste Outdoor Storage</li> <li>• Parks Outdoor Storage</li> <li>• Generator</li> </ul>

<p><b>Spill Containment Plan</b></p>	<p><b>Fleet Services and Storage</b></p> <ul style="list-style-type: none"> <li>• All fluids kept in or on secondary containment and under cover from rain</li> <li>• Weekly - Check spill containment shed, west end of down line <ul style="list-style-type: none"> <li>• keep stocked with materials and labeled for use by all employees.</li> </ul> </li> <li>• Monthly - Down line and storage areas swept (Street Sweeper)</li> <li>• Annually - storm drain filters replaced</li> </ul> <p><b>Solid Waste</b></p> <ul style="list-style-type: none"> <li>• Daily - check for leaks, clean before leaving for the day</li> <li>• Monthly - absorbent spread and swept where necessary</li> </ul> <p><b>Fueling Stations</b></p> <ul style="list-style-type: none"> <li>• Absorbent material kept stocked with brooms and dust pans/shovels for clean up</li> <li>• Sign for clean up procedure posted with on call phone # listed</li> <li>• Following Rain Events - Check secondary containment for contamination have pumped or open drain depending on condition</li> </ul> <p><b>Wash Rack</b></p> <ul style="list-style-type: none"> <li>• Weekly - checks for interceptor cleaning (WW Collections)</li> <li>• Quarterly - cleanings (rotating divisions assigned)</li> </ul> <p><b>Household Hazardous Waste</b></p> <ul style="list-style-type: none"> <li>• Following Rain Events - Check dock drain for contaminants, have pumped or open drain depending on condition</li> <li>• Maintain secondary containment pallets for all materials stored outdoors</li> </ul> <p><b>Spoils Piles</b></p> <ul style="list-style-type: none"> <li>• Maintain soil crust, water and sweep after each use</li> </ul>
<p><b>Air Quality</b></p>	<p><b>Spoils Piles</b></p> <ul style="list-style-type: none"> <li>• Maintain soil crust on <b>ALL SPOILS PILES</b> throughout facility</li> </ul> <p><b>Dust Logs</b></p> <ul style="list-style-type: none"> <li>• Maintain a dust log during any dirt moving activities being performed on sites more that .1 acre by Town Personnel</li> <li>• Ensure all Contractors are maintaining their own dust control permit</li> </ul>
<p><b>Infrastructure Plan</b></p>	<ul style="list-style-type: none"> <li>• Annually - Replace storm drain inlet filters</li> <li>• Annually - Inspect Drywells</li> <li>• Biannually - Clean Fuel Station Biofilter</li> </ul>

# SWPPP Map: SASC



This map demonstrates which areas are under the management of which department in shared areas, and the stormwater infrastructure that is potentially impacted. Utilize the contacts for each department on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.

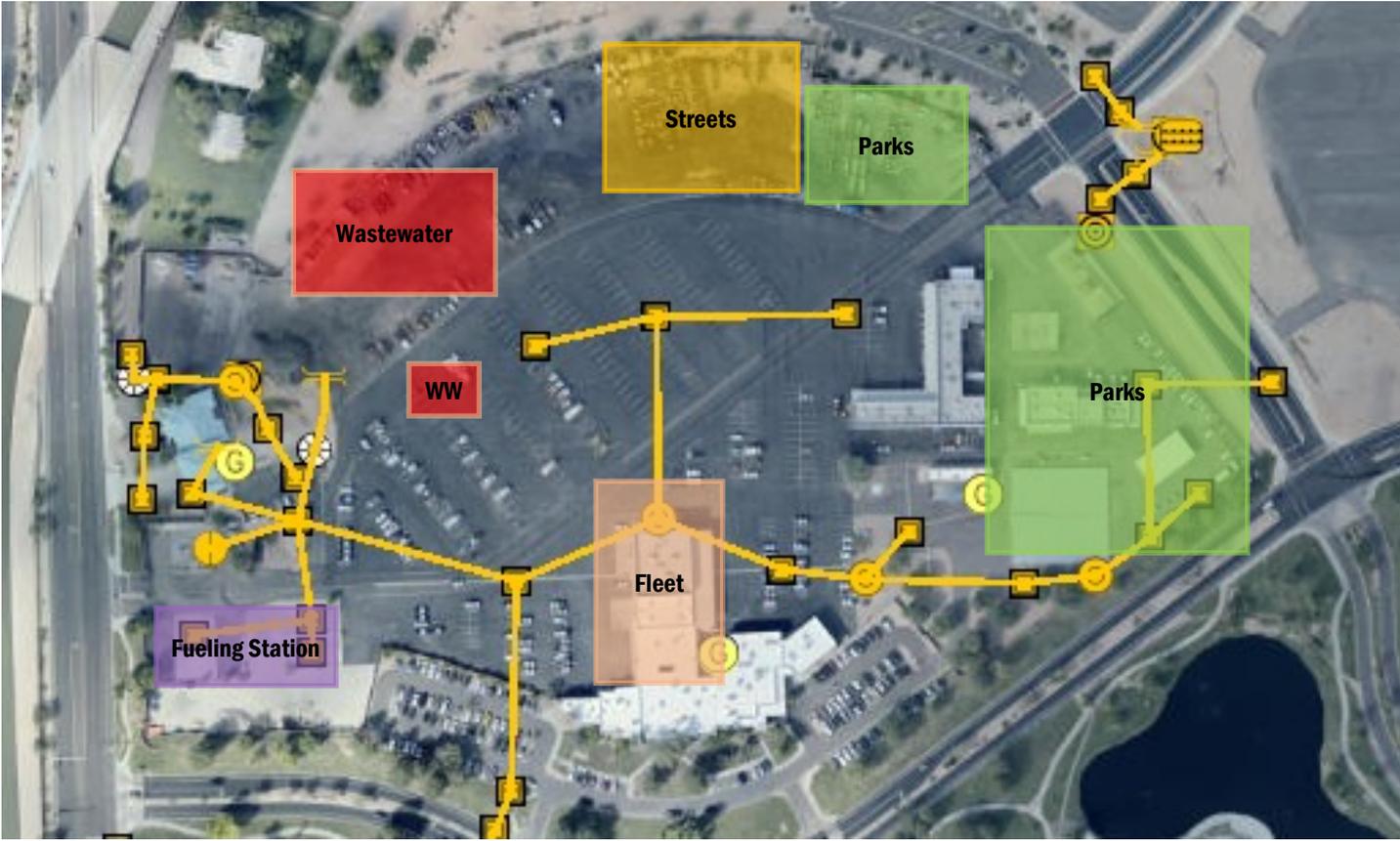
 Hazardous Material Outdoor Storage	 Entry or exit point to hazardous work area	 Garbage Storage Area
<p>Site Acreage: ~35 acres</p>		

# SWPPP: North Area Service Center

<b>Location</b>	900 E. Juniper Ave, 84234
<b>Site Contacts</b>	Streets: Superintendent - Kory Parker, Manager - Curtis Yardley Parks: Supervisor - Doug Hurley Waste Water: Manager - Interim Ken Snow Water: Utility Supervisor - Steve Notch WS #12: Well Technician Lead - Steven Murrow  <b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	<ul style="list-style-type: none"><li>• Automotive Fluids</li><li>• Fuel</li><li>• Sediment</li><li>• Pathogens</li><li>• Bulk Hazardous Materials<ul style="list-style-type: none"><li>– Zep Brake Wash</li><li>– Hydrotreated Heavy paraffinic petroleum distillates</li><li>– Hydrotreated Light paraffinic petroleum distillates</li><li>– Hydrotreated Middle paraffinic petroleum distillates</li><li>– Ethylene Glycol</li><li>– Used Motor Oil</li><li>– Natural Gasoline</li><li>– Diesel Fuel #2</li><li>– Sodium Tripolyphosphate</li></ul></li></ul> <b>Identify location of SDS book and update with any new materials</b>
<b>Areas of Concern</b>	<ul style="list-style-type: none"><li>• Fleet Services and Storage</li><li>• Generator</li><li>• Fueling Stations</li><li>• Wash Rack</li><li>• Parks Outdoor Storage</li><li>• Well Site 12</li></ul>

<p><b>Spill Containment Plan</b></p>	<p><b>Fleet Services</b></p> <ul style="list-style-type: none"> <li>• All fluids kept in or on secondary containment and under cover from rain</li> <li>• Daily - check for spills and general tidying necessities</li> <li>• Weekly - Perform fuel station monitoring and maintain log</li> <li>• Monthly - Down line and storage areas swept (Street Sweeper)</li> </ul> <p><b>Fueling Stations</b></p> <ul style="list-style-type: none"> <li>• Absorbent material kept stocked with brooms and dust pans/shovels for clean up (call 602-620-1010 with any issues)</li> <li>• Sign for clean up procedure posted with on call phone # listed</li> <li>• Following Rain Events - Check secondary containment AST for contamination have pumped or open drain depending on condition</li> </ul> <p><b>Parks Outdoor Storage</b></p> <ul style="list-style-type: none"> <li>• Store all liquids and hazardous materials under cover or in secondary containment</li> <li>• Label all hazardous materials (pesticides, fertilizers, paint, etc.)</li> <li>• Monitor compactor for hydraulic leaks</li> </ul> <p><b>Wastewater Outdoor Storage</b></p> <ul style="list-style-type: none"> <li>• Establish BMP's for chemical storage, implement secondary containment and provide cover for materials</li> <li>• Maintain soil crust on spoils piles</li> <li>•</li> </ul> <p><b>Streets</b></p> <ul style="list-style-type: none"> <li>• Sweep up spoils after each use</li> </ul> <p><b>Wash Rack</b></p> <ul style="list-style-type: none"> <li>• Weekly - checks for interceptor cleaning (WW Collections)</li> <li>• Quarterly - cleanings (rotating divisions assigned)</li> </ul>
<p><b>Air Quality</b></p>	<p><b>Spoils Piles</b></p> <ul style="list-style-type: none"> <li>• Maintain soil crust on <b>ALL SPOILS PILES</b> throughout facility</li> </ul> <p><b>Dust Logs</b></p> <ul style="list-style-type: none"> <li>• Maintain a dust log during any dirt moving activities being performed on sites more that .1 acre by Town Personnel</li> <li>• Ensure all Contractors are maintaining their own dust control permit</li> </ul>
<p><b>Infrastructure Plan</b></p>	<ul style="list-style-type: none"> <li>• Pre and Post Storm Events - Monitor fuel station storm drain blocking devices and pull plug to drain</li> <li>• Annually - Inspect Drywells</li> </ul>

# SWPPP Map: NASC



This map demonstrates the stormwater infrastructure that is potentially impacted. Utilize the contacts on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.

 Hazardous Material Outdoor Storage	 Entry or exit point to hazardous work area	 Garbage Storage Area
Site Acreage: ~34		

# SWPPP: San Tan Vista Water Treatment Plant

<b>Location</b>	3695 E Ocotillo Rd, Gilbert, AZ 85298
<b>Site Contacts</b>	<p>Water Operations Supervisor – Robert Andrews Water Production Superintendent - Kurtis McDavid Water Manager - Andrew Jackson</p> <p style="text-align: center;"><b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance</p>
<b>Contaminants of Concern</b>	<ul style="list-style-type: none"><li>• Sediment</li><li>• Pathogens</li><li>• Bulk Hazardous Materials<ul style="list-style-type: none"><li>• Fluosilicic Acid</li><li>• Aluminum Sulfate</li><li>• Sodium Hydroxide</li><li>• Oxygen</li><li>• Sodium Hypochlorite Solution</li><li>• Sodium Brine Solution</li><li>• Carbon Dioxide</li><li>• Diesel Fuel #2</li><li>• Clarifloc A-3310 Polymer</li><li>• Clarifloc C-6220 Polymer</li></ul></li></ul>
<b>Areas of Concern</b>	<ul style="list-style-type: none"><li>• Outdoor storage areas</li><li>• Operations areas</li><li>• Garbage storage areas</li></ul>

<p><b>Spill Containment Plan</b></p>	<p><b>Spill Kit</b></p> <ul style="list-style-type: none"> <li>• Maintain a labeled spill kit in each operations area</li> <li>• Sign for clean up procedure posted with on call phone # listed</li> </ul> <p><b>Outdoor Storage</b></p> <ul style="list-style-type: none"> <li>• Store all liquids and hazardous materials in secondary containment and preferably in secondary containment</li> <li>• Following Rain Events - Check secondary containment</li> <li>• Label all hazardous materials (pesticides, fertilizers, paint, etc.)</li> <li>• Identify location of SDS book and update with any new materials</li> </ul> <p><b>Spoils Piles</b></p> <ul style="list-style-type: none"> <li>• Maintain soil crust, water and sweep as necessary</li> </ul>
<p><b>Air Quality</b></p>	<ul style="list-style-type: none"> <li>• Maintain soil crust on any spoils piles, water and sweep as necessary</li> <li>• Maintain dust log during any earth moving activities great than 0.1 acre performed by Town employees</li> <li>• Maintain dust minimizing measures through, including gravel condition</li> </ul>
<p><b>Infrastructure Plan</b></p>	<ul style="list-style-type: none"> <li>• Annually - Inspect Drywells</li> <li>• Annually - perform retention basin maintenance</li> </ul>

# SWPPP Map: STVWTP



This map demonstrates the stormwater infrastructure that is potentially impacted. Utilize the contacts on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.

 Hazardous Material Outdoor Storage	 Entry or exit point to hazardous work area	 Garbage Storage Area
Site Acreage: ~33.5		

# SWPPP: North Water Treatment Plant

<b>Location</b>	2865 E. Guadalupe Rd, 85234
<b>Site Contacts</b>	Water Operations Supervisor - Robert Braymiller Maintenance Operations Supervisor—Connor Essary Water Production Superintendent—Kurtis McDavid Water Manager - Andrew Jackson  <b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Automotive Fluids, Fuel, Sediment, Pathogens <b>Hazardous Materials</b> <ul style="list-style-type: none"><li>• Fluosilicic Acid</li><li>• Aluminum Sulfate</li><li>• Sodium Hydroxide</li><li>• Oxygen</li><li>• Sodium Hypochlorite</li><li>• 2-Propenoic Acid</li><li>• Calcium Hypochlorite</li><li>• Diesel Fuel #2</li><li>• Clarifloc</li><li>• Sulfuric Acid</li></ul> Identify location of SDS book and update with any new materials
<b>Areas of Concern</b>	<ul style="list-style-type: none"><li>• Process Areas</li><li>• Outdoor Storage Areas</li></ul>

<p><b>Spill Containment Plan</b></p>	<p><b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b>  Contact in the case of a spill or for guidance</p> <p><b>Spill Kits and Secondary Containment</b></p> <ul style="list-style-type: none"> <li>• Absorbent material kept stocked with brooms and dust pans/shovels for clean up in all areas where hazardous materials are in use</li> <li>• Following Rain Events - Check secondary containment for contamination have pumped or open drain depending on condition</li> </ul> <p><b>Outdoor Storage</b></p> <ul style="list-style-type: none"> <li>• Store all liquids and hazardous materials under cover or in secondary containment</li> <li>• Label all hazardous materials (pesticides, fertilizers, paint, etc.)</li> <li>• Weekly - monitor hazardous materials and empty containers stored outside</li> </ul> <p><b>Wash Rack</b></p> <ul style="list-style-type: none"> <li>• Weekly - checks for interceptor cleaning (WW Collections)</li> <li>• Quarterly - cleanings (rotating divisions assigned)</li> </ul> <p><b>Spoils Piles</b></p> <ul style="list-style-type: none"> <li>• Maintain soil crust, water and sweep as necessary</li> </ul>
<p><b>Air Quality</b></p>	<ul style="list-style-type: none"> <li>• Maintain soil crust on any spoils piles, water and sweep as necessary</li> <li>• Maintain dust log during any earth moving activities</li> <li>• Maintain dust minimizing measures through, including gravel condition</li> </ul>
<p><b>Infrastructure Plan</b></p>	<ul style="list-style-type: none"> <li>• Annually - Replace storm drain inlet filters</li> <li>• Annually - Inspect Drywells</li> </ul>

# SWPPP Map: NWTP



This map demonstrates the stormwater infrastructure that is potentially impacted. Utilize the contacts on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.



Hazardous Material  
Outdoor Storage



Entry or exit point to  
hazardous work area



Garbage Storage Area

Site Acreage: 42

# SWPPP: Neely Wastewater Treatment Facility

<b>Location</b>	402 N Neely St, 85233
<b>Site Contacts</b>	<p>Project Manager - Charles Hernandez (Inframark) charles.hernandez@infrmark.com (O) 480-926-3761   (M) 480-244-9419 Waste Water: Manager</p> <p><b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance</p>
<b>Contaminants of Concern</b>	<ul style="list-style-type: none"><li>• Automotive Fluids</li><li>• Fuel</li><li>• Sediment</li><li>• Pathogens</li><li>• Biosolids</li><li>• Hazardous Materials</li></ul> <p>Identify location of SDS book and update with any new materials</p>
<b>Areas of Concern</b>	<ul style="list-style-type: none"><li>• Outdoor Process Areas</li><li>• Indoor Process Areas</li><li>• Outdoor Storage</li><li>• Headworks and Screenings Roll Off</li></ul>

<b>Spill Containment Plan</b>	<p><b>Outdoor Storage</b></p> <ul style="list-style-type: none"><li>• Store all liquids and hazardous materials under cover and in secondary containment</li><li>• Label all hazardous materials</li><li>• Identify location of SDS book and update with any new materials</li><li>• Monitor compactor for hydraulic leaks</li></ul> <p><b>Secondary Containment</b></p> <ul style="list-style-type: none"><li>• Weekly monitor of secondary in all process areas- fix any leaks, pump any liquid</li></ul> <p><b>Screenings and Headworks</b></p> <ul style="list-style-type: none"><li>• Daily - check for spills, leaks, fill level</li></ul>
<b>Air Quality</b>	<ul style="list-style-type: none"><li>• Maintain soil crust on any spoils piles, water and sweep as necessary</li><li>• Maintain dust log during any earth moving activities</li><li>• Maintain dust minimizing measures through, including gravel condition</li></ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"><li>• Annually - Review O&amp;M Plan for MCAQD</li><li>• Annually - Repair any erosion or sediment depositions</li><li>• Annually - Inspect Drywells</li></ul>

# SWPPP Map: Neely WWTP



This map demonstrates the stormwater infrastructure that is potentially impacted. Utilize the contacts on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.

 Hazardous Material Outdoor Storage	 Entry or exit point to hazardous work area	 Garbage Storage Area
Site Acreage: ~45		

# SWPPP: Well Site #4

<b>Location</b>	2639 E. Elliot Rd Gilbert, AZ
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>Drywell</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>Maintain Gravel/Tailings on property</li> <li>Maintain soil crust on any spoils piles</li> <li>Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>Quarterly Pollution Prevention Inspections</li> <li>Annually - Inspect Drywell</li> <li>Correct erosion as needed</li> </ul>

## SWPPP Map: Well Site 4



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	1

# SWPPP: Booster Site #5

<b>Location</b>	1060 N Nevada St
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite, Diesel Fuel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywell</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Booster Site 5

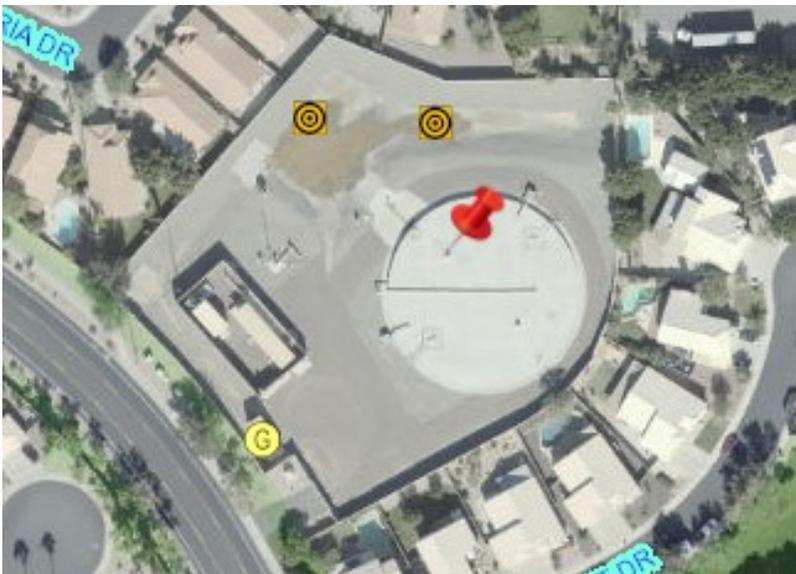


Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	2.5

# SWPPP: Booster Site #7

<b>Location</b>	925 S ISLANDS DR E GILBERT 85233
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite, Diesel Fuel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity over 01 acre</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywell</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Booster Site 7



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	2

# SWPPP: Booster Site #19

<b>Location</b>	3270 S. Recker Rd
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment, Mineral Oil Hazardous Materials: Calcium Hypochlorite, Diesel Fuel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> <li>• Create secondary containment for mineral oil</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywell</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Booster Site 19

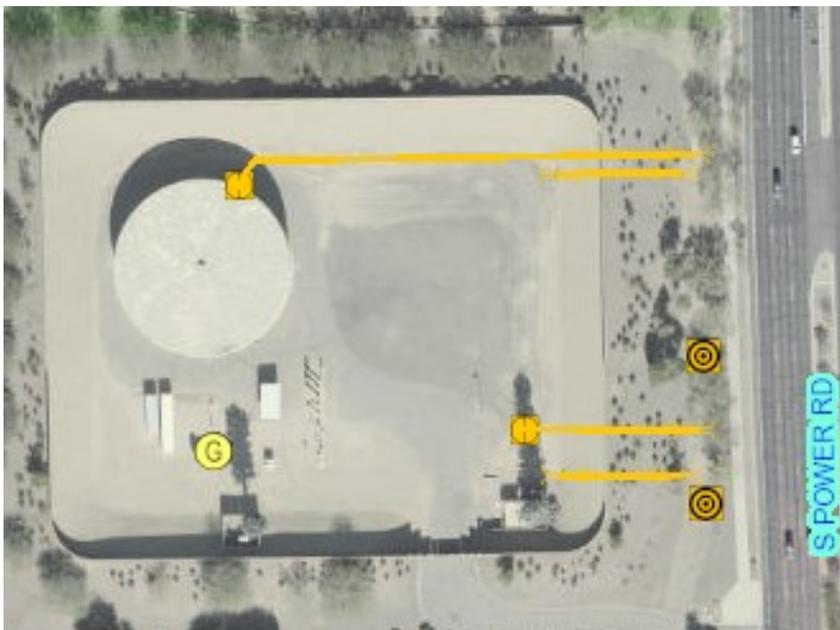


Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	1.6

# SWPPP: Well Site #20

<b>Location</b>	8330 S Power Rd
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite, Diesel Fuel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Well Site 20



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	5.25

# SWPPP: Well Site #21

<b>Location</b>	4340 E Riggs Rd
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite, Diesel Fuel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Well Site 21



Hazardous Material Outdoor Storage	
Entry or exit point to hazardous work area	
Garbage Storage Area	
Site Acreage	5.25

# SWPPP: Well Site #22

<b>Location</b>	
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Well Site 22

Hazardous Material Outdoor Storage	
Entry or exit point to hazardous work area	
Garbage Storage Area	
Site Acreage	

# SWPPP: Well Site #23

<b>Location</b>	
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

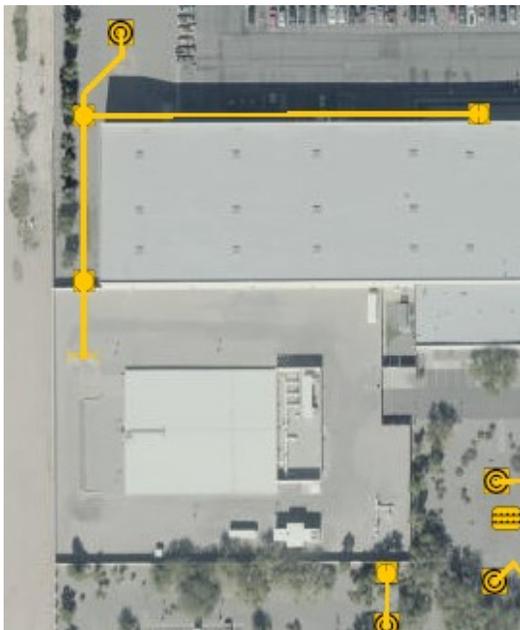
## SWPPP Map: Well Site 23

Hazardous Material Outdoor Storage	
Entry or exit point to hazardous work area	
Garbage Storage Area	
Site Acreage	

# SWPPP: Well Site #24

<b>Location</b>	2760 E Williams Field Rd
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite, Diesel Fuel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Well Site 24

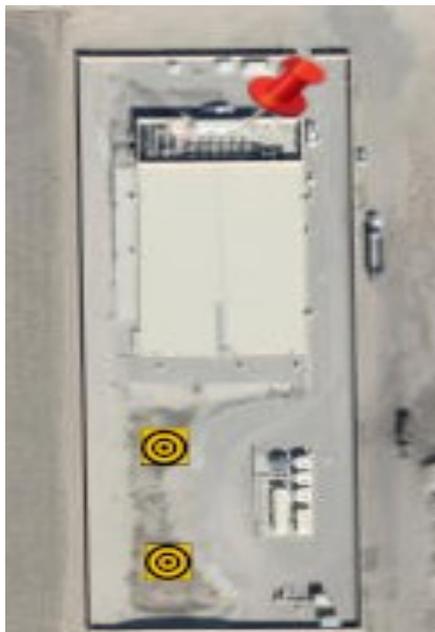


Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	2

# SWPPP: Well Site #25

<b>Location</b>	4425 E Elliot Rd
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite, Diesel Fuel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Well Site 25



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	

# SWPPP: Well Site #26

<b>Location</b>	5539 E. Baseline Rd
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite, Diesel Fuel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Well Site 26



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	

# SWPPP: Lindsay Reservoir

<b>Location</b>	2025 S. Lindsay Rd
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite, Diesel Fuel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Lindsay Reservoir



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	5.25

# SWPPP: Well Site #27/Freeman Farms

<b>Location</b>	6235 S. Greenfield Rd
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite, Diesel Fuel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Well Site #27/Freeman Farms



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	5.25

# SWPPP: Well Site #28

<b>Location</b>	2820 E. Riggs Rd
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: <b>Mineral Oil</b> , Calcium Hypochlorite, Diesel Fuel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>Drywell</li> <li>Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>Maintain Gravel/Tailings on property</li> <li>Maintain soil crust on any spoils piles</li> <li>Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>Quarterly Pollution Prevention Inspections</li> <li>Annually - Inspect Drywells</li> <li>Correct erosion as needed</li> </ul>

## SWPPP Map: Well Site 28

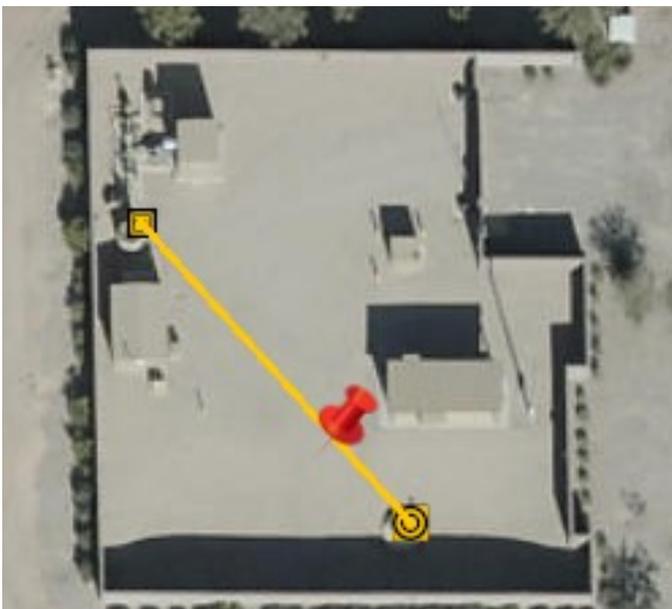


Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	2.5

# SWPPP: Well Site #29

<b>Location</b>	3664 S. 156th St
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Well Site 29



Hazardous Material Outdoor Storage	
Entry or exit point to hazardous work area	
Garbage Storage Area	
Site Acreage	0.35

# SWPPP: Well Site #31

<b>Location</b>	1525 S. 174th St
<b>Site Contacts</b>	Well Tech Lead - Steven Murrow Water Utility Supervisor - Bryan Galvin
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Calcium Hypochlorite
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Drywell</li> <li>• Generator</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain Gravel/Tailings on property</li> <li>• Maintain soil crust on any spoils piles</li> <li>• Keep a dust log for any dirt moving activity</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Well Site 31



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	3.29

# SWPPP: Fire Station 1

<b>Location</b>	2730 E. Williams Field Rd
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Josh Ehrman, Steven Burt, vacant Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment, Automotive Fluids Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<p><b>Material Management</b></p> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <p><b>Fueling Station</b></p> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain soil crust on sandbag station</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Station 1



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	7

# SWPPP: Fire Station 2

<b>Location</b>	2855 E Guadalupe Rd
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Mike Riley, Ramon Arenas, Randy Hooks Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment, Automotive Fluids Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<p><b>Material Management</b></p> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <p><b>Fueling Station</b></p> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Station 2



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	3.15

# SWPPP: Fire Station 3

<b>Location</b>	1011 E. Guadalupe Rd
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Mike Riley, Ramon Arenas, Randy Hooks Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <b>Fueling Station</b> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain soil crust on sandbag station</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Station 3

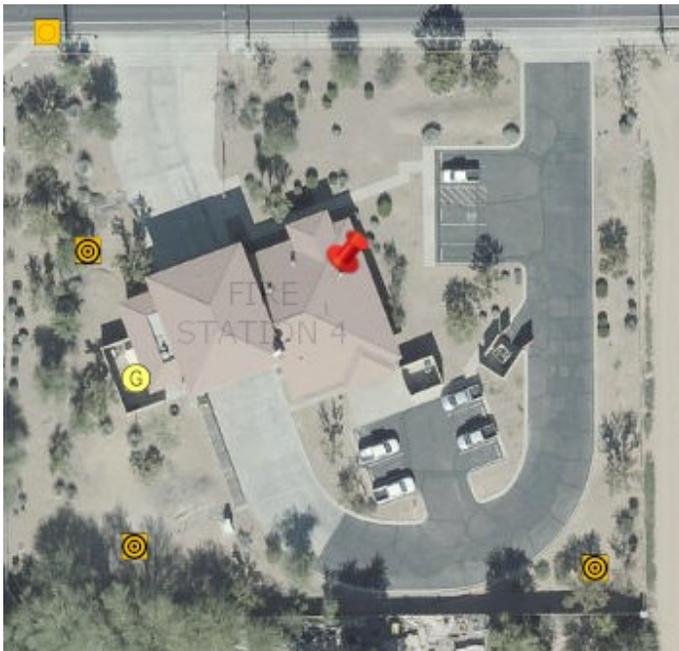


Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	3

# SWPPP: Fire Station 4

<b>Location</b>	909 E. Ray Rd
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Mike Riley, Ramon Arenas, Randy Hooks Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain soil crust on sandbag station</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Station 4



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	1.7

# SWPPP: Fire Station 5

<b>Location</b>	3630 E. Germann Rd
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Josh Ehrman, Steven Burt, vacant Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<p><b>Material Management</b></p> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <p><b>Fueling Station</b></p> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Station 5



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	3

# SWPPP: Fire Station 6

<b>Location</b>	3595 E. Warner Rd
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Mike Riley, Ramon Arenas, Randy Hooks Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<p><b>Material Management</b></p> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <p><b>Fueling Station</b></p> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Station 6



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	3.25

# SWPPP: Fire Station 7

<b>Location</b>	625 W. Warner Rd
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Mike Riley, Ramon Arenas, Randy Hooks Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <b>Fueling Station</b> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Station 7



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	1.25

# SWPPP: Fire Station 8

<b>Location</b>	1095 E. Germann Rd
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Josh Ehrman, Steven Burt, vacant Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<p><b>Material Management</b></p> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <p><b>Fueling Station</b></p> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Station 8



Hazardous Material Outdoor Storage	
Entry or exit point to hazardous work area	
Garbage Storage Area	
Site Acreage	3.15

# SWPPP: Fire Station 9

<b>Location</b>	3355 E Ocotillo Rd, Gilbert, AZ 85298
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Josh Ehrman, Steven Burt, vacant Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <b>Fueling Station</b> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain soil crust on sandbag station</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Station 9

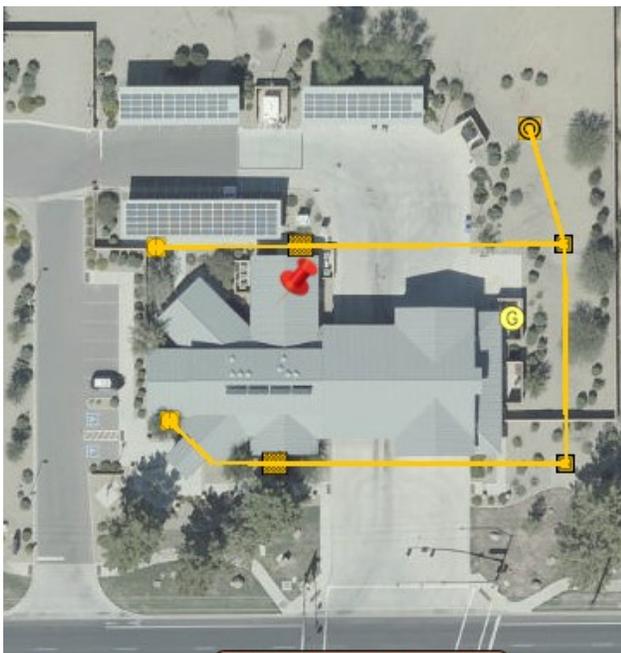


Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	7

# SWPPP: Fire Station 10

<b>Location</b>	1330 W. Guadalupe Rd
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Mike Riley, Ramon Arenas, Randy Hooks Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <b>Fueling Station</b> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Station 10



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	3.4

# SWPPP: Fire Station 11

<b>Location</b>	2860 E. Riggs Rd
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Josh Ehrman, Steven Burt, vacant Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Station 11



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	1.82

# SWPPP: Fire Resource/PD Property

<b>Location</b>	2760 E. Williams Field Rd
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero PD Contact: Roy Castro
<b>Contaminants of Concern</b>	Sediment, Gasoline, Garbage, Automobile fluids
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Evidence Storage Yard</li> <li>• Parking Lot</li> <li>• Garbage Containment</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> <li>• Gasoline in flam cabinet</li> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain gravel on unpaved areas</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Fire Resource/PD Property

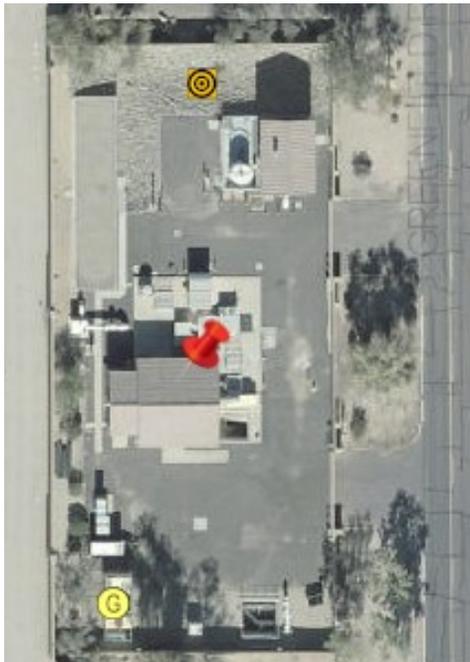


Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	9.8

# SWPPP: Crossroads Lift Station

<b>Location</b>	2130 S. Greenfield Rd
<b>Site Contacts</b>	Wastewater Manager - Lift Station Supervisor - Roy Hickens <b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2, Sodium Hydroxide
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Process areas outside of secondary containment</li> <li>• Chemical Storage</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> <li>• Maintain spill kit <b>Identify location of SDS book and update with any new materials</b></li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain gravel on unpaved areas</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Annually - Inspect Drywells</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Crossroads LS



Hazardous Material Outdoor Storage	
Entry or exit point to hazardous work area	
Garbage Storage Area	
Site Acreage	1

# SWPPP: 5 MG Reclamation WRPS

<b>Location</b>	4376 S Greenfield Rd
<b>Site Contacts</b>	Reclaim WW Distribution Superisor - Mike Bertrand or Patty Jordan
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Generator</li> <li>• Outdoor process areas</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> <li>• Maintain housekeeping in process areas</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain gravel on unpaved areas</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• No stormwater infrastructure</li> </ul>

## SWPPP Map: 5 MG Reclamation WRPS

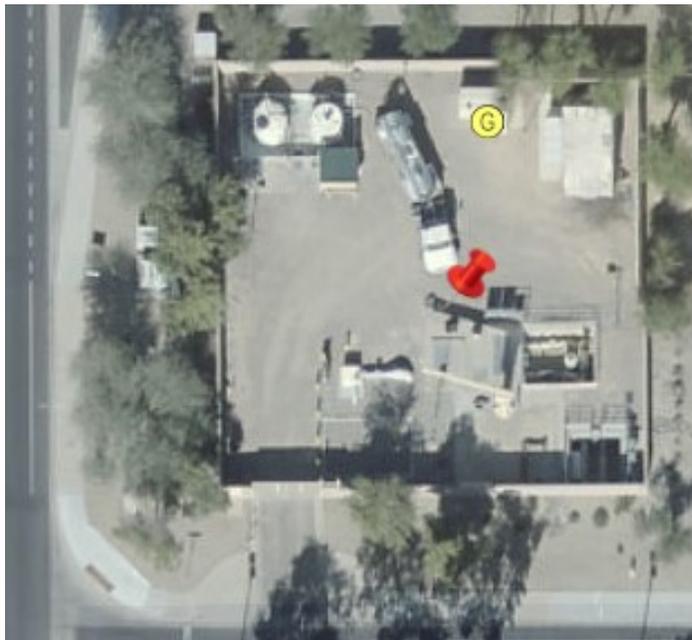


Hazardous Material Outdoor Storage	
Entry or exit point to hazardous work area	
Garbage Storage Area	
Site Acreage	3.16

# SWPPP: Gilbert Commons Lift Station

<b>Location</b>	2595 S Gilbert Rd
<b>Site Contacts</b>	Wastewater Manager - Lift Station Supervisor - Roy Hickens <b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Generator</li> <li>• Waste</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> <li>• Maintain spill kit Identify location of SDS book and update with any new materials</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain gravel on unpaved surfaces</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• No stormwater infrastructure</li> </ul>

## SWPPP Map: Gilbert Commons LS



Hazardous Material Outdoor Storage	
Entry or exit point to hazardous work area	
Garbage Storage Area	
Site Acreage	.35

# SWPPP: Islands Lift Station

<b>Location</b>	1990 W Elliot Rd
<b>Site Contacts</b>	Wastewater Manager - Lift Station Supervisor - Roy Hickens <b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>Generator</li> <li>Outdoor process areas</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>All hazardous materials kept in or on secondary containment and under cover from rain</li> <li>Maintain spill kit Identify location of SDS book and update with any new materials</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>Maintain gravel on all unpaved locations.</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>No stormwater infrastructure</li> </ul>

## SWPPP Map: Islands LS



Hazardous Material Outdoor Storage	
Entry or exit point to hazardous work area	
Garbage Storage Area	
Site Acreage	0.3

# SWPPP: Layton Lakes Lift Station

<b>Location</b>	4732 S Lindsay Rd
<b>Site Contacts</b>	Wastewater Manager - Lift Station Supervisor - Roy Hickens <b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Generator</li> <li>• Process areas outside of containment</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <b>Fueling Station</b> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Gravel on unpaved area</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Layton Lakes LS



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	0.3

# SWPPP: Rancho Del Verde Lift Station

<b>Location</b>	
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<p><b>Material Management</b></p> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <p><b>Fueling Station</b></p> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain soil crust on sandbag station</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Correct erosion as needed</li> </ul>

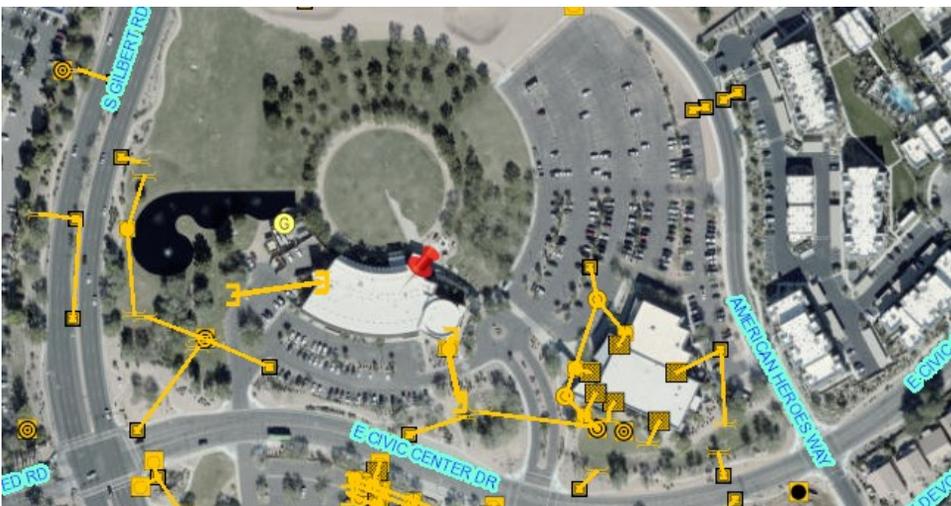
## SWPPP Map: Ranch Del Verde LS

Hazardous Material Outdoor Storage	
Entry or exit point to hazardous work area	
Garbage Storage Area	
Site Acreage	

# SWPPP: Municipal Center

<b>Location</b>	50 & 90 E Civic Center Dr
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2, Sulfuric Acid
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Truck Garage</li> <li>• Parking Lot</li> <li>• Fueling Station</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> </ul> <b>Fueling Station</b> <ul style="list-style-type: none"> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain soil crust on sandbag station</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Correct erosion as needed</li> </ul>

## SWPPP Map: Municipal Center

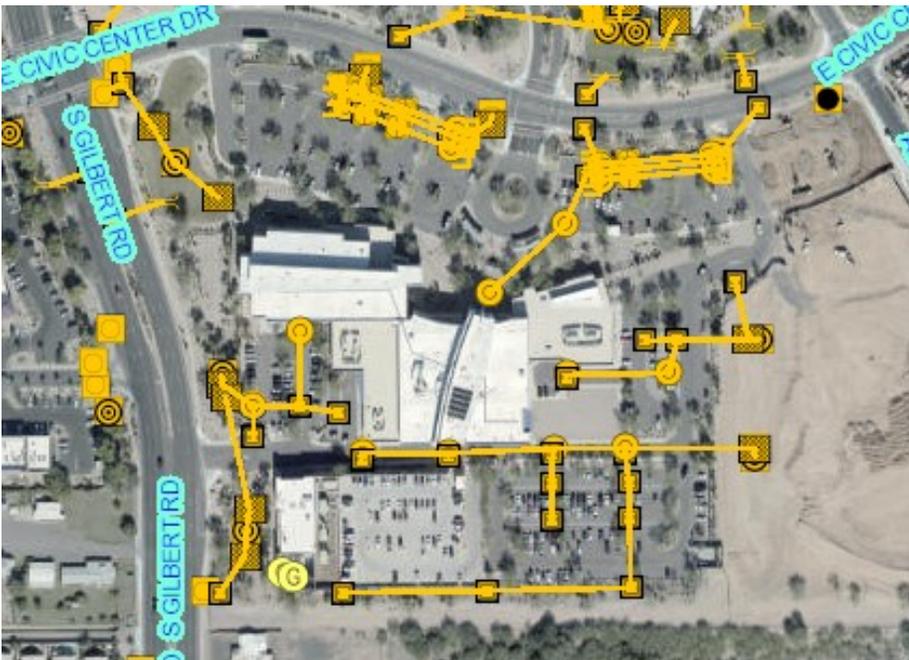


Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	20

# SWPPP: Police and Courts

<b>Location</b>	75 E Civic Center Dr
<b>Site Contacts</b>	Fire Resource Manager - Fernando Quintero Battalion Chief - Fueling Issues: Fleet Supervisor - Kevin Moore
<b>Contaminants of Concern</b>	Sediment Hazardous Materials: Diesel #2, Sulfuric Acid
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Parking areas</li> <li>• Garbage storage</li> </ul>
<b>Spill Containment Plan</b>	<b>Material Management</b> <ul style="list-style-type: none"> <li>• All hazardous materials kept in or on secondary containment and under cover from rain</li> <li>• Maintain spill kit with absorbent, ensure staff is trained for clean up</li> </ul>
<b>Dust Control</b>	<ul style="list-style-type: none"> <li>• Maintain gravel on unpaved areas</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Quarterly Pollution Prevention Inspections</li> <li>• Correct erosion as needed</li> <li>• Annual drywell inspections</li> </ul>

## SWPPP Map: PD and Courts



Hazardous Material Outdoor Storage	▲
Entry or exit point to hazardous work area	●
Garbage Storage Area	■
Site Acreage	26.5

# SWPPP: Discovery Park

<b>Location</b>	2214 E Pecos Rd, Gilbert, AZ 85297
<b>Site Contacts</b>	Parks: Supervisor- Lead Workers  ENVIRONMENTAL ON CALL # - (480) 620-1010 Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Sediment, Pathogens, Hazardous Waste - Sulfuric Acid
<b>Areas of Concern</b>	<ul style="list-style-type: none"><li>• Outlets from Street</li><li>• Chemical Storage</li><li>• Garbage Containment</li><li>• Restrooms</li></ul>
<b>Spill Containment Plan</b>	<b>Hazardous Materials Management</b> <ul style="list-style-type: none"><li>• Store all liquids and hazardous materials under cover or in secondary containment</li><li>• Label all hazardous materials (pesticides, fertilizers, paint, etc.)</li><li>• Identify location of SDS book and update with any new materials</li></ul> <b>Bathrooms and Facilities</b> <ul style="list-style-type: none"><li>• Daily - pick up litter throughout</li></ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"><li>• Annually - Full cleaning of all outlets from Greenfield and Pecos Roads</li><li>• Annually - Inspect Drywells</li></ul>

# SWPPP Map: Discovery Park



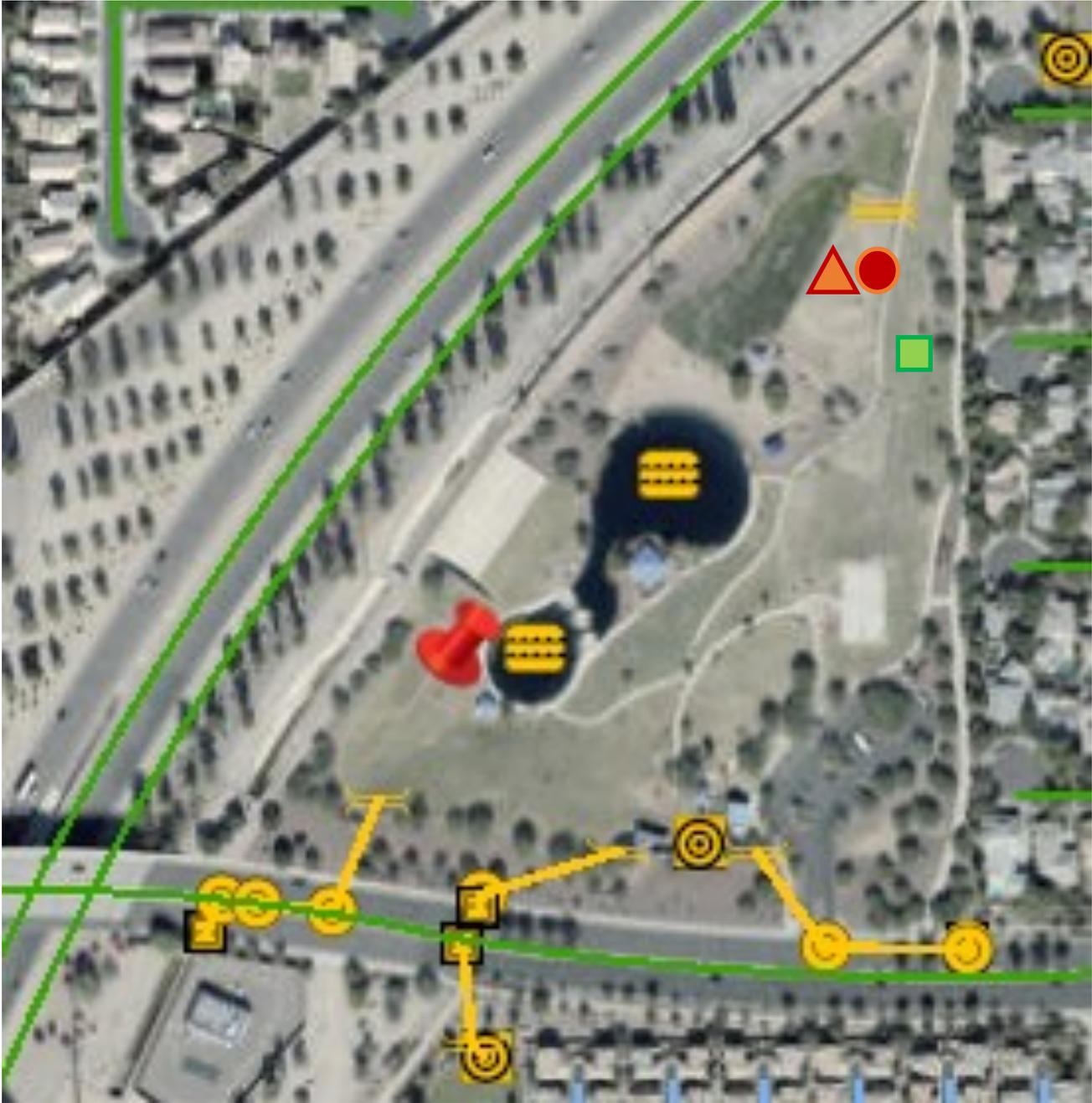
This map demonstrates the stormwater infrastructure that is potentially impacted. Utilize the contacts on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.

 Hazardous Material Outdoor Storage	 Entry or exit point to hazardous work area	 Garbage Storage Area
Site Acreage: 50		

# SWPPP: Cosmo Dog Park

<b>Location</b>	2502 E Ray Rd, Gilbert, AZ 85296
<b>Site Contacts</b>	Parks: Supervisor- Lead Workers  ENVIRONMENTAL ON CALL # - (480) 620-1010 Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Sediment, Pathogens, Hazardous Waste - Sulfuric Acid
<b>Areas of Concern</b>	<ul style="list-style-type: none"><li>• Chemical Storage Area</li><li>• Garbage Containment</li><li>• Restrooms</li><li>• Dog Park</li></ul>
<b>Spill Containment Plan</b>	<b>Hazardous Materials Management</b> <ul style="list-style-type: none"><li>• Store all liquids and hazardous materials under cover or in secondary containment</li><li>• Label all hazardous materials (pesticides, fertilizers, paint, etc.)</li><li>• Identify location of SDS book and update with any new materials</li><li>• Monitor compactor for hydraulic leaks</li></ul> <b>Outdoor Storage</b> <ul style="list-style-type: none"><li>•</li></ul> <b>Bathrooms and Facilities</b> <ul style="list-style-type: none"><li>• Daily - pick up litter throughout</li><li>• Daily - monitor and clear dog waste</li><li>• Weekly - reload dog waste stations</li></ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"><li>• Annually - Full cleaning of all outlets from Greenfield and Pecos Roads</li><li>• Annually - Inspect Drywells</li></ul>

# SWPPP Map: Cosmo Dog Park



This map demonstrates the stormwater infrastructure that is potentially impacted. Utilize the contacts on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.

 Hazardous Material Outdoor Storage	 Entry or exit point to hazardous work area	 Garbage Storage Area
Site Acreage: 15.8		

# SWPPP: Crossroads District Park

<b>Location</b>	2155 E Knox Rd, Gilbert, AZ 85296
<b>Site Contacts</b>	Parks: Supervisor - Lead Workers - Contact for AZ Ice -  <b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Sediment, Pathogens, Hazardous Waste - Sulfuric Acid
<b>Areas of Concern</b>	<ul style="list-style-type: none"> <li>• Chemical Storage Area</li> <li>• Garbage Containment</li> <li>• Restrooms</li> <li>• Dog Park</li> </ul>
<b>Spill Containment Plan</b>	<p><b>Hazardous Materials Management</b></p> <ul style="list-style-type: none"> <li>• Store all liquids and hazardous materials under cover or in secondary containment</li> <li>• Label all hazardous materials (pesticides, fertilizers, paint, etc.)</li> <li>• Identify location of SDS book and update with any new materials</li> <li>• Monitor compactor for hydraulic leaks</li> </ul> <p><b>Outdoor Storage</b></p> <ul style="list-style-type: none"> <li>• <b>Weekly - check for debris build up, housekeeping</b></li> </ul> <p><b>Bathrooms and Facilities</b></p> <ul style="list-style-type: none"> <li>• Daily - pick up litter throughout</li> <li>• Daily - monitor and clear dog waste</li> <li>• Weekly - reload dog waste stations</li> </ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"> <li>• Annually - Full cleaning of all outlets from Greenfield and Pecos Roads</li> <li>• Annually - Inspect Drywells</li> </ul>

# SWPPP Map: Crossroads Park



This map demonstrates the stormwater infrastructure that is potentially impacted. Utilize the contacts on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.

 Hazardous Material Outdoor Storage	 Entry or exit point to hazardous work area	 Garbage Storage Area
Site Acreage: 79.5		

# SWPPP: Cactus Yards

<b>Location</b>	4536 E Elliot Rd, Gilbert, AZ 85234
<b>Site Contacts</b>	Recreation Supervisor - Dan Wilson Maintenance Supervisor - Harold Gentry  <b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Sediment, Pathogens, Hazardous Waste - Sulfuric Acid
<b>Areas of Concern</b>	<ul style="list-style-type: none"><li>• Maintenance Compound</li><li>• Garbage Containment</li><li>• Fields</li><li>• Restrooms</li></ul>
<b>Spill Containment Plan</b>	<b>Hazardous Materials Management</b> <ul style="list-style-type: none"><li>• Store all liquids and hazardous materials under cover or in secondary containment</li><li>• Label all hazardous materials (pesticides, fertilizers, paint, etc.)</li><li>• Identify location of SDS book and update with any new materials</li><li>• Monitor compactor for hydraulic leaks</li></ul> <b>Outdoor Storage</b> <ul style="list-style-type: none"><li>• All hazardous liquids must be on secondary containment pallets and under cover from rain</li></ul> <b>Bathrooms and Facilities</b> <ul style="list-style-type: none"><li>• Daily - pick up litter throughout</li><li>• Daily - monitor and clear dog waste</li><li>• Weekly - reload dog waste stations</li></ul>

## Infrastructure Plan

### **BMP Install Plan**

- Round inlet sediment catches on all 22 round inlets
- Regrade and clear outlets to retention basins that have been impacted by soil erosion, to allow for flow.
- Purchase secondary containment pallets, sufficient for quantity of stored paint and other hazardous liquids.
- Spoils piles: maintain crust, and it was pointed out to me that the pile must be within the boundaries of the stall so the center pile must be pushed back into the stall, but cannot be taller than the stall walls.
- Install drain cover seals on square grates in work yard

### **Weekly**

- Weekly - Standing Water Checks, make adjustments to watering schedules as needed and use trash pump to remove any standing water.

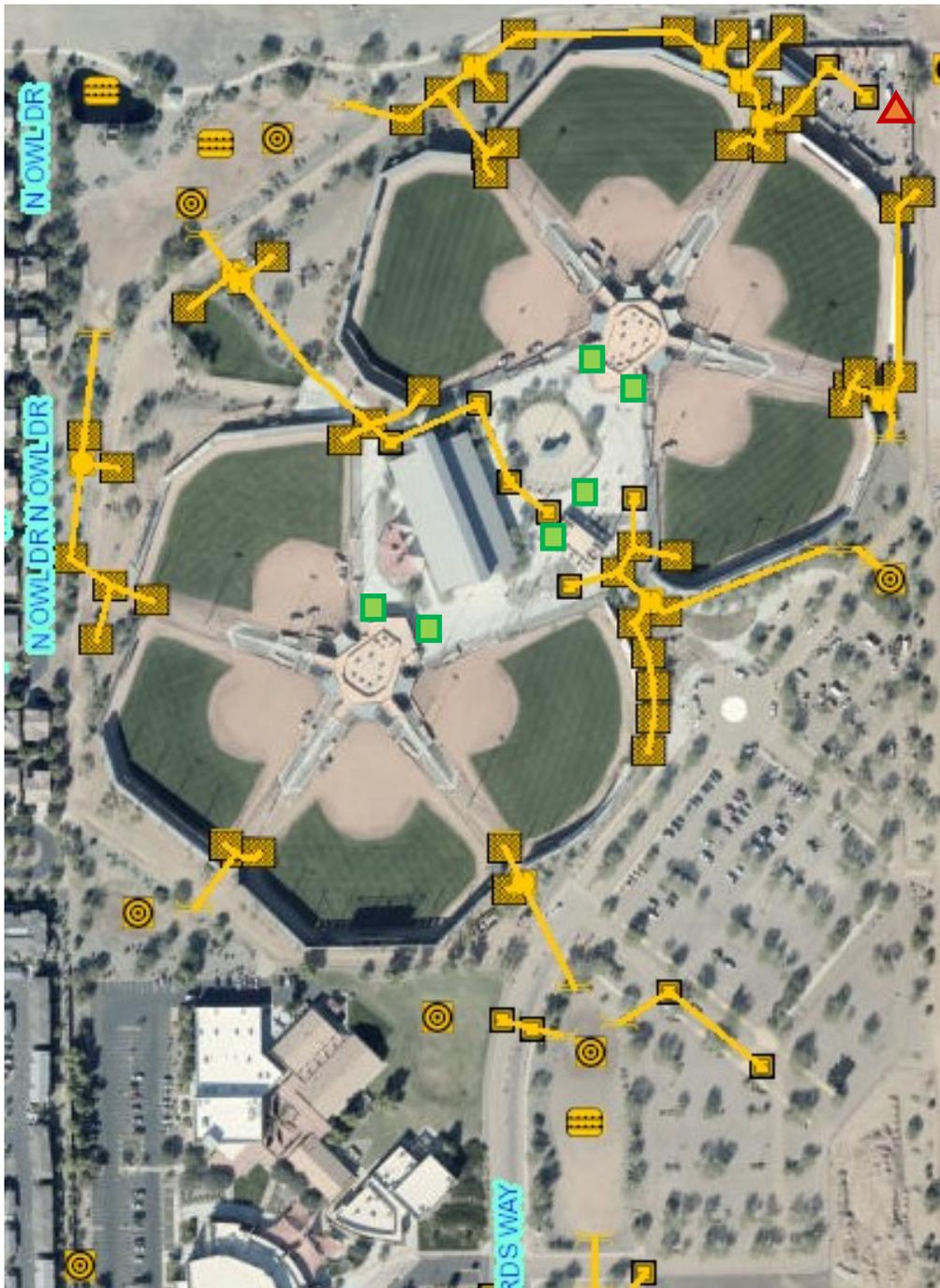
### **Monthly**

- General yard clean up, focusing on clearing unneeded items and debris, and consolidating hazardous materials onto proper secondary containment
- Monitor outfalls for grading issues and build up of debris
- Monitor and adjust watering schedule to reflect recommendations from Water Wise

### **Annual Maintenance**

- Annually - Clean all lines (EC)
- Annually - Inspect Drywells (EC)

# SWPPP Map: Cactus Yards



This map demonstrates the stormwater infrastructure that is potentially impacted. Utilize the contacts on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.

 Hazardous Material Outdoor Storage	 Entry or exit point to hazardous work area	 Garbage Storage Area
Site Acreage: 62		

# SWPPP: Freestone Park

<b>Location</b>	1045 E Juniper Ave, Gilbert, AZ 85234
<b>Site Contacts</b>	Recreation Supervisor- Dan Wilson Lead Workers  <b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Sediment, Pathogens, Hazardous Waste - Sulfuric Acid
<b>Areas of Concern</b>	<ul style="list-style-type: none"><li>• Maintenance Compound</li><li>• Garbage Containment</li><li>• Restrooms</li></ul>
<b>Spill Containment Plan</b>	<b>Hazardous Materials Management</b> <ul style="list-style-type: none"><li>• Store all liquids and hazardous materials under cover or in secondary containment</li><li>• Label all hazardous materials (pesticides, fertilizers, paint, etc.)</li><li>• Identify location of SDS book and update with any new materials</li><li>• Monitor compactor for hydraulic leaks</li></ul> <b>Outdoor Storage</b> <ul style="list-style-type: none"><li>• Unknown</li></ul> <b>Bathrooms and Facilities</b> <ul style="list-style-type: none"><li>• Daily - pick up litter throughout</li><li>• Daily - monitor and clear dog waste</li><li>• Weekly - reload dog waste stations</li></ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"><li>• Annually - Full cleaning of all outlets from Greenfield and Pecos Roads</li><li>• Annually - Inspect Drywells</li></ul>

# SWPPP Map: Freestone



This map demonstrates the stormwater infrastructure that is potentially impacted. Utilize the contacts on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.

 Hazardous Material Outdoor Storage	 Entry or exit point to hazardous work area	 Garbage Storage Area
Site Acreage: 100		

# SWPPP: McQueen Park

<b>Location</b>	510 N Horne, 85233
<b>Site Contacts</b>	Recreation Supervisor- Lead Workers  <b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Sediment, Pathogens, Hazardous Waste - Sulfuric Acid
<b>Areas of Concern</b>	<ul style="list-style-type: none"><li>• Maintenance Compound</li><li>• Garbage Containment</li><li>• Restrooms</li></ul>
<b>Spill Containment Plan</b>	<b>Hazardous Materials Management</b> <ul style="list-style-type: none"><li>• Store all liquids and hazardous materials under cover or in secondary containment</li><li>• Label all hazardous materials (pesticides, fertilizers, paint, etc.)</li><li>• Identify location of SDS book and update with any new materials</li><li>• Monitor compactor for hydraulic leaks</li></ul> <b>Outdoor Storage</b> <ul style="list-style-type: none"><li>•</li></ul> <b>Bathrooms and Facilities</b> <ul style="list-style-type: none"><li>• Daily - pick up litter throughout</li><li>• Daily - monitor and clear dog waste</li><li>• Weekly - reload dog waste stations</li></ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"><li>• Annually - Full cleaning of all outlets from Greenfield and Pecos Roads</li><li>• Annually - Inspect Drywells</li></ul>

# SWPPP Map: McQueen Park



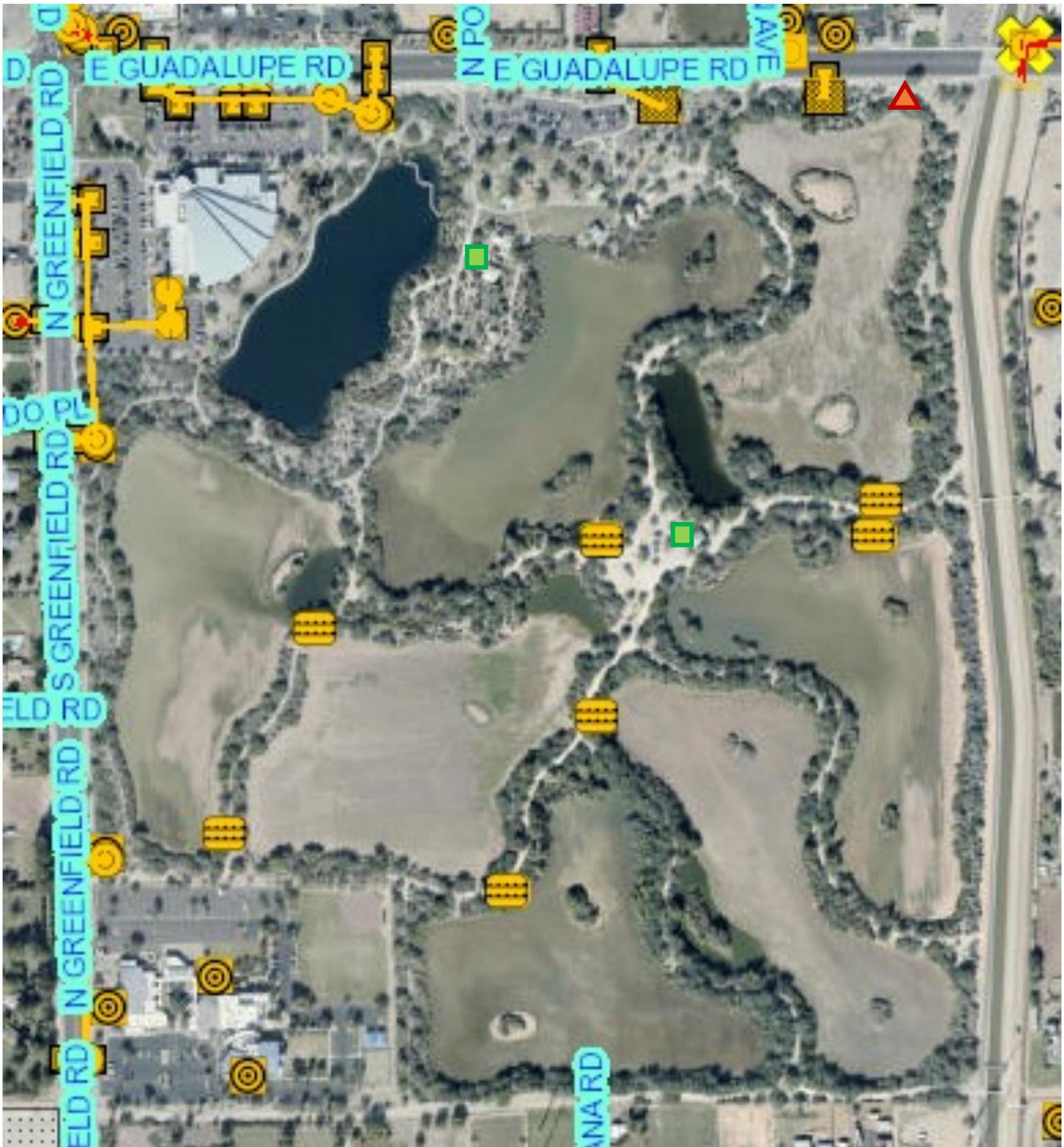
This map demonstrates the stormwater infrastructure that is potentially impacted. Utilize the contacts on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.

 Hazardous Material Outdoor Storage	 Entry or exit point to hazardous work area	 Garbage Storage Area
<p>Site Acreage: 42.75</p>		

# SWPPP: Riparian Preserve

<b>Location</b>	2757 E Guadalupe Rd, Gilbert, AZ 85234
<b>Site Contacts</b>	Recreation Supervisor- WW Recharge Supervisor - Patty Jordan Lead Workers -  <b>ENVIRONMENTAL ON CALL # - (480) 620-1010</b> Contact in the case of a spill or for guidance
<b>Contaminants of Concern</b>	Sediment, Pathogens, Hazardous Waste - Sulfuric Acid
<b>Areas of Concern</b>	<ul style="list-style-type: none"><li>• Maintenance Compound</li><li>• Garbage Containment</li><li>• Restrooms</li></ul>
<b>Spill Containment Plan</b>	<b>Hazardous Materials Management</b> <ul style="list-style-type: none"><li>• Store all liquids and hazardous materials under cover or in secondary containment</li><li>• Label all hazardous materials (pesticides, fertilizers, paint, etc.)</li><li>• Identify location of SDS book and update with any new materials</li><li>• Monitor compactor for hydraulic leaks</li></ul> <b>Outdoor Storage</b> <ul style="list-style-type: none"><li>• Weekly - check for debris and perform general housekeeping</li></ul> <b>Bathrooms and Facilities</b> <ul style="list-style-type: none"><li>• Daily - pick up litter throughout</li><li>• Daily - monitor and clear dog waste</li><li>• Weekly - reload dog waste stations</li></ul>
<b>Infrastructure Plan</b>	<ul style="list-style-type: none"><li>• Annually - Full cleaning of all outlets from Greenfield and Pecos Roads</li><li>• Annually - Inspect Drywells</li></ul>

# SWPPP Map: Riparian Preserve



This map demonstrates the stormwater infrastructure that is potentially impacted. Utilize the contacts on the previous page to resolve issues in these areas. The symbols below are used to indicate hazardous material hot spots.

 Hazardous Material Outdoor Storage	 Entry or exit point to hazardous work area	 Garbage Storage Area
Site Acreage: 120		